



PROFESSIONAL ACCESS TECHNOLOGY
for industry and construction.



SAFE HANDLING WITH CLIMBING AIDS

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Standards

Standards are generally recognised technical rules and consist of specifications for manufacturing and testing and recommendations for the use of products.

For us manufacturers, standards are binding due to the requirements of the German Product Liability Law (ProdLL).

Companies which use climbing aids are advised by professional trade

associations (German DGUV) to use climbing aids which comply with the relevant standards (German DGUV Information 208-016 and 201-011). They are derived from the German Act on Occupational Safety and Health (ArbSchG § 4 Sec. 3). Products to access workplaces at heights or working at heights are regulated by the following standards.

	Portable ladders	Platform stairways	Steps	Mobile scaffolds	Stairs, platforms and crossings	Vertical ladders	
							
Applicable standards	EN 131-1 to 6	EN 131-7	EN 14183	EN 1004	EN ISO 14122	EN ISO 14122-4	DIN 18799-1 DIN 14094-1
The standards describe the following ...	portable ladders for a variety of applications, e.g. leaning, extension, step and combination ladders.	mobile platform stairways with stairs and platform with railings.	portable climbing aids such as step stools, kick steps, step ladders, stair treads whose topmost treads are intended to be walked on.	mobile working platforms made of prefabricated components.	fixed ladders, steps, stairs, railings, working platforms and catwalks.	vertical ladders on building structures with side stiles or central stiles.	vertical ladders with or without safety cage, securing devices and platforms.
Validity of standard ...	not ladders for special uses such as firemen's ladders, roof ladders, orchard ladders, window cleaner's ladders or mobile ladders.	mobile ladders with a working platform with a maximum area of 1 m² and a maximum height of 5 m designed to be used by one person only.	not double-sided accessible step ladders up to 1 m high without rigid safety bar since the topmost step is not designed to be stepped on.	for working platforms with a height from 2.5 m and 12 m within buildings and 8 m outside buildings. It does not apply to facade and protective scaffolds.	accesses to plants or buildings if they are part of a plant.	for fixed ladders to access buildings for maintenance and cleaning purposes.	for fixed ladders as escape ladders (escape route in case of emergency).

Laws and operation instructions

German Act on Occupational Safety and Health (ArbSchG)

The German Act on Occupational Safety and Health is intended to safeguard and improve the safety and protect the health of employees during their work by measures relating to accident prevention. It regulates the basic obligations of the employer with regard to working conditions, handling hazards and precautions.

German DGUV Information 208-016 (BGI 694) General instructions for handling ladders and steps

These general handling instructions issued by accident insurers are intended for companies which provide portable ladders and steps for their employees or use them themselves. It gives instructions on how to correctly select climbing aids and use them safely. For more details on this please visit: <http://publikationen.dguv.de>

German Industrial Safety Regulation (BetrSichV)

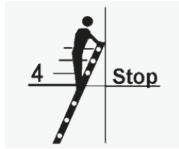
This regulates the provision of work equipment by employers and the use of work equipment by employees. It transfers responsibility for the correct selection and proper working condition of work equipment (e.g. climbing aids) to companies and describes their obligation to assess hazards and inspect work equipment at regular intervals.



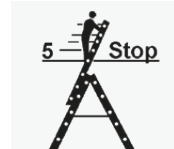
According to German DGUV Information 208-016 and 201-011 companies must ensure that climbing aids are inspected for proper condition at regular intervals. Hymer-Leichtmetallbau offers training courses at regular intervals for authorised persons to inspect ladders, steps and mobile scaffolds according to German DGUV Information 208-016/201-011. These 5-hour seminars are recognised by the VDSI (Association of German Safety Engineers) and rated with two advanced training points. For more details on this please visit: <http://www.hymer-alu.de/en/standard-access-solutions/training.html>

What size/length is required?

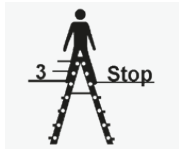
When selecting the size/length of ladder, it should be ensured that ...



Leaning ladders may only be climbed up **to the fourth step/rung from the top** in order to provide sufficient hold.



Combination ladders in position mode 'freestanding ladder with attached extension ladder' may only be climbed up **to the fifth rung from the top**.



Double-sided accessible freestanding ladders may only be climbed up **to the third step/rung from the top** in order to provide sufficient hold.

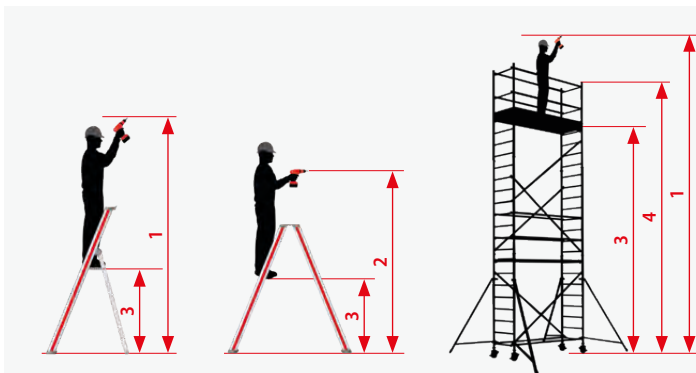


The size of freestanding ladders with platform and platform ladders must be selected so that the user can reach the maximum required working height **having to stretch** outwards from the platform.



The **elbow method** helps to determine the correct inclination angle.

Illustration of standing height, working height and reach height



- 1 Reach height
- 2 Working height
- 3 Standing height
- 4 Tower height

Simplified HYMER formula:*

* This may vary depending on the type of ladder. Please observe the information in the technical tables in this catalogue.

Working height

= Standing height + 1.50 m

Reach height

= Standing height + 2.00 m

Calculation of ladder length with known vertical height

vertical height (in m)	Required ladder length (in m) to meet on angle of inclination of				
	75° rung ladders (still permissible) vertical height × factor 1,035	70° rung ladders (our recommendation) vertical height × factor 1,064	68° step ladders vertical height × factor 1,080	60° stairs vertical height × factor 1,155	45° stairs vertical height × factor 1,414
2.00	2.05	2.15	2.15	2.30	2.85
2.50	2.60	2.65	2.70	2.90	3.55
3.00	3.10	3.20	3.25	3.45	4.25
3.50	3.60	3.70	3.80	4.05	4.95
4.00	4.15	4.25	4.30	4.60	5.65
4.50	4.65	4.80	–	5.20	6.35
5.00	5.20	5.30	–	5.80	7.05
5.50	5.70	5.85	–	6.35	7.80
6.00	6.20	6.40	–	6.95	8.50
6.50	6.75	6.90	–	7.50	9.20
7.00	7.25	7.45	–	8.10	9.90

The minimum lengths may be found in the **table**. It is generally recommended to use the next longest ladder length of the HYMER range.

Example for calculating minimum ladder length:

- › vertical height (upper contact point) = 6.00 m
- › when using a rung ladder (70° angle of inclination)
6.00 m × 1.064 = **6.40 m**





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NEW



71499 Wooden step ladder, double-sided accessible

- › Safe, ergonomic working on anti-slip steps with **depth of 80 mm**.
- › Produced from a single blank to ensure that the profiled **beechwood steps** offer durable safe standing.
- › **Thick stiles (65 mm)** ensure high stability.
- › Tools and small items are always at hand in the **integrated bag**.
- › **Sturdy bucket hook**.
- › Safe spreader due to high-strength 20 mm wide straps.
- › High-quality stile/step connection from two-finger mortice joints for maximum durability.



Number of steps	2×4	2×5	2×6	2×7	2×8	2×10	2×12
Stile (approx. mm)	65	65	65	65	65	65	65
Length (approx. m)	1.24	1.52	1.80	2.08	2.36	2.93	3.48
Standing height (approx. m)	0.55	0.85	1.10	1.40	1.65	2.20	2.75
Reach height (approx. m)	2.55	2.85	3.10	3.40	3.65	4.20	4.75
Vertical height (approx. m)	1.18	1.45	1.70	2.00	2.25	2.75	3.30
Width top/bottom (approx. mm)	345/473	345/503	345/535	345/563	345/593	345/653	345/715
Base width (approx. m)	1.01	1.21	1.38	1.56	1.80	2.08	2.44
Weight (approx. kg)	7.5	9.0	11.2	13.5	16.0	19.5	26.0
Order no.	7149908	7149910	7149912	7149914	7149916	7149920	7149924

For an explanation of standing/reach height see on page 5.

Recommended accessories:



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Foot extension



P. 123

Rubber ladder shoes set

Spare parts:

- › Spare parts set hinges, order no. 008968, see on page 137.
- › Spare parts set position adaptor, order no. 008969, see on page 138.
- › Tool bag, order no. 0054030, see on page 141.



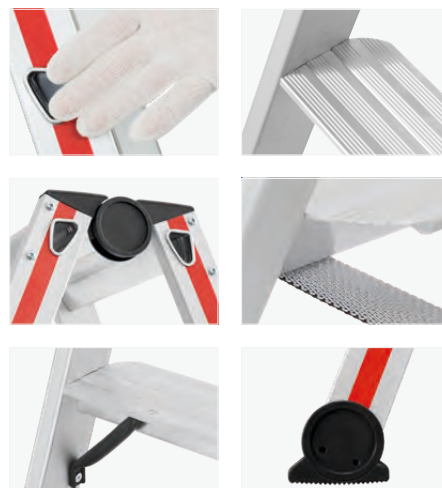
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4024 Step ladder, double-sided accessible

- › **Anodised stiles** avoid dirty hands from aluminium abrasion.
- › Step depth 80 mm. Front step edges flush with stile.
- › Sturdy **steel hinges**.
- › Spreader lock provided by high-strength 20 mm wide perlon straps.
- › Sturdy reinforcement braces on first step.
- › Extra large ladder shoes press-fitted in.



Number of steps	2×3	2×4	2×5	2×6	2×7	2×8
Stile (approx. mm)	55	55	55	55	55	55
Length (approx. m)	0.78	1.03	1.28	1.53	1.79	2.02
Standing height (approx. m)	0.19	0.42	0.65	0.88	1.12	1.34
Reach height (approx. m)	2.19	2.42	2.65	2.88	3.12	3.34
Vertical height (approx. m)	0.70	0.90	1.15	1.38	1.61	1.84
Width top/bottom (approx. mm)	340/410	340/435	340/460	340/485	340/510	340/540
Base width (approx. m)	0.75	0.90	1.10	1.30	1.50	1.65
Weight (approx. kg)	3.6	4.5	5.5	6.7	8.0	8.8
Order no.	402406	402408	402410	402412	402414	402416

For an explanation of standing/reach height see on page 5.

Spare part:

- › Spare parts set hinges, order no. 0052872, see on page 137.



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8024 Step ladder, double-sided accessible

- › **Extremely sturdy** design, ideal for industry and construction.
- › **Strengthened steps** with 80 mm step depth.
Front step edges flush with stile.
- › **Solid hinges** made of high-quality cast aluminium (easily replaceable).
- › Spreader lock provided by high-strength 30 mm wide perlon straps.
- › Sturdy reinforcement braces on first step.
- › **Ladder feet screwed to the stile, easily replaceable**
and with large bearing surface.



Number of steps	2×2*	2×3	2×4	2×5	2×6	2×7	2×8	2×9	2×10	2×12
Stile (approx. mm)	71	71	71	71	71	71	71	71	71	71
Length (approx. m)	0.53	0.77	1.04	1.30	1.53	1.80	2.05	2.28	2.54	3.04
Standing height (approx. m)	0.22	0.22	0.45	0.69	0.92	1.15	1.38	1.61	1.85	2.31
Reach height (approx. m)	2.22	2.22	2.45	2.69	2.92	3.15	3.38	3.61	3.85	4.31
Vertical height (approx. m)	0.45	0.70	0.95	1.15	1.40	1.65	1.85	2.10	2.30	2.80
Width top/bottom (approx. mm)	355/410	355/430	355/450	355/475	355/500	355/525	355/550	355/575	355/600	355/650
Base width (approx. m)	0.60	0.80	0.98	1.15	1.30	1.50	1.70	1.95	2.15	2.50
Weight (approx. kg)	3.2	4.6	5.6	6.8	8.2	9.4	10.5	12.2	13.8	16.5
Order no.	802404	802406	802408	802410	802412	802414	802416	802418	802420	802424

* The size 2×2 cannot be used according to EN 131 and may only be accessed on the bottom-most step. Therefore make sure that sufficient safety is provided (e.g. by holding to a fixed point).

For an explanation of standing/reach height see on page 5.

Recommended accessories:



4 spring-loaded castors + 2 rigid safety bars at HYMER assembled

Swivelling/fixed castors can be freely selected depending on version. (Please specify which version of spring-loaded castor attachment you require when placing your order.)

It is recommended to fit spring-loaded castors depending on the sense of safety of the user but only up to size 2×8.



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Sets of spring-loaded castors and sets of rigid safety bars for self assembly

- › Swivelling/fixed castors freely choosable.

	Variant 1	Variant 2	Variant 3	Variant 4
Ladder section 1	2 swivelling castors (one of the castors features a locking brake)	2 swivelling castors (one of the castors features a locking brake)	2 fixed castors	2 fixed castors
Ladder section 2	2 fixed castors	2 swivelling castors (one of the castors features a locking brake)	2 fixed castors	2 swivelling castors (one of the castors features a locking brake)
Rigid safety bars	2 rigid safety bars	2 rigid safety bars	2 rigid safety bars	2 rigid safety bars

¹⁾Swivelling castor without locking brake; ²⁾Swivelling castor with locking brake; ³⁾Fixed castor

Spare part:

- › Spare parts set hinges, order no. 0053864, see on page 137.



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4026 Step ladder with platform, single-sided accessible

- › **Anodised stiles** avoid dirty hands from aluminium abrasion.
- › Step depth 80 mm. Front step edges flush with stile.
- › Platform dimensions 250×250 mm.
- › Spreader lock provided by high-strength 20 mm wide perlon straps from size 7 upwards.
- › Sturdy reinforcement braces on first step.
- › **With spacious, practical tool tray** made of high-strength plastic.
- › **Sturdy bucket hook** with 25 kg load-bearing capacity.
- › Extra large ladder shoes press-fitted in.



Number of steps incl. platform	3	4	5	6	7	8
Stile (approx. mm)	55	55	55	55	55	55
Length (approx. m)	1.37	1.62	1.87	2.12	2.36	2.61
Standing height (height to platform) (approx. m)	0.65	0.88	1.11	1.35	1.58	1.80
Reach height (approx. m)	2.65	2.88	3.11	3.35	3.58	3.80
Vertical height (approx. m)	1.25	1.48	1.71	1.95	2.18	2.40
Width top/bottom (approx. mm)	280/415	280/440	280/465	280/495	280/520	280/545
Base width (approx. m)	0.70	0.85	1.00	1.15	1.30	1.50
Weight (approx. kg)	4.0	4.9	5.6	6.4	7.4	7.9
Order no.	402603	402604	402605	402606	402607	402608

For an explanation of standing/reach height see on page 5.

Spare parts:

- › Platform support repair set, order no. 0053991, see on page 138.
- › Spare parts set tool tray, order no. 0054834, see on page 141.



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8026 Step ladder with platform, single-sided accessible

- › **Extremely sturdy** design, ideal for industry and construction.
- › **Strengthened steps** with 80 mm step depth. Front step edges flush with stile.
- › Platform dimensions 250×250 mm.
- › Spreader lock provided by high-strength 30 mm wide perlon straps from size 7 upwards.
- › Sturdy reinforcement braces on first step.
- › **Solid aluminium tray with hooking option for bucket.**
- › **Ladder feet screwed to the stile, easily replaceable** and with large bearing surface.



Number of steps incl. platform	4	5	6	7	8	10	12	14
Stile (approx. mm)	71	71	71	71	71	71	71	71
Length (approx. m)	1.70	1.95	2.20	2.45	2.70	3.20	3.70	4.20
Standing height (height to platform) (approx. m)	0.93	1.16	1.40	1.63	1.85	2.32	2.78	3.25
Reach height (approx. m)	2.93	3.16	3.40	3.63	3.85	4.32	4.78	5.25
Vertical height (approx. m)	1.55	1.78	2.01	2.25	2.48	2.94	3.40	3.87
Width top/bottom (approx. mm)	305/480	305/500	305/530	305/550	305/570	305/630	305/680	305/740
Base width (approx. m)	0.90	1.05	1.20	1.35	1.50	1.85	2.20	2.55
Weight (approx. kg)	5.8	6.7	7.6	8.6	9.6	12.0	14.5	18.0
Order no.	802604	802605	802606	802607	802608	802610	802612	802614

For an explanation of standing/reach height see on page 5.

Recommended accessories:



4 spring-loaded castors + 2 rigid safety bars at HYMER assembled

Swivelling/fixed castors can be freely selected depending on version. (Please specify which version of spring-loaded castor attachment you require when placing your order.)

It is recommended to fit spring-loaded castors depending on the sense of safety of the user but only up to size 6. For greater heights we recommend the use of tip and roll wheels, see on page 127.



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Sets of spring-loaded castors and sets of rigid safety bars for self assembly

- › Swivelling/fixed castors freely choosable.

	Variant 1	Variant 2	Variant 3	Variant 4
Ladder section	2 swivelling castors (one of the castors features a locking brake)	2 swivelling castors (one of the castors features a locking brake)	2 fixed castors	2 fixed castors
Support section	2 fixed castors	2 swivelling castors	2 fixed castors	2 swivelling castors
Rigid safety bars	2 rigid safety bars	2 rigid safety bars	2 rigid safety bars	2 rigid safety bars

¹⁾Swivelling castor without locking brake; ²⁾Swivelling castor with locking brake; ³⁾Fixed castor

Spare parts:

- › Spare parts set hinge covers, order no. 0054964, see on page 134.
- › Spare parts set tool tray, order no. 0054838, see on page 141.



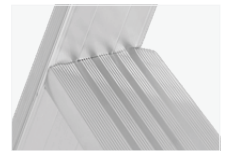
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8012 Leaning step ladder

- › Ideal for **industry and warehouses**.
- › **Strengthened steps** with 80 mm step depth.
Front step edges flush with stile.
- › Perforations to fit hooks or support board.
- › **Ladder feet** screwed to the stile, **easily replaceable** and with large bearing surface.
- › Pre-assembly of support board or hooks possible.



Number of steps	6	7	8	9	10	11
Stile (approx. mm)	71	71	71	71	71	71
Length (approx. m)	1.73	1.95	2.23	2.48	2.73	2.97
Standing height (approx. m)	0.70	0.95	1.20	1.45	1.70	1.95
Reach height (approx. m)	2.70	2.95	3.20	3.45	3.70	3.95
Vertical height up to leaning point (approx. m)	1.60	1.80	2.05	2.25	2.50	2.75
Vertical height to top step (approx. m)	1.40	1.65	1.85	2.10	2.30	2.55
Width (approx. mm)	405	405	405	405	405	405
Weight (approx. kg)	4.0	4.6	5.2	5.8	6.4	7.0
Order no.	801206	801207	801208	801209	801210	801211

For an explanation of standing/reach height see on page 5.

Recommended accessories:



P. 126

Support board set



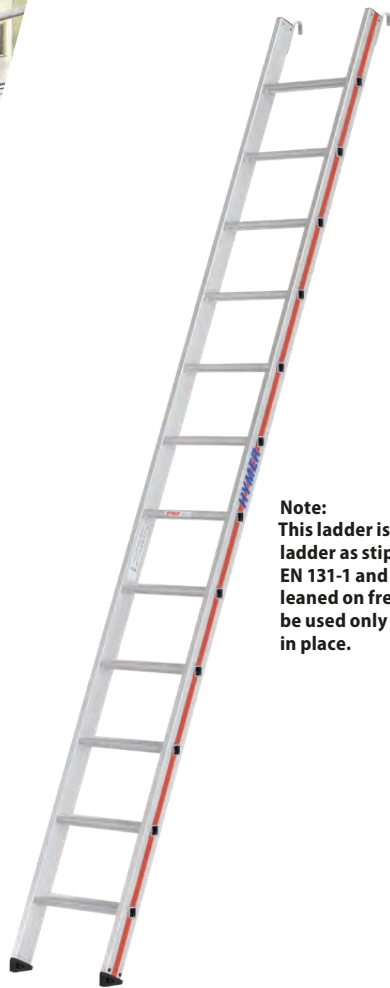
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Suspension
hook set



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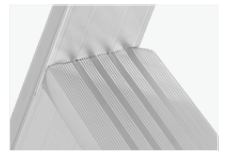
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Note:
This ladder is not a leaning ladder as stipulated by EN 131-1 and may not be leaned on freely. It may be used only when hooked in place.

8112 Hookable shelf ladder

- › Ideal for **industry and warehouses**.
- › **Strengthened steps** with 80 mm step depth. Front step edges flush with stile.
- › **Incl. hook set (Ø 30 mm)**.
- › **Ladder feet** screwed to the stile, **easily replaceable** and with large bearing surface.



Number of steps	12	13	15	17
Stile (approx. mm)	71	71	71	71
Length (approx. m)	3.20	3.49	3.98	4.48
Standing height (approx. m)	2.20	2.45	2.95	3.45
Reach height (approx. m)	4.20	4.45	4.95	5.45
Vertical height up to hook-in point (approx. m)	2.95	3.20	3.65	4.10
Vertical height to top step (approx. m)	2.80	3.00	3.50	3.95
Width (approx. mm)	405	405	405	405
Weight (approx. kg)	8.1	8.6	9.8	10.9
Order no.	811212	811213	811215	811217

For an explanation of standing/reach height see on page 5.



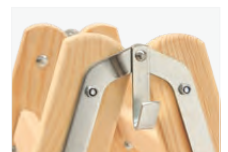
Rung ladders

Wooden rung ladder, double-sided accessible	page 17
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71410 Wooden rung ladder, double-sided accessible

- › **Thick stiles (65 mm)** ensure high stability.
- › High-quality stile/rung connection with two-finger mortise joint.
- › Rungs made out of sturdy **beechwood**.
- › Spreader lock provided by high-strength 20 mm wide perlon straps.
- › **Sturdy bucket hook.**



Number of rungs	2×3	2×4	2×5	2×6	2×7	2×8	2×10	2×12
Stile (approx. mm)	65	65	65	65	65	65	65	65
Length (approx. m)	0.95	1.24	1.52	1.80	2.08	2.36	2.92	3.48
Standing height (approx. m)	0.30	0.55	0.85	1.10	1.40	1.65	2.20	2.75
Reach height (approx. m)	2.30	2.55	2.85	3.10	3.40	3.65	4.20	4.75
Vertical height (approx. m)	0.90	1.18	1.45	1.70	2.00	2.25	2.75	3.30
Width top/bottom (approx. mm)	345/443	345/473	345/503	345/535	345/563	345/593	345/653	345/715
Base width (approx. m)	0.66	0.86	1.02	1.21	1.36	1.47	1.90	2.16
Weight (approx. kg)	4.5	7.0	8.0	10.0	11.0	13.0	17.0	25.0
Order no.	7141006	7141008	7141010	7141012	7141014	7141016	7141020	7141024

For an explanation of standing/reach height see on page 5.

Recommended accessories:



P. 130

Tool bag



P. 124

Foot extension



P. 123

Rubber ladder shoes set

Spare parts:

- › Spare parts set hinges, order no. 008968, see on page 137.
- › Spare parts set position adaptor, order no. 008969, see on page 138.



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4042 Telescopic ladder

- › Versatile for use as **leaning or freestanding ladder**.
- › Ladder extendable in 250 mm steps.
- › **Steel hinge** with locking clamp easy to use. In the freestanding ladder position, the hinge must be released by hand before folding the ladder.
- › Size 4x6 with hinged joint* as 8042 (see on page 19).
- › Solid locking devices with steel core for height adjustment.
- › Set up in stairway mode possible.
- › Low space requirements for storage and transport.

Note:
Hinges must be kept clean and regularly lubricated.

Note:
The standing width of this ladder does not comply with the new version of EN 131-4. Therefore, it may only be used in the upright position when the top end of the ladder is leaned against the wall. It must not be used for crossing over.



Number of rungs	4x4	4x5	4x6*
Stile (approx. mm)	60	60	60
Number of rungs at max. extension	14	18	22
Length leaning ladder (approx. m)	2.35 – 4.02	2.90 – 5.14	3.46 – 6.26
Standing height freestanding ladder (approx. m)	1.26	1.80	2.35
Reach height freestanding ladder (approx. m)	3.26	3.80	4.35
Standing height leaning ladder (approx. m)	3.00	4.10	5.20
Reach height leaning ladder (approx. m)	5.00	6.10	7.20
Vertical height freestanding ladder (approx. m)	1.15 – 1.95	1.40 – 2.49	1.70 – 3.03
Width as freestanding ladder top/bottom (approx. mm)	355/560	355/630	355/700
Folded LxWxH (approx. m)	1.20x0.55x0.20	1.50x0.65x0.20	1.80x0.70x0.20
Base width retracted/extended (approx. m)	0.87/1.36	1.03/1.72	1.20/2.01
Weight (approx. kg)	12.2	15.2	18.0
Order no.	404216	404220	404224

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Folding universal ladder step



Bucket hook for rung ladders



Tool bag



Foot extension



Set of swivelling foot pikes



Fixed castor set



Retrofit kit foldable stabilisers

Spare part:

- › Spare parts set rung covers, order no. 0054047, see on page 134.



Note:
Hinges must be kept clean and regularly lubricated.

Note:
The standing width of this ladder from size 4x4 does not comply with the new version of EN 131-4. Therefore, it may only be used in the upright position when the top end of the ladder is leaned against the wall. It must not be used for crossing over.

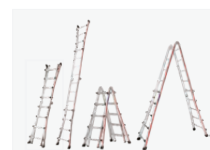
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8042 'TELESTEP' telescopic ladder

- › Versatile for use as **leaning or freestanding ladder**.
- › Ladder extendable in 250 mm steps.
- › Ergonomic and **service-friendly bolted hinges**.
To release the joints simply pull the grip discs on the pin joint outwards and place the ladder in the leaning or freestanding ladder position. The joints engage automatically when the required position is reached. In **freestanding ladders position**, the ladder can **still be closed without re-opening the joints**.
- › **Solid locking devices** made from high-quality cast aluminium for height adjustment.
- › Set up in stairway mode possible.
- › Low space requirements for storage and transport.



Number of rungs	4x3	4x4	4x5	4x6
Stile (approx. mm)	60	60	60	60
Number of rungs at max. extension	10	14	18	22
Length leaning ladder (approx. m)	1.85 – 2.92	2.35 – 4.02	2.90 – 5.14	3.46 – 6.26
Standing height freestanding ladder (approx. m)	0.72	1.26	1.80	2.35
Reach height freestanding ladder (approx. m)	2.72	3.26	3.80	4.35
Standing height leaning ladder (approx. m)	2.10	3.00	4.10	5.20
Reach height leaning ladder (approx. m)	4.10	5.00	6.10	7.20
Vertical height freestanding ladder (approx. m)	0.90 – 1.40	1.15 – 1.95	1.40 – 2.49	1.70 – 3.03
Width as freestanding ladder top/bottom (approx. mm)	355/555	355/560	355/630	355/700
Folded LxWxH (approx. m)	1.00x0.55x0.20	1.20x0.55x0.20	1.50x0.65x0.20	1.80x0.70x0.20
Base width retracted/extended (approx. m)	0.73/1.08	0.90/1.44	1.07/1.80	1.26/2.15
Weight (approx. kg)	11.2	13.2	16.0	20.0
Order no.	804212	804216	804220	804224

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Folding universal ladder step



Bucket hook for rung ladders



Tool bag



Foot extension



Set of swivelling foot pikes



Fixed castor set



Retrofit kit foldable stabilisers

Spare part:

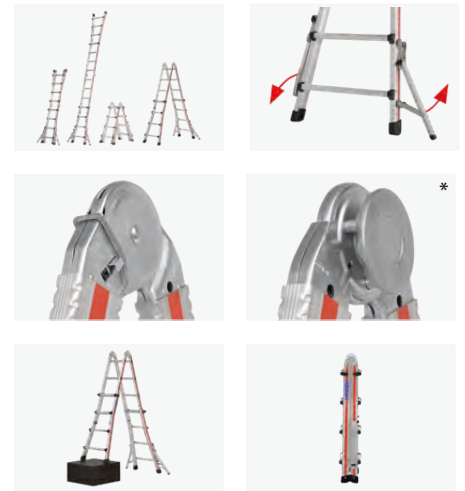
- › Spare parts set rung covers, order no. 0054047, see on page 134.



Note:
Hinges must be kept clean
and regularly lubricated.

4142 Telescopic ladder

- › Versatile for use as **leaning or freestanding ladder**.
- › Ladder extendable in 250 mm steps.
- › With **foldable stabilisers** for higher stability (complies with EN 131-1).
- › **Steel hinge** with locking clamp easy to use. In the freestanding ladder position, the hinge must be released by hand before folding the ladder.
- › Size 4x6 with hinged joint* as 8142 (see on page 21).
- › Solid locking devices with steel core for height adjustment.
- › Set up in stairway mode possible.
- › Low space requirements for storage and transport.



Number of rungs	4x4	4x5	4x6
Stile (approx. mm)	60	60	60
Number of rungs at max. extension	14	18	22
Length leaning ladder (approx. m)	2.35 – 4.02	2.90 – 5.14	3.46 – 6.26
Standing height freestanding ladder (approx. m)	1.26	1.80	2.35
Reach height freestanding ladder (approx. m)	3.26	3.80	4.35
Standing height leaning ladder (approx. m)	3.00	4.10	5.20
Reach height leaning ladder (approx. m)	5.00	6.10	7.20
Vertical height freestanding ladder (approx. m)	1.15 – 1.95	1.40 – 2.49	1.70 – 3.03
Width as freestanding ladder top/bottom (approx. mm)	355/830	355/945	355/1,055
Folded LxWxH (approx. m)	1.20x0.60x0.20	1.50x0.70x0.20	1.80x0.75x0.20
Base width retracted/extended (approx. m)	0.87/1.36	1.03/1.72	1.20/2.01
Weight (approx. kg)	13.2	16.2	19.0
Order no.	414216	414220	414224

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Folding universal
ladder step



Bucket hook
for rung ladders



Tool bag



Foot extension



Set of swivelling
foot pikes



Fixed castor set

Spare part:

- › Spare parts set rung covers, order no. 0054047, see on page 134.



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Note:
Hinges must be kept clean
and regularly lubricated.

8142 'TELESTEP' telescopic ladder

- › Versatile for use as **leaning or freestanding ladder**.
- › Ladder extendable in 250 mm steps.
- › With **foldable stabilisers** for higher stability (complies with EN 131-1).
- › Ergonomic and **service-friendly bolted hinges**.
To release the joints simply pull the grip discs on the pin joint outwards and place the ladder in the leaning or freestanding ladder position. The joints engage automatically when the required position is reached. In **freestanding ladders position**, the ladder can **still be closed without re-opening the joints**.
- › **Solid locking devices** made from high-quality cast aluminium for height adjustment.
- › Set up in stairway mode possible.
- › Low space requirements for storage and transport.



Number of rungs	4×4	4×5	4×6
Stile (approx. mm)	60	60	60
Number of rungs at max. extension	14	18	22
Length leaning ladder (approx. m)	2.35 – 4.02	2.90 – 5.14	3.46 – 6.26
Standing height freestanding ladder (approx. m)	1.26	1.80	2.35
Reach height freestanding ladder (approx. m)	3.26	3.80	4.35
Standing height leaning ladder (approx. m)	3.00	4.10	5.20
Reach height leaning ladder (approx. m)	5.00	6.10	7.20
Vertical height freestanding ladder (approx. m)	1.15 – 1.95	1.40 – 2.49	1.70 – 3.03
Width as freestanding ladder top/bottom (approx. mm)	355/830	355/945	355/1,055
Folded L×W×H (approx. m)	1.20×0.60×0.20	1.50×0.70×0.20	1.80×0.75×0.20
Base width retracted/extended (approx. m)	0.90/1.44	1.07/1.80	1.26/2.15
Weight (approx. kg)	14.2	17.0	21.0
Order no.	814216	814220	814224

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Folding universal
ladder step



Bucket hook
for rung ladders



Tool bag



Foot extension



Set of swivelling
foot pikes



Fixed castor set

Spare part:

- › Spare parts set rung covers, order no. 0054047, see on page 134.



4045 Combination ladder, two-section

- › Versatile for use as **leaning, extension and freestanding ladder**.
- › Inner width of the ladder 300 mm (top section).
- › Rolled profile rungs.
- › Solid steel fittings.
- › Spreader lock provided by high-strength 25 mm wide perlon straps.
- › Ladder feet press-fitted in stile.
- › **Sturdy cross-beam** for high stability.



Number of rungs	2×8	2×10	2×12
Stile top/bottom (approx. mm)	60/60	66/66	71/71
Number of rungs at max. extension	14	17	21
Length retracted (approx. m)	2.32	2.88	3.44
Length extended (approx. m)	4.00	4.84	5.98
Standing height freestanding ladder (approx. m)	1.52	2.05	2.59
Reach height freestanding ladder (approx. m)	3.52	4.05	4.59
Standing height leaning ladder (approx. m)	2.93	3.74	4.82
Reach height leaning ladder (approx. m)	4.93	5.74	6.82
Vertical height freestanding ladder (approx. m)	2.05	2.58	3.12
Width extended top/bottom (approx. mm)	355/750	355/948	355/948
Base width (approx. m)	1.55	1.94	2.19
Weight (approx. kg)	9.5	12.1	14.9
Order no.	404516	404520	404524

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Ladder holder set for gutters



Folding universal ladder step

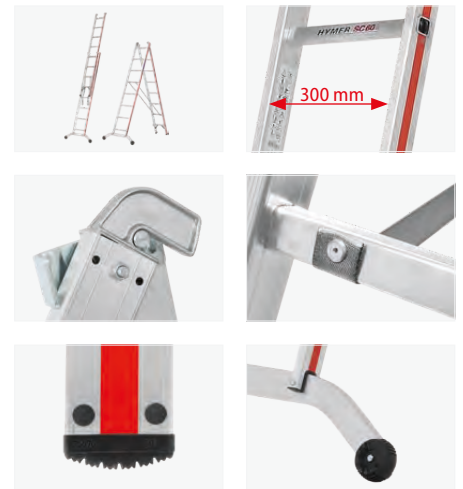


Bucket hook for rung ladders



6045 Combination ladder, two-section

- › Versatile for use as **leaning, extension and freestanding ladder**.
- › Inner width of the ladder 300 mm (top section).
- › Rungs made of high rib **extruded profiles** providing increased slip resistance.
- › Solid steel fittings.
- › Spreader lock provided by high-strength 30 mm wide perlon straps.
- › Sturdy reinforcement braces on first step.
- › **Ladder feet** screwed to the stile, **easily replaceable**.
- › **Arched cross-beam** with 125 mm ground clearance.



Number of rungs	2×6	2×8	2×10	2×12	2×14
Stile top/bottom (approx. mm)	60/60	60/60	66/66	71/71	83/83
Number of rungs at max. extension	10	14	17	21	25
Length retracted (approx. m)	1.83	2.39	2.95	3.52	4.08
Length extended (approx. m)	2.95	4.07	4.91	6.03	7.16
Standing height freestanding ladder (approx. m)	1.07	1.59	2.12	2.66	3.17
Reach height freestanding ladder (approx. m)	3.07	3.59	4.12	4.66	5.17
Standing height leaning ladder (approx. m)	1.92	3.00	3.82	4.90	5.98
Reach height leaning ladder (approx. m)	3.92	5.00	5.82	6.90	7.98
Vertical height freestanding ladder (approx. m)	1.72	2.25	2.78	3.33	3.82
Width extended top/bottom (approx. mm)	355/960	355/960	355/960	355/1,040	355/1,160
Base width (approx. m)	1.25	1.58	1.98	2.26	2.80
Weight (approx. kg)	8.0	9.9	12.6	15.4	18.4
Order no.	604512	604516	604520	604524	604528

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Ladder holder set for gutters



Folding universal ladder step



Bucket hook for rung ladders



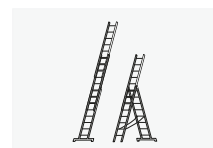
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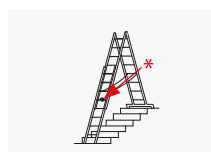
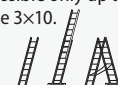


4047 Combination ladder, three-section

- › Versatile for use as **leaning, extension and freestanding ladder**.
- › Inner width of the ladder 300 mm (top section).
- › Rolled profile rungs.
- › Solid steel fittings.
- › Spreader lock provided by high-strength 25 mm wide perlon straps.
- › **Rigid safety bar** against unintentional folding.
- › Set up in stairway mode possible up to size 3×10 with accessory clamp fitting*.
- › Ladder feet press-fitted in stile.
- › **Sturdy cross-beam** for high stability.



These positions are possible only up to size 3×10.



Number of rungs	3×7	3×8	3×9	3×10	3×11	3×12	3×14
Stile top/middle/bottom (approx. mm)	60/66/60	60/71/60	71/83/71	71/83/71	71/83/71	71/89/71	89/89/89
Number of rungs at max. extension	17	19	23	25	27	30	34
Length retracted (approx. m)	2.07	2.35	2.63	2.91	3.19	3.47	4.11
Length leaning ladder extended (approx. m)	4.87	5.43	6.55	7.11	7.67	8.51	9.72
Standing height freestanding ladder extended (approx. m)	2.06	2.59	3.12	3.65	3.92	4.44	5.23
Reach height freestanding ladder extended (approx. m)	4.06	4.59	5.12	5.65	5.92	6.44	7.23
Standing height leaning ladder (approx. m)	3.73	4.29	5.39	5.94	6.49	7.32	8.34
Reach height leaning ladder (approx. m)	5.73	6.29	7.39	7.94	8.49	9.32	10.34
Vertical height freestanding ladder extended (approx. m)	3.29	3.81	4.33	4.86	5.11	5.65	6.53
Width extended top/middle/bottom (approx. mm)	355/425/837	355/425/1,005	355/425/1,005	355/425/1,200	355/425/1,200	355/425/1,200	355/425/1,200
Base width (approx. m)	1.37	1.61	1.80	1.95	2.16	2.34	2.72
Weight (approx. kg)	13.2	15.0	18.0	19.7	22.0	24.2	33.4
Order no.	404721	404724	404727	404730	404733	404736	404742

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Add-on step set for rung ladders



Clamp fitting set for stairway adjustment



Telescopic wall spacer for rung ladders



Ladder holder set for gutters



Folding universal ladder step



Set of foot pikes for cross-beams



Bucket hook for rung ladders



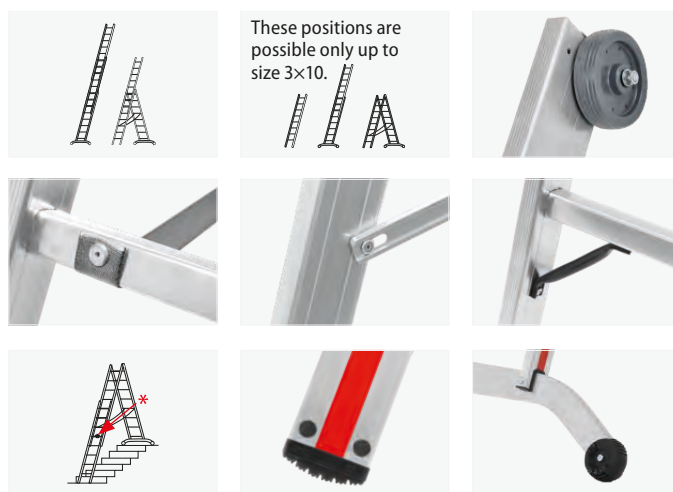
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6047 Combination ladder, three-section

- › Versatile for use as **leaning, extension and freestanding ladder**.
- › Inner width of the ladder 300 mm (top section).
- › Rungs made of high rib **extruded profiles** providing increased slip resistance.
- › Solid steel fittings.
- › With **wall rollers** to easily extend the ladder from size 3×10 upwards.
- › Spreader lock provided by high-strength 30 mm wide perlon straps.
- › Two **rigid safety bars** against unintentional folding (from size 3×7 upwards).
- › Sturdy reinforcement braces on first step.
- › Set up in stairway mode possible up to size 3×10 with clamp fitting*. Up to size 3×9 pre-fitted as standard, for size 3×10 available as an accessory.
- › Ladder feet screwed to the stile, easily replaceable.
- › **Arched cross-beam** with 125 mm ground clearance.



Number of rungs	3×6	3×7	3×8	3×9	3×10	3×12	3×14
Stile top/middle/bottom (approx. mm)	60/60/60	66/66/66	71/71/71	83/83/83	83/83/83	89/89/89	89/89/89
Number of rungs at max. extension	14	17	19	23	25	30	34
Length retracted (approx. m)	1.87	2.15	2.43	2.71	3.02	3.63	4.17
Length leaning ladder extended (approx. m)	4.11	4.95	5.51	6.63	7.22	8.66	9.78
Standing height freestanding ladder extended (approx. m)	1.60	2.13	2.65	3.20	3.71	4.55	5.31
Reach height freestanding ladder extended (approx. m)	3.60	4.13	4.65	5.20	5.71	6.55	7.31
Standing height leaning ladder (approx. m)	3.00	3.80	4.35	5.45	5.99	7.34	8.42
Reach height leaning ladder (approx. m)	5.00	5.80	6.35	7.45	7.99	9.34	10.42
Vertical height freestanding ladder extended (approx. m)	2.89	3.42	3.95	4.42	4.97	5.80	6.58
Width extended top/middle/bottom (approx. mm)	355/425/1,030	355/425/1,030	355/425/1,030	355/425/1,160	355/425/1,160	355/425/1,285	355/425/1,285
Base width (approx. m)	1.31	1.50	1.64	1.82	2.00	2.36	2.73
Weight (approx. kg)	13.0	14.6	17.6	20.6	23.3	30.0	35.5
Order no.	604718	604721	604724	604727	604730	604736	604742

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Add-on step set
for rung ladders



Clamp fitting set
for stairway
adjustment



Telescopic wall
spacer for rung
ladders



Ladder holder set
for gutters



Folding universal
ladder step



Set of foot pikes
for cross-beams



Bucket hook
for rung ladders



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4023 Rung ladder, double-sided accessible

- › Conical design prevents tipping.
- › Rolled profile rungs.
- › Screwed easily **replaceable aluminium hinges**.
- › Spreader lock provided by high-strength 25 mm wide perlon straps.
- › Ladder feet press-fitted in stile.



Number of rungs	2×5	2×6	2×7	2×8	2×10	2×12
Stile (approx. mm)	60	60	60	60	60	60
Length (approx. m)	1.47	1.75	2.05	2.33	2.88	3.44
Standing height (approx. m)	0.77	1.00	1.30	1.55	2.07	2.60
Reach height (approx. m)	2.77	3.00	3.30	3.55	4.07	4.60
Vertical height (approx. m)	1.45	1.70	1.95	2.25	2.75	3.30
Width top/bottom (approx. mm)	340/505	340/535	340/565	340/595	340/655	340/715
Base width (approx. m)	0.95	1.15	1.25	1.45	1.85	2.05
Weight (approx. kg)	5.1	6.1	7.3	8.4	10.9	13.6
Order no.	402310	402312	402314	402316	402320	402324

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Add-on step set
for rung ladders



Folding universal
ladder step



Bucket hook
for rung ladders



Tool bag



Foot extension set

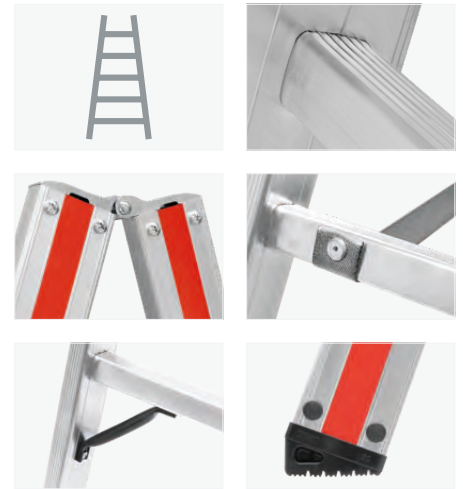
Spare part:

- › Spare parts set hinges, order no. 0054045, see on page 138.



6023 Rung ladder, double-sided accessible

- › Conical design prevents tipping.
- › Rungs made of high rib **extruded profiles** providing increased slip resistance.
- › Screwed easily **replaceable aluminium hinges**.
- › Spreader lock provided by high-strength 30 mm wide perlon straps.
- › **Sturdy reinforcement braces** on first step.
- › **Ladder feet** screwed to the stile, easily **replaceable** and with large bearing surface.



Number of rungs	2×5	2×6	2×7	2×8	2×9	2×10	2×12	2×14	2×16
Stile (approx. mm)	60	60	60	60	60	60	60	71	71
Length (approx. m)	1.57	1.85	2.13	2.40	2.69	2.95	3.53	4.10	4.65
Standing height (approx. m)	0.82	1.09	1.36	1.63	1.90	2.17	2.71	3.25	3.79
Reach height (approx. m)	2.82	3.09	3.36	3.63	3.90	4.17	4.71	5.25	5.79
Vertical height (approx. m)	1.50	1.75	2.00	2.30	2.55	2.85	3.40	3.90	4.45
Width top/bottom (approx. mm)	340/505	340/535	340/565	340/595	340/625	340/655	340/715	340/775	340/835
Base width (approx. m)	1.00	1.15	1.30	1.45	1.60	1.85	2.05	2.40	2.60
Weight (approx. kg)	5.8	6.8	7.8	9.2	10.3	11.4	14.1	18.8	22.5
Order no.	602310	602312	602314	602316	602318	602320	602324	602328	602332

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Add-on step set for rung ladders



Folding universal ladder step



Bucket hook for rung ladders



Tool bag



Foot extension set

Spare parts:

- › Spare parts set hinges, up to size 2×12, order no. 0054045, see on page 138.
- › Spare parts set hinges, from size 2×14, order no. 0054046, see on page 138.



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Note:
Always ascend
and descend
from the
ladder section
with the short
extensions.

4123 Stairway ladder

- › Ideal for work on all stairway types and **uneven surfaces**.
- › Ladder **variably extendable** to any height thanks to foot extensions (2×1,000 mm, 2×370 mm).
- › Conical design **prevents tipping**.
- › Rolled profile rungs.
- › Spreader lock provided by high-strength 25 mm wide perlon straps.
- › **Patented locking device** with brake shoes.



Number of rungs	2×5	2×6	2×7	2×8
Stile (approx. mm)	60	60	60	60
Length ⁽¹⁾ (approx. m)	1.47	1.75	2.05	2.35
Standing height ⁽¹⁾ (approx. m)	0.77	1.00	1.30	1.55
Reach height ⁽¹⁾ (approx. m)	2.77	3.00	3.30	3.55
Vertical height ⁽¹⁾ (approx. m)	1.45	1.70	1.95	2.25
Width ⁽¹⁾ top/bottom (approx. mm)	340/505	340/535	340/565	340/595
Base width ⁽¹⁾ (approx. m)	0.95	1.15	1.25	1.45
Weight (approx. kg)	12.0	12.8	13.8	15.0
Order no.	412310	412312	412314	412316

⁽¹⁾ Dimensions without foot extensions.

For an explanation of standing/reach height see on page 5.

Recommended accessory:



Add-on step set
for rung ladders

Spare parts:

- › Foot extension set, length 0.74 m, order no. 0053229, see on page 136.
- › Foot extension set, length 1.37 m, order no. 0050376, see on page 136.
- › Spare parts set star grip for foot extensions, order no. 0054103, see on page 136.



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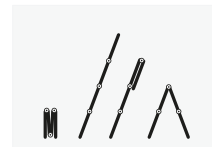
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Note:
Hinges must be kept
clean and regularly
lubricated.

4043/4143 Multipurpose ladder

- › **NEW:** size 4×3 including platform for use as working platform or stairway working platform.
- › Versatile for use as **leaning or freestanding ladder**.
- › Rolled profile rungs.
- › **Steel hinge with locking clamp, easy to use,** locks automatically in every position.
- › **Sturdy cross-beam** for high stability.
- › **Low space requirements** for storage and transport.



These positions
are only possible
for size 4×3.



Number of rungs	4×3	4×4
Stile (approx. mm)	60	60
Length leaning ladder (approx. m)	3.47	4.59
Standing height freestanding ladder (approx. m)	1.01	1.55
Reach height freestanding ladder (approx. m)	3.01	3.55
Standing height leaning ladder (approx. m)	2.50	3.60
Reach height leaning ladder (approx. m)	4.50	5.60
Working platform L×W×H (approx. m)	1.40×0.29×0.90	impossible
Folded L×W×H (approx. m)	0.90×0.70×0.30	1.20×0.81×0.30
Vertical height freestanding ladder (approx. m)	1.70	2.25
Width as freestanding ladder top/bottom (approx. mm)	355/697	355/810
Base width (approx. m)	1.15	1.48
Weight (approx. kg)	15.5	14.6
Order no.	414312	404316

For an explanation of standing/reach height see on page 5.

Spare part:

- › Platform for size 4×3, order no. 0079639, see on page 141.



8013 'ZoomMaster®' telescopic leaning ladder

- › Quick and easy to extend to various heights. Requires little space to transport and store.
- › **Protected fingers** when retracting the ladder through unique damping with patented 'Air-Bag-System®'.
- › **Comfortable posture** and correct automatic leaning angle thanks to ingenious **wall-distance holder**.
- › **Integrated tool bag** to keep tools and small parts at the ready.
- › **Central lock** to retract all rungs with just one action.
- › Each rung has a **red locking indicator** to show that rungs are locked in extended position.
- › Ladder easy to carry thanks to practical hand grips.
- › Easy to climb thanks to **wide** non-slip **rungs** with 65 mm rung depth.
- › **Anodised stiles** avoid dirty hands from aluminium abrasion.



Number of rungs	11	13
Length retracted (approx. m)	0.91	0.97
Length extended (approx. m)	3.36	3.96
Standing height (approx. m)	2.32	2.90
Reach height (approx. m)	4.32	4.90
Width top/bottom (approx. mm)	460/845	460/905
Weight (approx. kg)	14.7	17.5
Order no.	801311	801313

For an explanation of standing/reach height see on page 5.

Spare parts:

- › Cross-beam shoes set, order no. 008961, see on page 142.
- › Spare parts set cross-beam, order no. 008963, see on page 142.
- › Spare parts set rubber rests, order no. 008964, see on page 142.
- › Spare parts set wall spacer with bag, order no. 008967, see on page 142.



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Note:
This ladder is not a leaning
ladder as stipulated by
EN 131-1 and may not be
leaned without restraints.
It may only be used when
hooked in place.

6092 Hookable extension ladder

- › Ideal for **hooking into shelves**.
- › Ladder extendable in 250 mm steps.
- › **Variably extendable handrails** with quick lock.
- › Convenient inner width of the ladder 500 mm.
- › **Comfortable, wide rungs** with 45 mm rung depth.
- › Solid locking devices with steel core for height adjustment.
- › **Incl. hook set (Ø 60 mm)**.



Number of rungs	2×8	2×9	11+12
Stile top/bottom (approx. mm)	60/60	60/60	60/60
Number of rungs at max. extension	13	15	20
Length retracted (approx. m)	2.23	2.47	3.22
Length extended (approx. m)	3.22	3.72	4.97
Standing height (approx. m)	2.02 – 2.95	2.25 – 3.35	2.72 – 4.57
Reach height (approx. m)	4.02 – 4.95	4.25 – 5.35	4.72 – 6.57
Vertical height up to leaning point (approx. m)	2.03 – 2.96	2.26 – 3.35	2.72 – 4.58
Width (approx. mm)	550	550	550
Total width incl. handrail (approx. mm)	662	662	662
Weight (approx. kg)	18.2	20.0	25.6
Order no.	609204	609215	609205

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Cross-beam
for ladder section



Suspension set



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4011 Rung leaning ladder

- › Inner width of the ladder 300 mm.
- › Rolled profile rungs.
- › Ladder feet press-fitted in stile up to size 10.
- › With **cross-beam** from size 12 upwards.



Number of rungs	6	8	10	12	14	16	18
Stile (approx. mm)	60	60	60	60	60	66	66
Length (approx. m)	1.78	2.34	2.90	3.47	4.03	4.59	5.15
Standing height (approx. m)	0.75	1.29	1.83	2.37	2.91	3.45	3.99
Reach height (approx. m)	2.75	3.29	3.83	4.37	4.91	5.45	5.99
Width top/bottom (approx. mm)	355/355	355/355	355/355	355/697	355/810	355/810	355/921
Weight (approx. kg)	2.9	3.7	4.6	6.4	7.3	8.6	9.6
Order no.	401106	401108	401110	401112	401114	401116	401118

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Add-on step set
for rung ladders



Cross-beam
for ladder section



Suspension
hook set



Suspension set



Retrofit kit telescopic
stabilisers



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6011 Rung leaning ladder

- › Inner width of the ladder 370 mm.
- › Rungs made of high rib **extruded profiles** providing increased slip resistance.
- › Sturdy reinforcement braces on first step up to size 10.
- › **Ladder feet** screwed to the stile up to size 10, easily **replaceable**.
- › **Arched cross-beam** from size 12 upwards (125 mm ground clearance).



Number of rungs	6	7	8	9	10	12	14	16	18	20	22
Stile (approx. mm)	60	60	60	60	60	60	60	66	71	71	71
Length (approx. m)	1.88	2.16	2.44	2.72	3.00	3.56	4.12	4.68	5.24	5.80	6.36
Standing height (approx. m)	0.82	1.09	1.36	1.63	1.90	2.44	2.98	3.52	4.06	4.60	5.14
Reach height (approx. m)	2.82	3.09	3.36	3.63	3.90	4.44	4.98	5.52	6.06	6.60	7.14
Width top/bottom (approx. mm)	425/425	425/425	425/425	425/425	425/425	425/962	425/962	425/1,041	425/1,041	425/1,142	425/1,142
Weight (approx. kg)	3.3	3.8	4.2	4.6	5.2	7.3	8.3	9.7	11.2	12.5	13.6
Order no.	601106	601107	601108	601109	601110	601112	601114	601116	601118	601120	601122

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Add-on step set
for rung ladders



Cross-beam
for ladder section



Suspension
hook set



Suspension set



Retrofit kit telescopic
stabilisers



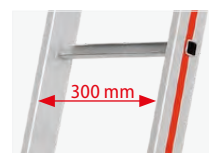
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4046 Extension ladder, two-section

- › Inner width of the ladder 300 mm (top section).
- › Rolled profile rungs.
- › Solid guide fittings made of steel.
- › All sizes with **cross-beam**.



Number of rungs	2×10	2×12	2×14	2×16
Stile top/bottom (approx. mm)	66/66	71/71	83/83	83/83
Number of rungs at max. extension	17	21	25	29
Length retracted (approx. m)	2.91	3.47	4.02	4.59
Length extended (approx. m)	4.87	5.99	7.10	8.22
Standing height (approx. m)	3.74	4.82	5.90	6.98
Reach height (approx. m)	5.74	6.82	7.90	8.98
Width extended top/bottom (approx. mm)	355/950	355/950	355/1,200	355/1,200
Weight (approx. kg)	11.5	14.5	17.5	21.7
Order no.	404620	404624	404628	404632

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Add-on step set
for rung ladders



Set of foot pikes
for cross-beams



Telescopic wall
spacer for rung
ladders



Ladder holder set
for gutters

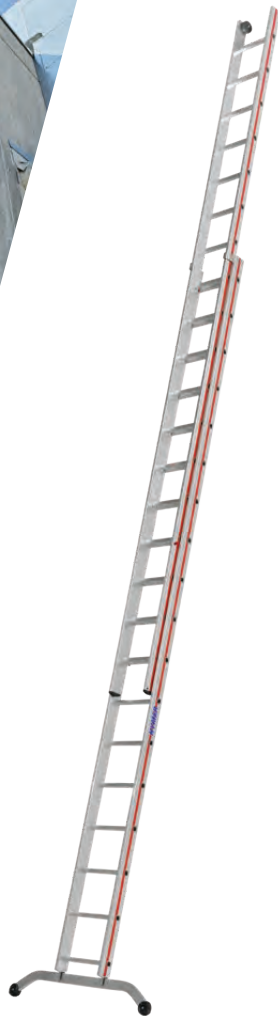


Ladder bracket set
for roof racks



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6046 Extension ladder, two-section

- › Inner width of the ladder 300 mm (top section).
- › Rungs made of high rib **extruded profiles** providing increased slip resistance.
- › The high-quality steel fittings are equipped with plastic sliders on the inside (to ensure better sliding behaviour of sections).
- › With **wall rollers** to easily extend the ladder from size 2×14 upwards.
- › Size 2×6: **folding aluminium feet** with large bearing surface.
- › **Arched cross-beam** from size 2×8 upwards (125 mm ground clearance).



Number of rungs	2×6	2×8	2×10	2×12	2×14	2×16	2×18
Stile top/bottom (approx. mm)	60/60	60/60	66/66	71/71	83/83	89/89	89/89
Number of rungs at max. extension	10	14	17	21	25	29	32
Length retracted (approx. m)	1.85	2.43	2.99	3.55	4.16	4.72	5.28
Length extended (approx. m)	2.97	4.11	4.95	6.07	7.24	8.36	9.15
Standing height (approx. m)	1.92	3.00	3.81	4.89	5.97	7.05	7.86
Reach height (approx. m)	3.92	5.00	5.81	6.89	7.97	9.05	9.86
Width extended top/bottom (approx. mm)	355/440	355/880	355/880	355/955	355/1,075	355/1,200	355/1,200
Weight (approx. kg)	7.3	9.9	12.0	15.2	18.5	23.2	28.6
Order no.	604612	604616	604620	604624	604628	604632	604636

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Add-on step set
for rung ladders



Set of foot pikes
for cross-beams



Telescopic wall
spacer for rung
ladders



Ladder holder set
for gutters



Ladder bracket set
for roof racks



Retrofit kit telescopic
stabilisers



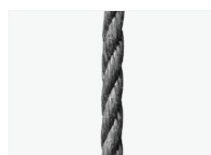
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4051 Rope-operated extension ladder, two-section

- › Inner width of the ladder 300 mm (top section).
- › Rolled profile rungs.
- › Solid guide fittings made of steel.
- › Maximum grip rope (Ø 10 mm), for safe height adjustment.
- › With **wall rollers** to easily extend the ladder.
- › All sizes with **cross-beam**.



Number of rungs	2×14	2×16	2×18	2×20
Stile top/bottom (approx. mm)	83/83	89/89	89/89	89/89
Number of rungs at max. extension	25	29	32	36
Length retracted (approx. m)	4.11	4.67	5.23	5.79
Length extended (approx. m)	7.18	8.30	9.14	10.26
Standing height (approx. m)	5.97	7.05	7.86	8.95
Reach height (approx. m)	7.97	9.05	9.86	10.95
Width extended top/bottom (approx. mm)	355/1,200	355/1,200	355/1,200	355/1,200
Weight (approx. kg)	18.8	23.5	26.5	30.4
Order no.	405128	405132	405136	405140

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Set of foot pikes
for cross-beams



Telescopic wall
spacer for rung
ladders



Ladder holder set
for gutters



Ladder bracket set
for roof racks



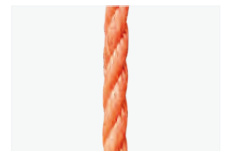
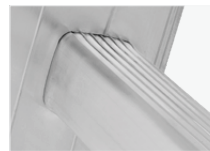
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6051 Rope-operated extension ladder, two-section

- › Inner width of the ladder 300 mm (top section).
- › Rungs made of high rib **extruded profiles** providing increased slip resistance.
- › **Inside fittings** ensure better guidance and high stability. The stile can be held on the outside when extending and retracting the ladder without the risk of crushing fingers.
- › Maximum grip rope (Ø 12 mm), for safe height adjustment.
- › With **wall rollers** to easily extend the ladder.
- › With fold-out **telescopic stabilisers** (save space when transporting).
- › Aluminium folding feet with large bearing surface and high stability.



Number of rungs	2×14	2×16	2×18	2×20	2×22
Stile top/bottom (approx. mm)	89/89	89/89	89/89	100/100	100/100
Number of rungs at max. extension	25	29	32	36	40
Length retracted (approx. m)	4.18	4.74	5.30	5.86	6.42
Length extended (approx. m)	7.26	8.38	9.22	10.34	11.46
Standing height (approx. m)	6.19	7.29	8.12	9.22	10.32
Reach height (approx. m)	8.19	9.29	10.12	11.22	12.32
Width extended top/bottom (approx. mm)	355/1,400	355/1,400	355/1,400	355/1,400	355/1,400
Weight (approx. kg)	25.1	27.4	31.2	36.8	41.6
Order no.	605128	605132	605136	605140	605144

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Set of foot pikes for stiles



Telescopic wall spacer for rung ladders



Ladder holder set for gutters



Ladder bracket set for roof racks



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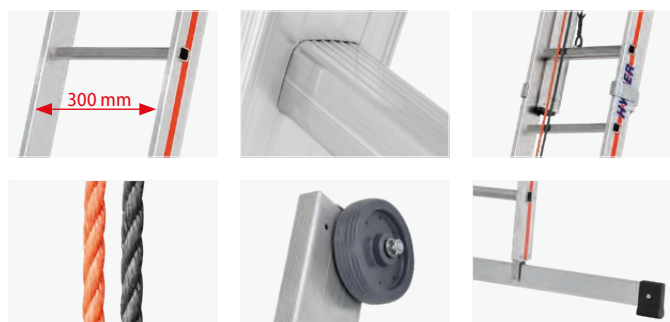
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Note:
Middle section must
be extended at least
two rungs before the ladder
is fully extended.

4061 Rope-operated extension ladder, three-section

- › Inner width of the ladder 300 mm (top section).
- › Rolled profile rungs.
- › Solid guide fittings made of steel.
- › Maximum grip ropes in different colours to distinguish top section Ø 10 mm, colour orange; middle section Ø 10 mm, colour black.
- › With **wall rollers** to easily extend the ladder.
- › All sizes with **cross-beam**.



Number of rungs	3×12	3×14	3×16
Stile top/middle/bottom (approx. mm)	83/89/83	89/89/89	89/100/89
Number of rungs at max. extension	29	34	39
Length retracted (approx. m)	3.57	4.13	4.70
Length extended (approx. m)	8.34	9.74	11.14
Standing height (approx. m)	6.57	7.84	9.10
Reach height (approx. m)	8.57	9.84	11.10
Width extended top/middle/bottom (approx. mm)	355/425/1,200	355/425/1,200	355/425/1,200
Weight (approx. kg)	29.5	34.4	41.9
Order no.	406136	406142	406148

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Set of foot pikes
for cross-beams



Telescopic wall
spacer for rung
ladders



Ladder holder set
for gutters

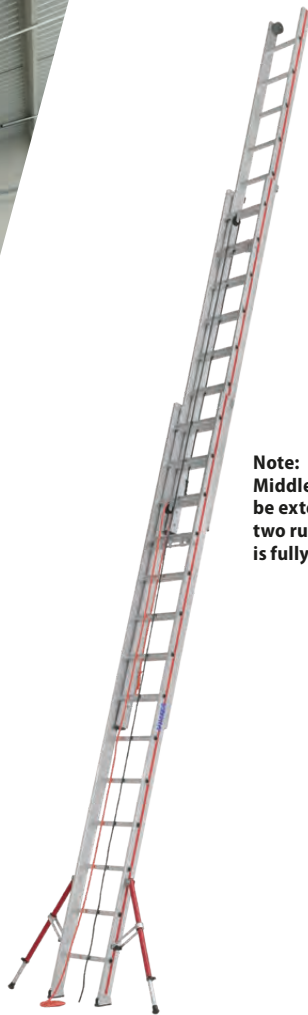


Ladder bracket set
for roof racks



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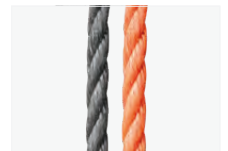
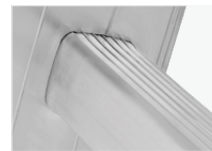
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Note:
Middle section must
be extended at least
two rungs before the ladder
is fully extended.

6261 Rope-operated extension ladder, three-section

- › Inner width of the ladder 300 mm (top section).
- › Rungs made of high rib **extruded profiles** providing increased slip resistance.
- › **Inside fittings** ensure better guidance and high stability. The stile can be held on the outside when extending and retracting the ladder without the risk of crushing fingers.
- › Maximum grip ropes in different colours to distinguish top section Ø 10 mm, colour black; middle section Ø 12 mm, colour orange.
- › With **wall rollers** to easily extend the ladder.
- › With fold-out **telescopic stabilisers** (save space when transporting).
- › Aluminium folding feet with large bearing surface and high stability.



Number of rungs	3×14	3×16	3×18
Stile top/middle/bottom (approx. mm)	89/89/89	100/100/100	100/100/100
Number of rungs at max. extension	34	40	43
Length retracted (approx. m)	4.18	4.75	5.30
Length extended (approx. m)	9.80	11.46	12.30
Standing height (approx. m)	8.43	10.06	10.84
Reach height (approx. m)	10.43	12.06	12.84
Width extended top/middle/bottom (approx. mm)	355/425/1,470	355/425/1,470	355/425/1,470
Weight (approx. kg)	37.1	45.1	51.7
Order no.	626142	626148	626154

For an explanation of standing/reach height see on page 5.

Recommended accessories:



Set of foot pikes
for stiles



Telescopic wall
spacer for rung
ladders



Ladder holder set
for gutters



Ladder bracket set
for roof racks



Working platforms and steps

Servicing and assembly step page 41

Safety steps page 42

Industrial step page 44

Step stand page 46

Aluminium step page 48



71020 Servicing and assembly step

- › Ideal for **warehousing and maintenance work**.
- › **Sturdy cast platform** with 400×300 mm step surface.
- › High stability by **welded stile/rung connections**.
- › Comfortable, **wide steps** with 80 mm step depth.
- › **Rigid safety bar** against unintentional folding.
- › Low space requirements for storage and transport.



Number of steps incl. platform	2	3	4
Stile (approx. mm)	80	80	80
Standing height (approx. m)	0.42	0.62	0.84
Reach height (approx. m)	2.42	2.62	2.84
Vertical height (approx. m)	0.42	0.62	0.84
Width top/bottom (approx. mm)	400/530	400/560	400/600
Folded L×W×H (approx. m)	0,69×0,53×0,17	0,91×0,55×0,17	1,13×0,60×0,17
Base width (approx. m)	0.58	0.72	0.88
Platform size (approx. m)	0.40×0.30	0.40×0.30	0.40×0.30
Weight (approx. kg)	4.0	4.7	5.6
Order no.	7102002	7102003	7102004

For an explanation of standing/reach height see on page 5.



6060 Safety step without handrail

- › Extremely **stable, folding safety step**.
- › Safe ascent and descent thanks to 47° angle of inclination.
- › **Step width 360 mm and step depth 230 mm.**
- › Steps with non-slip rubber coating.
- › High tensile and pressure-resistant bracing between ladder and support section.



Number of steps	2	3
Standing height (height top step) (approx. m)	0.45	0.70
Reach height (approx. m)	2.45	2.70
Width (approx. mm)	480	560
Folded L×W×H (approx. m)	0.55×0.49×0.08	1.12×0.55×0.08
Base width (approx. m)	0.55	0.90
Weight (approx. kg)	5.0	8.4
Order no.	606002	606003

For an explanation of standing/reach height see on page 5.

Recommended accessory:



Set of spring-loaded castors

- › Important: Safety steps can only be fitted with a castor set from 3 steps or more!
- › Order no. 008951

Spare parts:

- › Ladder feet set for size 2, order no. 0054975, see on page 132.
- › Ladder feet set for size 3, order no. 0054635, see on page 132.
- › Rubber coating, order no. 0054830, see on page 143.



6061 Safety step with handrail

- › Extremely **stable, folding safety step**.
- › Safe ascent and descent thanks to 47° angle of inclination.
- › **Step width 360 mm and step depth 230 mm.**
- › Steps with non-slip rubber coating.
- › High tensile and pressure-resistant bracing between ladder and support section.
- › With **folding support bracket and functional tray**.



Number of steps	3	4	5
Standing height (height top step) (approx. m)	0.70	0.90	1.15
Reach height (approx. m)	2.70	2.90	3.15
Width (approx. mm)	560	580	600
Folded L×W×H (approx. m)	1.12×0.55×0.12	1.43×0.57×0.12	1.75×0.59×0.12
Base width (approx. m)	0.90	1.15	1.50
Weight (approx. kg)	8.4	10.6	12.8
Order no.	606103	606104	606105

For an explanation of standing/reach height see on page 5.

Recommended accessory:



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Set of spring-loaded castors

- › Order no. 008951

Spare parts:

- › Ladder feet set for size 3 to 5, order no. 0054635, see on page 132.
- › Rubber coating, order no. 0054830, see on page 143.
- › Spare parts set tool tray, order no. 0054829, see on page 141.



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2271 Industrial step

- › Ideal for **plant and machine operation and maintenance work**.
- › Single **modules combinable** with different constructions.
- › The parallel design allows the step to be fully extended against machines and walls.
- › **Sold side walls** for extreme stability and long life.
- › **Screw connections** permit simple low-cost replacement of components.
- › Aluminium profiled step with **step depth 250 mm**, alternative steel or aluminium grating steps with step depth 240 mm. Other treads on request.
- › Vertical step distance 200 mm.
- › Comfortable **top step with about 470 mm step depth** and back-yellow marking of front step edge.
- › With **castors** to relocate the step easily.
- › Floor mounting at existing angle.
- › Shipped fully pre-assembled at the factory.
- › Permissible load 150 kg (1.5 kN).
- › Not available on stock. Production on order, therefore, no exchange possible.



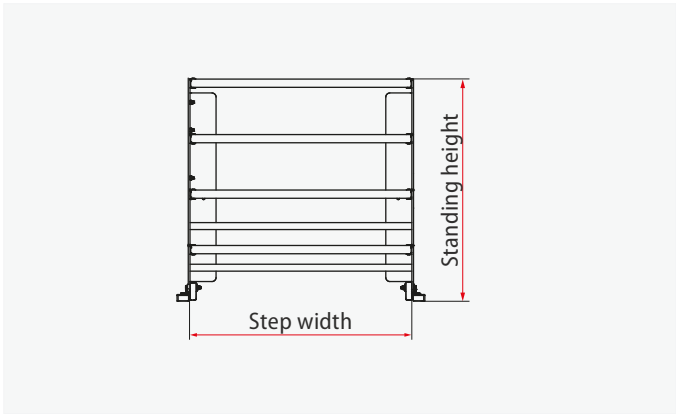
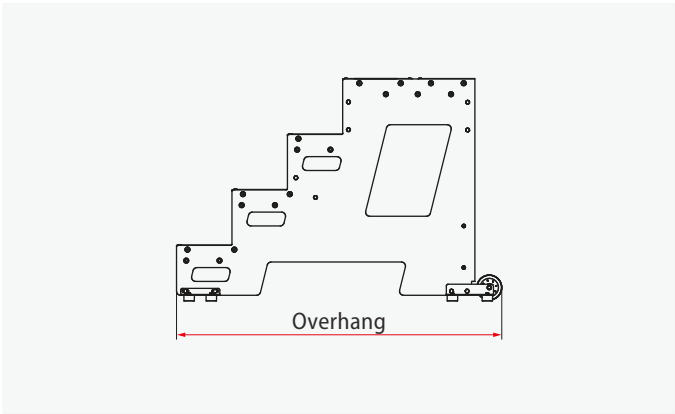
Basic modules

Step width (mm)	600			800			1,000		
Number of steps	2	3	4	2	3	4	2	3	4
Standing height (height top step) (approx. m)	0.4	0.6	0.8	0.4	0.6	0.8	0.4	0.6	0.8
Reach height (approx. m)	2.4	2.6	2.8	2.4	2.6	2.8	2.4	2.6	2.8
Overhang (approx. m)	0.78	1.05	1.25	0.78	1.05	1.25	0.78	1.05	1.25
Weight (approx. kg)	14.5	23.0	29.5	16.0	25.0	32.0	17.5	27.0	34.5
Order no.	22710602	22710603	22710604	22710802	22710803	22710804	22711002	22711003	22711004

For an explanation of standing/reach height see on page 5.

Extension sets

Step width (mm)	600			800			1,000		
Number of steps	2	3	4	2	3	4	2	3	4
Weight (approx. kg)	10.5	16.0	20.5	12.0	18.0	23.0	13.5	20.0	25.5
Order no.	22720602	22720603	22720604	22720802	22720803	22720804	22721002	22721003	22721004



Recommended accessories:



Holding device for 3-step steps
› For safe and convenient access.
› 1 holding device incl. fastening material.

For number of steps	3
For step width (mm)	600+800+1,000
Weight (approx. kg)	3.5
Order no.	22730003



Holding device for 4-step steps
› For safe and convenient access.
› 1 holding device incl. fastening material.

For number of steps	4
For step width (mm)	600+800+1,000
Weight (approx. kg)	5.0
Order no.	22730004



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Note:
Variations from the
standard measure-
ments, as well step
variants (checkered
plate from aluminium
or steel) available
on demand.



6884 Step stand

- › Ideal for **plant and machine operation and maintenance work**.
- › Safe ascent and descent thanks to 45° angle of inclination.
- › Conical design prevents tipping.
- › **Screw connections** permit simple low-cost replacement of components.
- › **Step width optionally 600, 800 or 1,000 mm.**
- › Vertical step distance 200 mm.
- › Aluminium profile steps with **200 mm step depth**.
- › Platform length 400 mm.
- › Anti-slip plastic feet or shoes.
- › Shipped fully pre-assembled at the factory.
- › Permissible load total 300 kg (3.0 kN).
- › Permissible load of step 150 kg (1.5 kN).
- › Not available on stock. Production on order, therefore, no exchange possible.



Step width (mm)	600			800				1,000			
Number of steps incl. platform	2	3	4	2	3	4	5	2	3	4	5
Standing h. (h. to platform) (approx. m)	0.40	0.60	0.80	0.40	0.60	0.80	1.00	0.40	0.60	0.80	1.00
Reach height (approx. m)	2.40	2.60	2.80	2.40	2.60	2.80	3.00	2.40	2.60	2.80	3.00
Width (approx. mm)	689	716	743	889	916	943	969	1,089	1,116	1,143	1,169
Overhang (approx. m)	0.75	0.95	1.15	0.75	0.95	1.15	1.35	0.75	0.95	1.15	1.35
Weight (approx. kg)	8.5	12.7	16.9	9.5	14.3	19.0	23.8	10.5	15.8	21.0	26.3
Order no.	68840602	68840603	68840604	68840802	68840803	68840804	68840805	68841002	68841003	68841004	68841005

For an explanation of standing/reach height see on page 5.

Recommended accessories for moving:



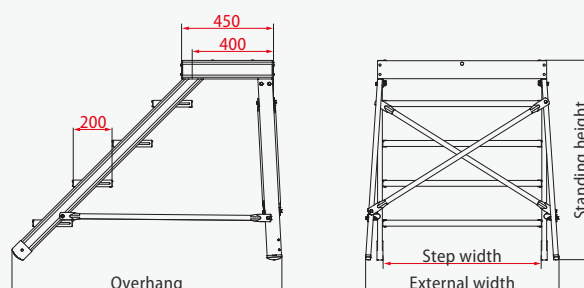
P. 127 Fixed castor set for self assembly

- › Order no. 0054448



P. 127 Fixed castor set assembled at HYMER

- › Order no. 0053471



Recommended accessories for a safe hold:**Guardrail lateral one-sided without handrail**

- › For self assembly.
- › 1 guardrail lateral incl. fastening material.

For step width (mm)	600+800+1,000
For number of steps	2-5
Order no.	0054747

**Handrail one-sided**

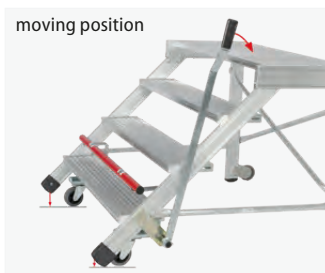
- › Only for use with lateral guardrail.
- › Note: Handrail only from size 04!
- › For self assembly.
- › 1 handrail incl. fastening material.

For step width (mm)	600+800+1,000
For number of steps	4+5
Order no.	0053472

**Guardrail front side**

- › Only for use with 2 lateral guardrails.
- › For self assembly.
- › 1 guardrail front side incl. fastening material.

For step width (mm)	600	800	1,000
For number of steps	2-4	2-5	2-5
Order no.	0053384	0053261	0053385

Optional equipment:**Travelling unit with brake**

- › Easy moving of the step through two fixed and two guide castors.
- › In moving position the step is blocked for ascending.
- › Easy handling with brake handle.
- › Scope of delivery: Travelling unit with brake (incl. two fixed castors and two swivel castors).

For self assembly			
For step width (mm)	600	800	1,000
Order no.	0054991	0054992	0054993

Assembled at HYMER			
For step width (mm)	600	800	1,000
Order no.	0055055	0055056	0055057



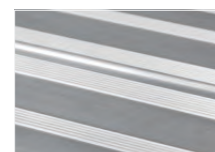
6875 Aluminium step

- › Comfortable working due to **large standing surface**.
- › **Step depth 232 mm, upper step 355 mm.**
- › Vertical step distance 240 mm.
- › Permissible load 150 kg (1.5 kN).
- › Shipped in single parts which are prepared for self-assembly.
- › Fixed castor set to relocate the step and lateral guardrail available as an accessory.

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Number of steps	2	3	4
Stile (approx. mm)	40	40	40
Standing height (height top step) (approx. m)	0.48	0.72	0.96
Reach height (approx. m)	2.48	2.72	2.96
Step width top step (approx. mm)	585	571	556
Step width lowest step (approx. mm)	600	600	600
Overhang (approx. m)	0.68	0.95	1.21
Weight (approx. kg)	7.1	9.7	11.4
Order no.	687526	687536	687546

For an explanation of standing/reach height see on page 5.

Recommended accessories:



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Platform ladders and podiums

Platform ladders page 50

HYMER ProTect page 52

Mobile stockers' ladders page 54





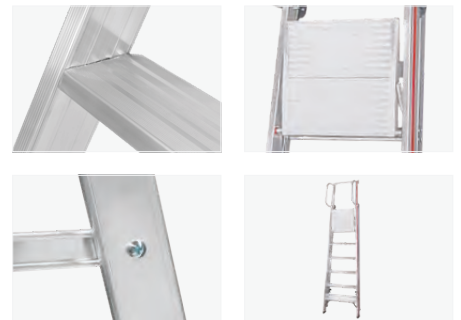
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8080 Platform ladder with handrail

- › Step depth 80 mm.
- › Platform dimensions 440×400 mm.
- › Guardrail height above platform 800 mm.
- › On request, automatically blocking spring-loaded castors can be fitted to the ladder section/support section.
- › Large 450 mm wide **tool tray** for tools and small parts.
- › **Two rigid safety bars** against unintentional folding.
- › Sturdy reinforcement braces on first step.
- › With perlon straps from size 8 upwards.
- › The handrail is delivered unassembled but prepared for self-assembly.



Number of steps incl. platform	4	5	6	7	8	9	10	12
Stile (approx. mm)	71	71	71	71	71	71	71	71
Length (approx. m)	1.95	2.20	2.45	2.70	2.95	3.20	3.45	3.95
Standing height (height to platform) (approx. m)	0.95	1.15	1.40	1.65	1.85	2.10	2.35	2.80
Reach height (approx. m)	2.95	3.15	3.40	3.65	3.85	4.10	4.35	4.80
Vertical height (approx. m)	1.75	2.00	2.20	2.55	2.70	3.00	3.15	3.60
Width (approx. mm)	650	670	700	730	750	780	800	850
Base width (approx. m)	1.00	1.15	1.30	1.60	1.75	1.90	2.05	2.35
Weight (approx. kg)	9.7	10.7	12.0	13.3	14.4	16.0	17.2	22.2
Order no.	808004	808005	808006	808007	808008	808009	808010	808012

For an explanation of standing/reach height see on page 5.

Recommended accessories:



4 spring-loaded castors assembled at HYMER
Swivelling/fixed castors, freely selectable according to variant. (Please specify the desired mounting variant for the spring-loaded castors in your order.)
It is recommended to fit spring-loaded castors depending on the sense of safety of the user

but only up to size 6. For greater heights we recommend the use of tip and roll wheels, see on page 127.



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Sets of spring-loaded castors for self assembly

- › Swivelling/fixed castors freely choosable.

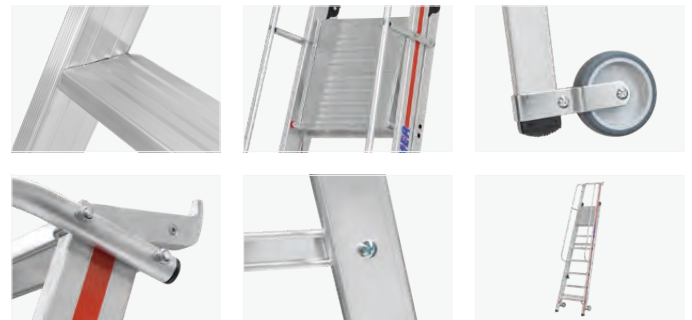
	Variant 1	Variant 2	Variant 3	Variant 4
Ladder section	2 swivelling castors (one of the castors features a locking brake)	2 swivelling castors (one of the castors features a locking brake)	2 fixed castors	2 fixed castors
Support section	2 fixed castors	2 swivelling castors	2 fixed castors	2 swivelling castors

¹Swivelling castor without locking brake; ²Swivelling castor with locking brake; ³Fixed castor



8081 Platform ladder with tip and roll wheels and long handrail

- › Ideal suitable for applications which do not permit use of platform ladders with a wide chassis or require a close approach to shelves.
- › **Step depth 80 mm.**
- › **Platform dimensions 440×400 mm.**
- › Guardrail height above platform 800 mm.
- › Incl. **castors** (Ø 100 mm) to relocate the ladder easily.
- › Easy to shift by lifting the ladder section.
- › **Large 450 mm wide tool tray** for tools and small parts.
- › Two **rigid safety bars** against unintentional folding.
- › Sturdy reinforcement braces on first step.
- › With perlon straps from size 8 upwards.
- › Shipped in single parts which are prepared for self-assembly.



Number of steps incl. platform	4	5	6	7	8	9	10	12
Stile (approx. mm)	71	71	71	71	71	71	71	71
Length (approx. m)	1.95	2.20	2.45	2.70	2.95	3.20	3.45	3.95
Standing height (height to platform) (approx. m)	0.95	1.15	1.40	1.65	1.85	2.10	2.35	2.80
Reach height (approx. m)	2.95	3.15	3.40	3.65	3.85	4.10	4.35	4.80
Vertical height (approx. m)	1.75	2.00	2.20	2.55	2.70	3.00	3.15	3.60
Width (approx. mm)	650	670	700	730	750	780	800	850
Base width (approx. m)	1.15	1.30	1.45	1.60	1.75	1.90	2.05	2.35
Weight (approx. kg)	9.9	10.9	12.2	13.5	14.6	16.2	17.4	22.4
Order no.	808104	808105	808106	808107	808108	808109	808110	808112

For an explanation of standing/reach height see on page 5.

Spare part:

- › Spare parts set tip and roll wheels, order no. 0052316, see on page 144.



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8483 HYMER ProTest

- › The first extendable platform ladder.
- › Safe hands-free working due to **handrails and knee bar on all sides**.
- › Easy access due to **self-closing safety door**.
- › Highly stable due to variably adjustable stabilisers (from size 4).
- › With spacious, practical **tool tray**, for fitting at 2 heights.
- › **Spacious platform 600×425 mm**.
- › Comfortable ascent thanks to **wide rungs 45 mm deep**.
- › Convenient transport thanks to **castors touching the floor when tilting the ladder**.



Number of rungs incl. platform	3	4	5	6	7	8
Stile (approx. mm)	60	60	60	60	60	60
Length (approx. m)	1.85	2.10	2.35	2.60	2.85	3.10
Standing height (height to platform) (approx. m)	0.70	0.93	1.16	1.39	1.62	1.85
Reach height (approx. m)	2.70	2.93	3.16	3.39	3.62	3.85
Vertical height (approx. m)	1.73	1.96	2.19	2.43	2.66	2.89
Width (approx. mm)	650	1,760	1,930	2,110	2,255	2,445
Base width (approx. m)	1.21	1.40	1.59	1.77	1.97	2.18
Folded L×W×H (approx. m)	2.08×0.56×0.25	2.34×0.70×0.25	2.59×0.70×0.25	2.85×0.70×0.25	3.09×0.70×0.25	3.32×0.70×0.25
Weight (approx. kg)	14.2	20.4	22.3	23.4	25.0	26.2
Order no.	848303	848304	848305	848306	848307	848308

For an explanation of standing/reach height see on page 5.

Spare parts:

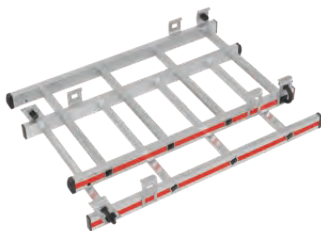
- › See spare parts on page 53.

Extension set for HYMER ProTest

- › Assemble the telescopic platform ladder in a few simple steps.
- › Simply reposition the wheels and plug in the extension set.
- › No tools needed.

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	Stabilisers set	Extension set		
Number of rungs	—	2×3	2×4	2×5
Weight (approx. kg)	4.4	6.1	7.3	8.5
Order no.	0054734	0054730	0054731	0054732

... how to turn ProTest into ProTest⁺



ProTest	+ Stabilisers set (1 pair)	+ Extension set (2 elements)		
		each with 3 rungs	each with 4 rungs	each with 5 rungs
848303	also required	SH: 0.86-1.10 RH: 2.86-3.10	SH: 1.10-1.32 RH: 3.10-3.32	impossible
848304	already included	SH: 0.93-1.32 RH: 2.93-3.32	impossible	impossible
848305	already included	SH: 1.16-1.56 RH: 3.16-3.56	SH: 1.16-1.79 RH: 3.16-3.79	SH: 1.16-2.02 RH: 3.16-4.02
848306	already included	SH: 1.39-1.79 RH: 3.39-3.79	SH: 1.39-2.02 RH: 3.39-4.02	SH: 1.39-2.25 RH: 3.39-4.25
848307	already included	SH: 1.63-2.02 RH: 3.63-4.02	SH: 1.63-2.25 RH: 3.63-4.25	SH: 1.63-2.49 RH: 3.63-4.49
848308	already included	SH: 1.86-2.25 RH: 3.86-4.25	SH: 1.86-2.49 RH: 3.86-4.49	impossible
Order no.	0054734	0054730	0054731	0054732



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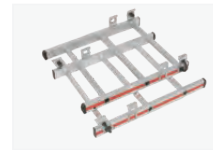
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8484 HYMER ProTect⁺

- › Safe hands-free working due to **handrails and knee bar on all sides**.
- › Easy access due to **self-closing safety door**.
- › Highly stable due to variably adjustable stabilisers.
- › With spacious, practical **tool tray**, for fitting at 2 heights.
- › **Spacious platform 600×425 mm**.
- › Comfortable ascent thanks to **wide rungs 45 mm deep**.
- › With telescoping ladder sections for height adjustment at the distance of a rung.
- › Convenient transport thanks to **castors touching the floor when tilting the ladder**.
- › Set up in stairway mode possible.



Number of rungs incl. platform	3–5	5–8	6–10
Basic ladder included	848303	848305	848306
Extension included	0054730+0054734	0054731	0054732
Stile (approx. mm)	60	60	60
Length (approx. m)	2.06 – 2.31	2.36 – 3.06	2.61 – 3.56
Standing height (height to platform) (approx. m)	0.86 – 1.09	1.15 – 1.77	1.39 – 2.24
Reach height (approx. m)	2.86 – 3.09	3.15 – 3.77	3.39 – 4.24
Vertical height (approx. m)	1.90 – 2.13	2.20 – 2.81	2.43 – 3.29
Width (approx. mm)	1,775 – 1,975	1,925 – 2,410	2,110 – 2,780
Base width (approx. m)	1.50 – 1.64	1.69 – 2.28	1.87 – 2.65
Folded L×W×H (approx. m)	2.30×0.70×0.32	2.59×0.70×0.32	2.85×0.70×0.32
Weight (approx. kg)	25.4	30.4	33.0
Order no.	848405	848408	848410

For an explanation of standing/reach height see on page 5.

Spare parts:

- › Spare parts set ball caps for stabilisers for platform ladders 8483+8484, order no. 0054760 (to version 03/2015) resp. order no. 0054954 (from version 04/2015), see on page 144.
- › Spare parts set castors for platform ladders 8483+8484, order no. 0054665, see on page 144.
- › Spare parts set handrail for platform ladders 8483+8484, order no. 0055236, see on page 145.
- › Spare parts set safety door for platform ladders 8483+8484, order no. 0055239, see on page 145.
- › Tool tray for platform ladders 8483+8484, order no. 0054709, see on page 145.



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6888 Mobile stocker's ladder, single-sided accessible

- › Spacious platform with 600×800 mm step surface.
- › Step depth 200 mm.
- › The parallel design allows the stairs to be fully extended against shelves.
- › Safe hands-free working due to guardrails, knee bars and foot rails on three sides.
- › Guardrail height above platform 1.03 m.
- › 4 spring-loaded castors (Ø 125 mm) which automatically block when steps are ascended; 1 spring-loaded castor on the ladder section has locking brake to secure against rolling away when platform is not loaded.
- › Vertical step distance 243 mm.
- › Permissible load 150 kg (1.5 kN).
- › Shipped in single parts which are prepared for self-assembly.

Note: We advise the use of handrails on both sides from size 5 upwards.



Recommended accessory:
Back protection door, self-closing*



Number of steps incl. platform	3	4	5	6	7	8
Stile (approx. mm)	73	73	73	73	73	73
Standing height (height to platform) (approx. m)	0.73	0.97	1.21	1.46	1.70	1.94
Reach height (approx. m)	2.73	2.97	3.21	3.46	3.70	3.94
Vertical height (approx. m)	1.76	2.00	2.24	2.49	2.73	2.97
Width (approx. mm)	890	890	890	1,070	1,200	1,200
Distance to wall front side to wall (approx. mm)	106	149	192	235	278	321
Base width (approx. m)	1.27	1.45	1.63	1.82	2.00	2.18
Weight (approx. kg)	30.2	34.1	37.7	41.8	45.8	48.8
Order no.	688803	688804	688805	688806	688807	688808

For an explanation of standing/reach height see on page 5.

Recommended accessories:



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Handrail

- › For number of steps 4+5, order no. 0051777
- › For number of steps 6+7, order no. 0051778
- › For number of steps 8, order no. 0051780



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Back protection door, self-closing

- › Order no. 0054880



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6889 Mobile stocker's ladder, double-sided accessible

- › Steps on both sides.
- › **Spacious platform with 600×800 mm step surface.**
- › **Step depth 200 mm.**
- › The parallel design allows the stairs to be fully extended against shelves.
- › Guardrail height above platform 1.03 m.
- › **4 spring-loaded castors** (Ø 125 mm) which automatically block when steps are ascended; 1 spring-loaded castor on each ladder section has locking brake to secure against rolling away when platform is not loaded.
- › Vertical step distance 243 mm.
- › Permissible load 150 kg (1.5 kN).
- › Shipped in single parts which are prepared for self-assembly.

Note: We advise the use of handrails on both sides from size 5 upwards.



Recommended accessory:
Back protection door, self-closing*



Number of steps incl. platform	2×3	2×4	2×5	2×6	2×7	2×8
Stile (approx. mm)	73	73	73	73	73	73
Standing height (height to platform) (approx. m)	0.73	0.97	1.21	1.46	1.70	1.94
Reach height (approx. m)	2.73	2.97	3.21	3.46	3.70	3.94
Vertical height (approx. m)	1.76	2.00	2.24	2.49	2.73	2.97
Width (approx. mm)	890	890	890	1,070	1,200	1,200
Base width (approx. m)	1.51	1.79	2.07	2.35	2.63	2.91
Weight (approx. kg)	32.9	37.9	42.9	49.5	54.9	59.7
Order no.	688903	688904	688905	688906	688907	688908

For an explanation of standing/reach height see on page 5.

Recommended accessories:



P. 129

Handrail

- › For number of steps 4+5, order no. 0051777
- › For number of steps 6+7, order no. 0051778
- › For number of steps 8, order no. 0051780



*

P. 129

Back protection door, self-closing

- › Order no. 0054880



Products for special applications

Roofing products	page 57
Window cleaner's ladder	page 58
Orchard ladders	page 60
Aluminium planks	page 62
Assembly stand	page 64
Fuelling ladder	page 65



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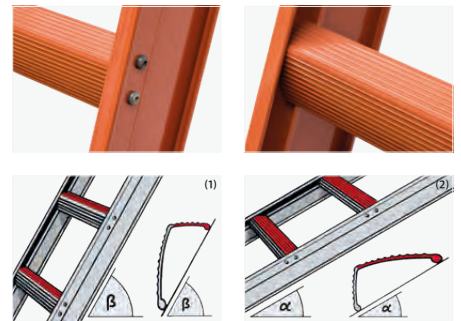
DIN
4567-4



Attention:
Roof ladders must be fixed at right angles to the ridge.
Roof ladders must be secured on the second rung from top with safety roof hooks according to EN 517. The ladder foot is to be secured against moving sideways by more than 30 cm, e.g. with safety roof hooks complying with EN 517.
Up to three ladders can be linked without the need for additional safety roof hooks.

4095/4096/4092/4093 Aluminium roof ladders

- › High torsion rigidity and large support surface due to T-stile profile (85 mm).
- › **Rungs fixed in stile by four screws**, with additional connection in stile.
- › Suitable for roof pitches from 20° to 55°.
- › Attractive design with **stiles closed on the sides**.
- › Rung pitch side ⁽¹⁾ or flat side ⁽²⁾ can be used as tread surface depending on roof pitch.



Colour		4095 natural aluminium			4096 RAL 8004 brick red coated			4092 RAL 7016 anthracite coated			4093 RAL 8014 sepia brown coated		
Number of rungs		7	10	14	7	10	14	7	10	14	7	10	14
Length (approx. m)		1.95	2.80	3.90	1.95	2.80	3.90	1.95	2.80	3.90	1.95	2.80	3.90
Width (approx. mm)		350	350	350	350	350	350	350	350	350	350	350	350
Weight (approx. kg)		3.5	4.9	6.8	3.5	4.9	6.8	3.5	4.9	6.8	3.5	4.9	6.8
Order no.		409507	409510	409514	409607	409610	409614	409207	409210	409214	409307	409310	409314

Recommended accessories:



P. 131

Chimney tread, European standard EN 516, DIN 18160-5

- › Hot-dip galvanised, order no. 008927
- › Brick red, order no. 008928
- › Anthracite, order no. 008930
- › Sepia brown, order no. 008929



P. 131

Ladder ridge hook

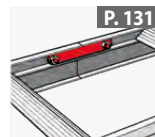
- › Order no. 0055002



P. 131

Safety roof hook type A complying with EN 517 for slate

- › Galvanised, order no. 0054651



P. 131

Connection plates for a flange connection between the ladder sections

- › Order no. 005907



P. 131

Safety roof hook type A complying with EN 517 for tiles and pantiles and other roofings

- › Galvanised, order no. 0054652
- › Brick red, order no. 0054653
- › Sepia brown, order no. 0054654
- › Anthracite, order no. 0054655



P. 131

Anti-lift device

- › Order no. 008940



P. 131

Safety roof hook type A complying with EN 517 for plain tiles

- › Galvanised, order no. 0054656
- › Brick red, order no. 0054657



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Note: The standard applies to window cleaner's ladders and may only be loaded to a maximum of 120 kg. However, HYMER window cleaner's ladders can be loaded up to 150 kg.

5017/5018 Window cleaner's ladder

- › With screwed stile/rung connection and **sturdy cross-beam** for high stability.
- › Extremely sturdy design, even **for heavy duty applications**.
- › Square aluminium stiles, rungs with high rib profile.
- › Lower and middle sections with locking levers to interlock the assembled ladder.
- › Top section with **rubber rest and castor**.
- › Maximum permissible standing height 5.00 m.



	2-section set	3-section set	4-section set	Single lower section	Single lower section (LS)	Single middle section (MS)	Single upper section	Single upper section (US)
	1×LS 501705 +1×US 501708	1×LS 501705 +1×MS 501805 +1×US 501708	1×LS 501705 +2×MS 501805 +1×US 501708	(for length adjustment)				
Number of rungs	13	18	23	2	5	5	6	8
Stile (approx. mm)	73	73	73	73	73	73	73	73
Length (approx. m)	4.30	5.70	7.10	0.90	1.70	1.70	2.30	2.90
Standing height (approx. m)	2.44	3.79	4.86					
Reach height (approx. m)	4.44	5.79	6.86					
Width top/bottom (approx. mm)	110/845	110/845	110/845	350/845	350/845	350/435	110/435	110/435
Weight (approx. kg)	12.9	17.6	22.3	3.3	5.5	4.7	6.0	7.4
Permissible load	150 kg (1.5 kN)	150 kg (1.5 kN)	150 kg (1.5 kN)	150 kg (1.5 kN)	150 kg (1.5 kN)	150 kg (1.5 kN)	150 kg (1.5 kN)	150 kg (1.5 kN)
Order no.	501713	501718	501723	501702	501705	501805	501716	501708

For an explanation of standing/reach height see on page 5.

Recommended accessories:



P. 124



NEW

P. 122

Foot extension for lower section

Accessories set for bolted On-Top-Step for windows cleaner's ladder

Spare parts:

- › Cross-beam shoes set for lower section, order no. 0053483, see on page 133.
- › Ladder feet set for middle and upper sections, order no. 0053477, see on page 132.
- › Spare parts set locking levers for lower and middle sections, order no. 0054638, see on page 143.
- › Spare parts set rubber rest for upper section, order no. 0054636, see on page 143.
- › Spare parts set support blocks for lower and middle sections, order no. 0054637, see on page 143.

Add-on steps for more comfort and safety.

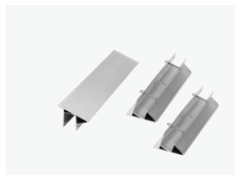
According to the latest German Technical Regulations on Industrial Safety and Health (TRBS), ladders may only be used as a workplace if the employee stands with both feet on a step or platform. Our practical add-on steps allow you to work safely and comfortably and upgrade your ladders to comply with TRBS 2121-2 at the same time.

NEW

What benefits do add-on steps offer?

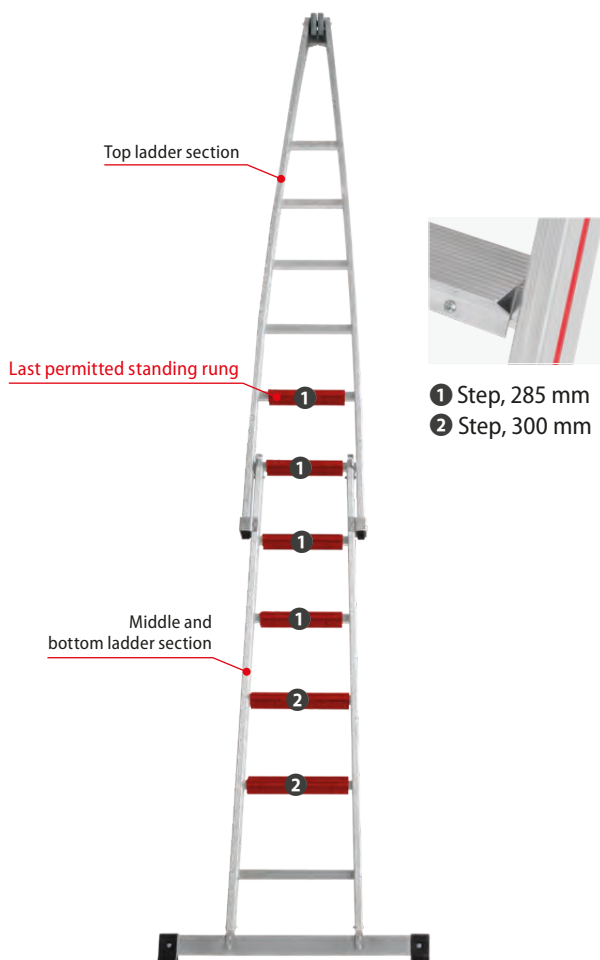
- › Working on rung ladders in compliance with TRBS.
- › Safe, comfortable standing on 80 mm wide steps.
- › Easy and quick to fit.
- › Long-lasting, tested to 50,000 load cycles at 150 kg.
- › Multiple-section ladders can still be extended and collapsed when fitted with add-on steps on the top section.

Example of assembling window cleaners' ladder 2× set 0055317

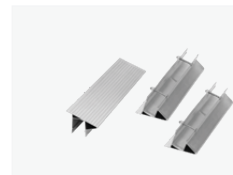


Add-on step set 0055317 for screwed-on rungs

- › For all HYMER window cleaners' ladders with rungs of 30×31 mm.
- › Contents: 2 steps, 285 mm wide and 1 step 300 mm wide incl. fastening materials.

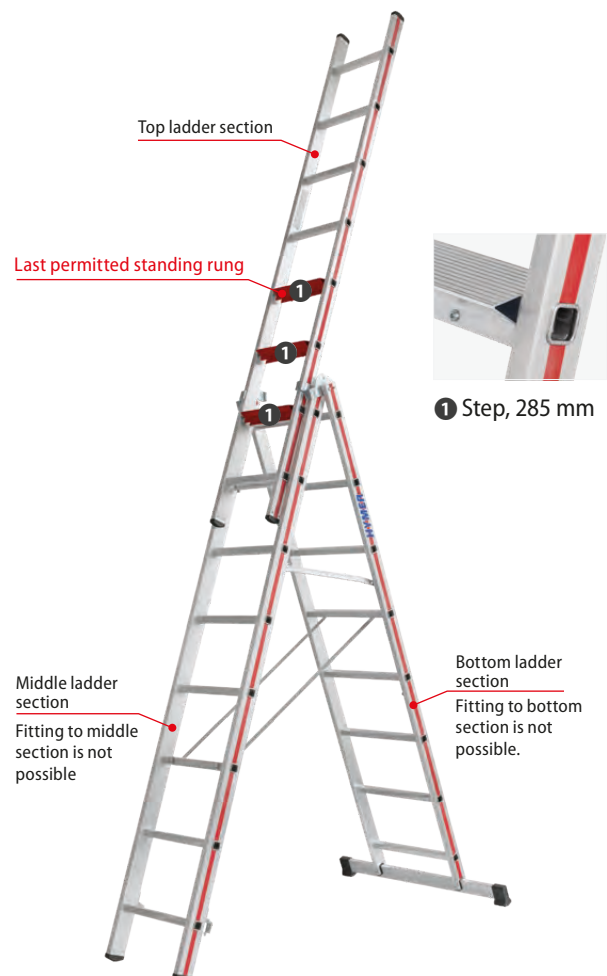


Example of assembling multi-purpose ladder 1× set 0055318



Add-on step set 0055318 for flanged rungs

- › For all HYMER ladders with flanged rungs 30×30 mm.
- › Content: 3 steps, 285 mm wide incl. fastening materials.

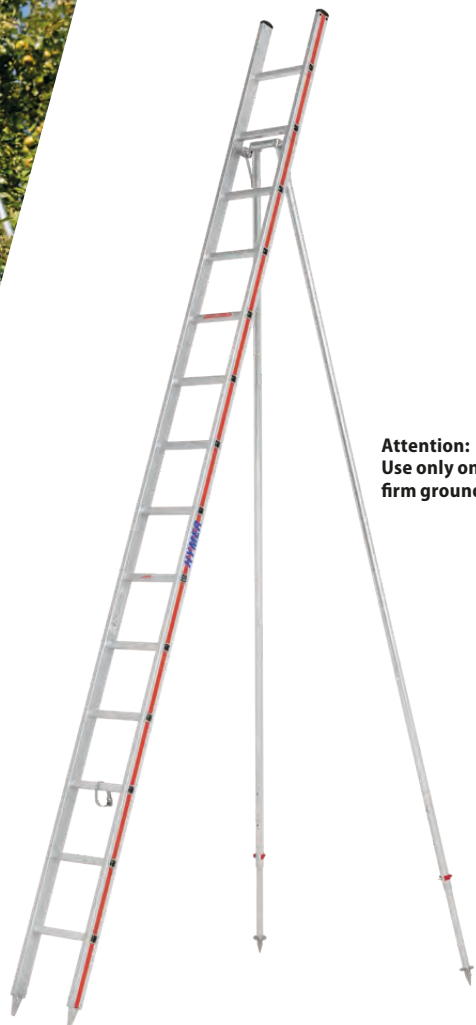




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Attention:
Use only on
firm ground.

3049 Orchard ladder

- › Ideal for **harvesting and tree care**.
- › With **fold-out supports**. Adjustment range 280 mm, within which the supports can be set out at a distance of 140 mm.
- › Standard 70 mm long **aluminium spikes** for optimum stability on soil.
- › With **spirit level** in stile to indicate safe clearance angle.
- › Permissible load 120 kg (1.2 kN).



Number of rungs	12	14
Stile (approx. mm)	60	60
Length (approx. m)	3.67	4.23
Standing height (approx. m)	2.23	2.77
Reach height (approx. m)	4.23	4.77
Width (approx. mm)	355	355
Weight (approx. kg)	10.7	12.1
Order no.	304912	304914

For an explanation of standing/reach height see on page 5.

Tips for using the ladder correctly:

- › The angle of inclination for the supports should be roughly the same as the ladder section.
- › If using on a slope, the length of the supports must be adjusted accordingly.

Spare parts:

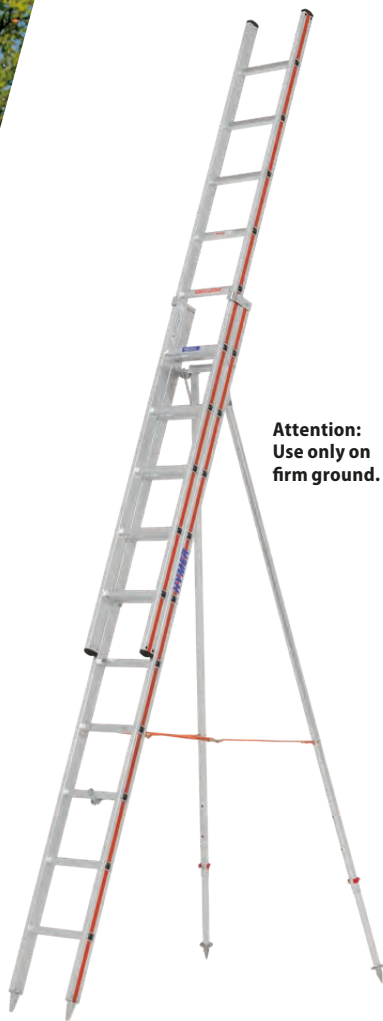
- › Safety plug, order no. 007720, see on page 143.
- › Spare parts set bracket, order no. 0053196, see on page 143.
- › Spare parts set foot pikes, order no. 0054745, see on page 143.



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Attention:
Use only on
firm ground.

3050 Orchard ladder, two-section

- › Ideal for **harvesting and tree care**.
- › With **fold-out supports**. Adjustment range 280 mm, within which the supports can be set out at a distance of 140 mm.
- › Spreader lock provided by adjustable, high-strength perlon ropes.
- › Standard 70 mm long **aluminium spikes** for optimum stability on soil.
- › With **spirit level** in stile to indicate safe clearance angle.
- › Permissible load 120 kg (1.2 kN).



Number of rungs	2×10	2×12	2×14
Stile top/bottom (approx. mm)	60/60	60/60	60/60
Number of rungs at max. extension	18	22	25
Length retracted/extended (approx. m)	3.12/5.35	3.67/6.47	4.24/7.31
Standing height (approx. m)	3.85	4.93	6.02
Reach height (approx. m)	5.85	6.93	8.02
Width extended top/bottom (approx. mm)	355/355	355/355	355/355
Weight (approx. kg)	15.7	20.3	24.9
Order no.	305020	305024	305028

For an explanation of standing/reach height see on page 5.

Tips for using the ladder correctly:

- › The angle of inclination for the supports should be roughly the same as the ladder section.
- › If using on a slope, the length of the supports must be adjusted accordingly.
- › The upper section must be placed firmly against branches and must be used as a freestanding section.
- › The safety strut of the supports must be set so that it is sufficient taut.
- › Free-standing use of extended multi-section orchard ladders is prohibited.

Spare parts:

- › Safety plug, order no. 007720, see on page 143.
- › Spare parts set bracket, order no. 0053196, see on page 143.
- › Spare parts set foot pikes, order no. 0054745, see on page 143.

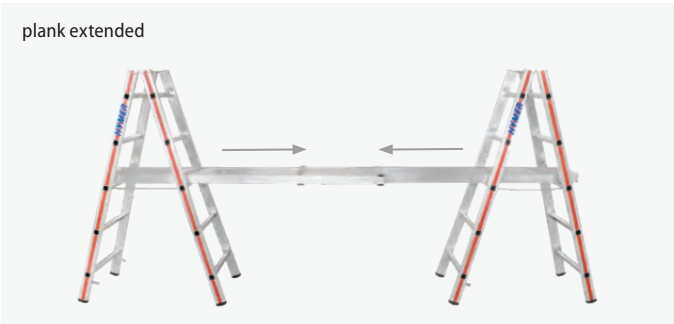


6866 Telescopic aluminium plank

- › Variably extendable on both sides.
- › Permissible load 150 kg (1.5 kN).
- › Maximum permissible standing height 1.00 m.



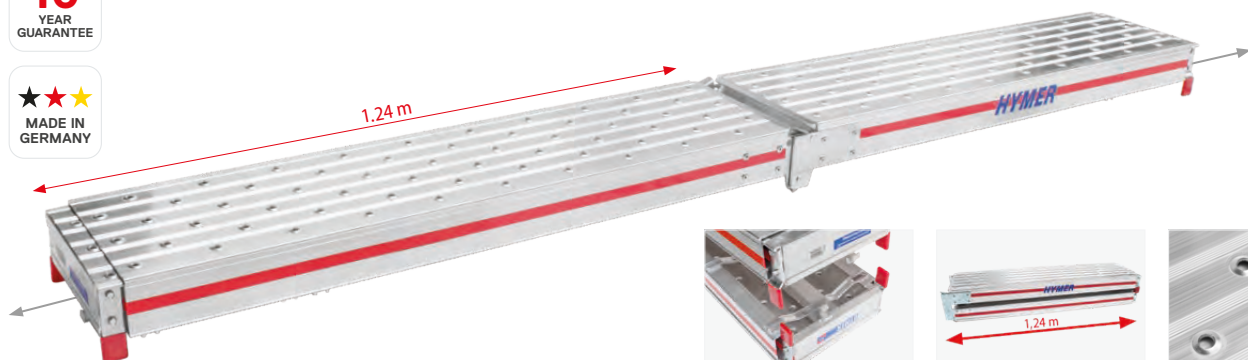
Length (approx. m)	1.79 – 2.90	2.08 – 3.50
Pack size L×W×H (approx. m)	1.79×0.31×0.09	2.08×0.31×0.09
Weight (approx. kg)	12.2	13.9
Order no.	686601	686602





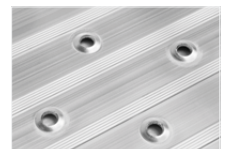
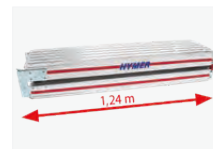
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6859 'TELESTEG' aluminium plank

- › The safe working platform for all kinds of use.
- › Variably **extendable on both sides** up to an overall length of 4.00 m.
- › 2 out of 1: plank can be separated in the middle.
- › **Extremely sturdy design**, even for heavy duty applications.
- › Permissible load 150 kg (1.5 kN) at support width of 3.50 m.
- › Maximum permissible standing height 1.00 m.
- › **Hook locking ❶**: Fast and safer fastener of the two individual elements with locking lever.
- › **Safety device for telescopic rail ❷**: Rocker lever for safe, convenient fixing of the telescopic rail.
- › **Transport lock ❸**: Duplicate function of the safety device for telescopic rail, also acts 'as a transport lock for the stacked individual boards.



Length extended (both sections) (approx. m)

4.00

Length extended (one section) (approx. m)

2.00

Length retracted (one section) (approx. m)

1.24

Pack size L×W×H (approx. m)

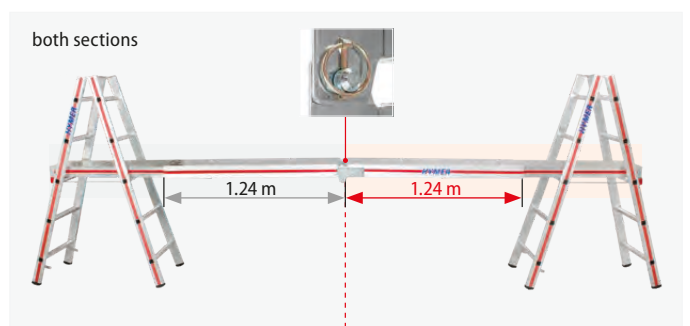
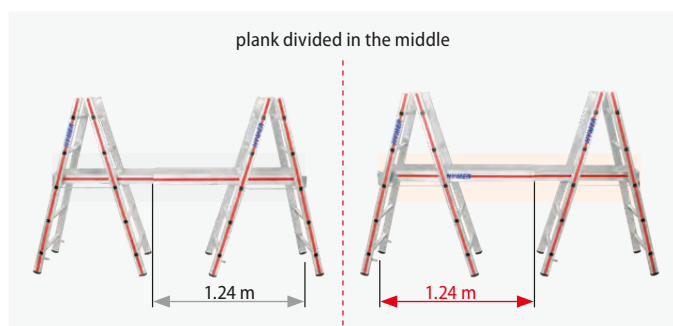
1.25×0.30×0.20

Weight (approx. kg)

22.0

Order no.

685900



Spare parts:

- › Spare parts set cotter pins, order no. 0053500, see on page 146.
- › Spring for hook locking, order no. 003412, see on page 146.
- › Spring for safety device for telescopic rail, order no. 003433, see on page 146.



6864 Assembly stand

- › Extremely sturdy design, even for heavy duty applications.
- › **Assembly in a few simple steps.**
- › Legs lock automatically in working and transport position.
- › **Easy to transport** by grip hole in platform surface.
- › **Ladder feet** screwed to the stile, easily **replaceable**.
- › Permissible load 300 kg (3.0 kN) distributed load.



Working surface LxW (approx. m)	1.70x0.50
Stile (approx. mm)	60
Standing height (approx. m)	0.58
Reach height (approx. m)	2.58
Pack size LxWxH (approx. m)	1.75x0.60x0.20
Weight (approx. kg)	16.9
Order no.	686400

For an explanation of standing/reach height see on page 5.

Recommended accessory:



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Leg extension set
› Order no. 0051856



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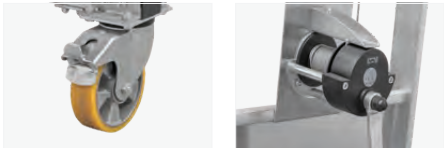
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2280 Fuelling ladder

- › Ideal for **maintenance, refuelling, de-icing and repair work on goods transport vehicles.**
- › Variably extendable with **rope winch.**
- › With optional protection cage.
- › Guardrail height above platform 1,100 mm.
- › Spacious platform 1,000x600 mm.
- › **2 fixed castors and 2 pivoting castors** (Ø 160 mm or 200 mm) for easy relocation.
- › Shipped fully pre-assembled at the factory.
- › Not available on stock. Production on order, therefore, no exchange possible.



Dimensions	
Total height min. (approx. m)	3.79 ¹⁾ /3.83 ²⁾
Total height max. (approx. m)	5.12 ¹⁾ /5.16 ²⁾
Total length min.* (approx. m)	2.42
Total length max.* (approx. m)	2.87
Total width (approx. m)	1.59
Platform height min. (approx. m)	2.66 ¹⁾ /2.70 ²⁾
Platform height max. (approx. m)	3.99 ¹⁾ /4.03 ²⁾
Platform length (approx. mm)	1,000
Platform width (approx. mm)	600
Handrail height (approx. mm)	1,100
Tensile load of rope winch with transfer (kg)	300
Mobile cross-beam (approx. m)	1.00
Chassis length (approx. m)	2.20
Permitted load (kg)	150
Self-weight without basket (approx. kg)	283
Order no.	228001

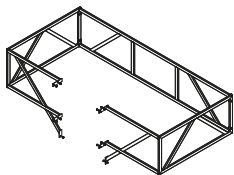
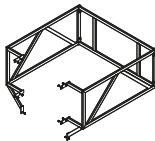
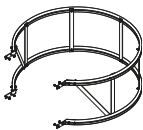
* without basket

¹⁾ with castor diameter Ø 160 mm
²⁾ with castor diameter Ø 200 mm

Mandatory castor module	small	large
Castor diameter (mm)	160	200
Content of set	2 fixed castors (unbraked) and 2 pivoting castors with StopFix (brake)	2 fixed castors (unbraked) and 2 pivoting castors with StopFix (brake)
Order no.	0055221	0055222



Optional basket module	round	small	large
Protective cage dimensions (mm)	Ø 1,300	1,260×1,190	2,500×1,190
Order no.	0055232	0055212	0055213





Mobile towers made from aluminium

The HYMER mobile tower system overview	page 67
Design features of HYMER mobile towers	page 68
SC 80 mobile towers with Comfort Assembly	page 70
SC 60 mobile towers	page 80
SC 40 mobile towers – ADVANCED SAFE-T	page 104
SC 40 mobile tower	page 110
SC 40 mobile tower – SAFE-T SOLUTION	page 112
SC 60 and SC 80 individual elements	page 114
SC 40 individual elements	page 118

The HYMER mobile tower system overview

Range	Type of tower	Frame section	Platform length	Frame section width	Stabilisation	Spindle-mounted castor	Special feature	Tower group	Page
SC 80	8472	solid	1.90 m	0.80 m	stabiliser	yes	Comfort Assembly	3	72
	8771	solid	2.45 m	0.80 m	stabiliser	yes	Comfort Assembly	3	74
	8171	solid	2.95 m	0.80 m	mobile cross-beam	yes	Comfort Assembly	3	76
	8371	solid	2.95 m	0.80 m	stabiliser	yes	Comfort Assembly	3	78
SC 60	6177	solid	1.90 m	0.80 m	stabiliser	no	folding tower	3	80
	6472	solid	1.90 m	0.80 m	stabiliser	yes		3	82
	6473	solid	1.90 m	1.50 m	stabiliser	yes		2	84
	6576	solid	1.90 m	1.50 m	stabiliser	yes	stairway tower	2	86
	6771	solid	2.45 m	0.80 m	stabiliser	yes		3	88
	6773	solid	2.45 m	1.50 m	stabiliser	yes		2	90
	6371	solid	2.95 m	0.80 m	stabiliser	yes		3	92
	6071	solid	2.95 m	0.80 m	mobile cross-beam	yes		3	94
	6073	solid	2.95 m	1.50 m	mobile cross-beam	yes		2	96
	6373	solid	2.95 m	1.50 m	stabiliser	yes		2	98
	6573	solid	2.95 m	1.50 m	stabiliser	yes	stairway tower	2	100
	6273	solid	2.95 m	1.50 m	mobile cross-beam	yes	stairway tower	2	102
	7075	medium	2.08 m	0.72 m	stabiliser	yes	ADVANCED SAFE-T	3	106
	7070	medium	1.58 m	0.72 m	stabiliser	yes	ADVANCED SAFE-T	3	108
	7074	medium	2.08 m	0.72 m	stabiliser	yes		3	110
	70994	light	1.58 m	0.72 m	stabiliser	no	folding tower	3	112

Design features of HYMER mobile towers



Features SC 80

SC 80 mobile towers offer additional components for SC 60 that make assembly easier.



1. Frame section

Solid welded frame parts with 49 mm stile and **42.5 mm rung diameter**.

2. Platform locking hooks

Platform assembly by one person: **locking hooks** latch even when opened. Platform suspension hooks easy to repair by screw connection.

3. Platform suspension

Platforms can be **hooked in at any rung** (even at the same height as diagonal braces).

4. Trapdoor

No getting stuck and easy operation from top and bottom thanks to **flat plastic catch on trapdoor**.

5. Diagonal brace and brace tube

Sturdy bayonet quick-release catch on diagonal braces and brace tubes for quick assembly and dismantling.

6. Stabiliser or mobile cross-beam

Towers with **bayonet stabilisers or mobile cross-beams** (towers can be moved on the cross-beam without being dismantled and re-assembled).

7. Ballasting

No ballasting needed with centered indoor assembly – applies to all SC 80 towers in all assembly combinations!

8. Special features

All SC 80 tower types **with Comfort Assembly:** incl. HYMER-Lifter and bayonet stabilisers for even faster assembly, more comfort and safety.

Features SC 60

The range for enhanced demands on safety, durability and equipment.



Solid welded frame parts with 49 mm stile and **42.5 mm rung diameter**.

Platform assembly by one person: **locking hooks** latch even when opened. Platform suspension hooks easy to repair by screw connection.

Platforms can be **hooked in at any rung** (even at the same height as diagonal braces).

No getting stuck and easy operation from top and bottom thanks to **flat plastic catch on trapdoor**.

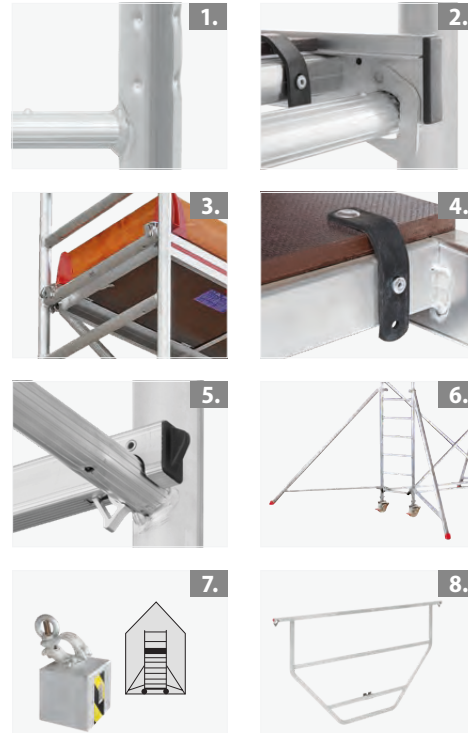
Sturdy bayonet quick-release catch on diagonal braces and brace tubes for quick assembly and dismantling.

Towers with **bayonet stabilisers or mobile cross-beams** (towers can be moved on the cross-beam without being dismantled and re-assembled).

No ballasting needed with centered indoor assembly – applies to all SC 60 towers in all assembly combinations!

Features SC 40

The tradesman's range that provides value for money.



Welded frame sections with 49 mm stile and **32 mm rung diameter**.

Platform fixed by riveted hook locking.

Platforms can be **hooked in at any rung** (even at the same height as diagonal braces).

Trapdoors with **plastic catch** to prevent unauthorised opening during transport.

Sturdy bayonet quick-release catch on diagonal braces and brace tubes for quick assembly and dismantling.

Towers available with **stabilisers**.

Ballasting needed (for details see associated ballasting tables).

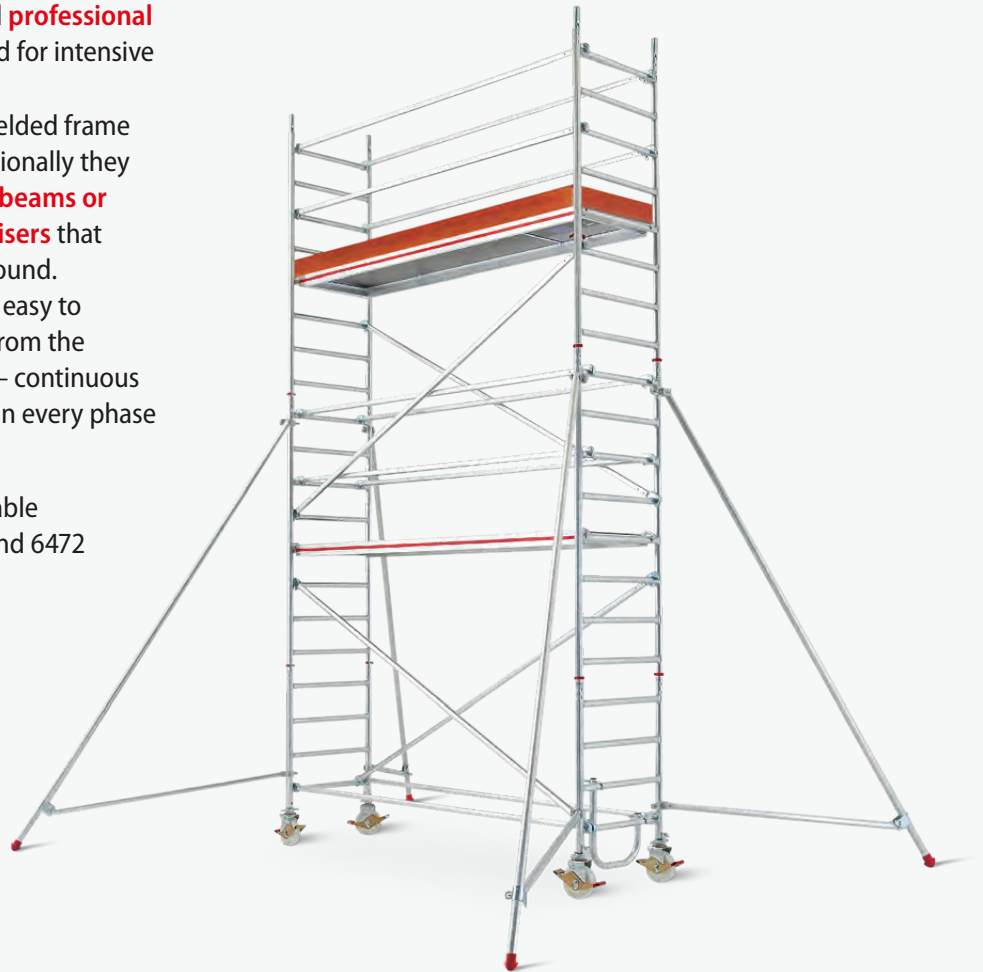
HYMER offers four SC 40 tower models with the innovative ADVANCED SAFE-T assembly concept.

HYMER Comfort Assembly.

Safety, functionality and comfort: the HYMER Comfort Assembly stands for rugged **professional quality**. All components are designed for intensive continuous use.

The mobile towers consist of solid welded frame sections with extra stable rungs. Optionally they can be equipped with **mobile cross-beams** or **specially developed bayonet stabilisers** that can be easily assembled from the ground. The practical **HYMER-Lifter** makes it easy to assemble and dismantle the braces from the ground or the platform underneath – continuous side protection is therefore ensured in every phase of assembly and dismantling.

Comfort Assembly variants are available for mobile towers 6371, 6071, 6771 and 6472 in all sizes.



The main elements of assembly:

1.

Fitting the bayonet coupler between the 6th and 7th rungs (from above) in the 8 rung frame.



2.

Start assembly with 4 rung frames, then followed by 8 rung frames.



3.

Fitting the platform in the 4th rung of the 8 rung frame.



4.

Attaching the bayonet stabiliser to the coupler and locking the foot.



5.

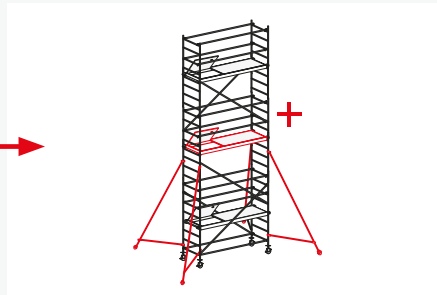
Attachment of the upper guardrail bracings using the HYMER-Lifter before fitting the working platform.



Advantages of the HYMER Comfort Assembly



Without Comfort Assembly



With Comfort Assembly

More safety, more comfort.

HYMER Comfort Assembly offers much greater safety since the distances between platforms are smaller, reducing the danger of falling.



Assembling horizontal braces



Dismantling diagonal braces

HYMER-Lifter included.

The practical HYMER-Lifter makes it easier to assemble and dismantle braces from the ground or from the platform underneath. For technical specifications, see on page 117.



Inserting the bayonet stabiliser into the bayonet coupling



Bayonet lock

Bayonet stabilisers included.

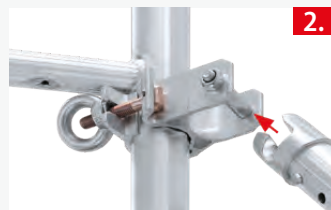
The bayonet stabiliser is quickly and easily twisted into the coupling at the top end of the brace. This makes it simple to connect to the frame, allowing assembly from the ground. For technical specifications, see on page 117.



How the bayonet stabiliser works:



Fit the bayonet coupling the frame section



Insert the bayonet lock (at the top end of the stabiliser) into the bayonet coupling



Then twist the bayonet lock



The stabiliser can also be adapted using the locking mechanism



8472 Mobile tower

Frame section width	0.80 m
Platform length	1.90 m
Reach height	3.25 – 9.25 m
Tower height	2.30 – 8.30 m
Standing height	1.25 – 7.25 m

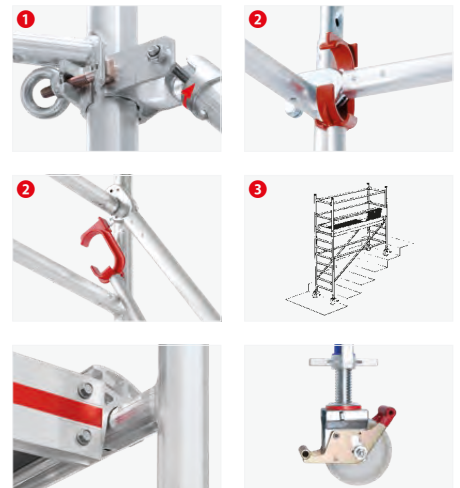
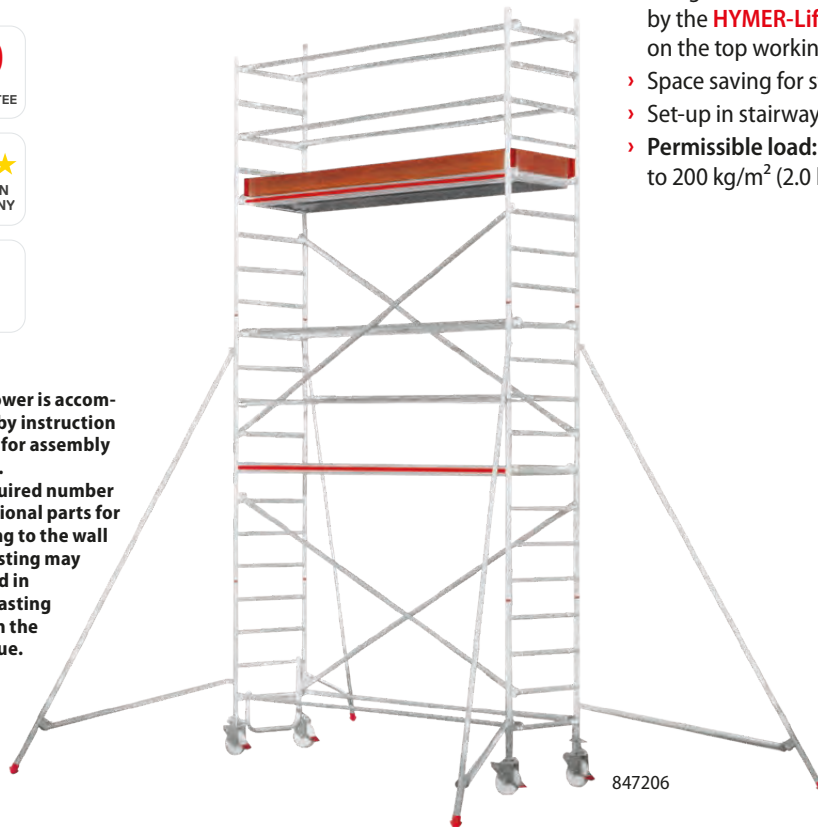
- › Short, very compact design.
- › Long service life through solid construction and light aluminium components.
- › The patented **bayonet stabiliser ①** makes quick and easy assembly of the stabilisers possible from floor level.
- › The guardrails can be quickly and safely attached by the **HYMER-Lifter ②**. This ensures absolutely safe working on the top working platform in all cases.
- › Space saving for storage and transport.
- › Set-up in stairways possible ③.
- › **Permissible load:** 200 kg (2.0 kN) distributed load, corresponds to 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.

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Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



Additional parts required:

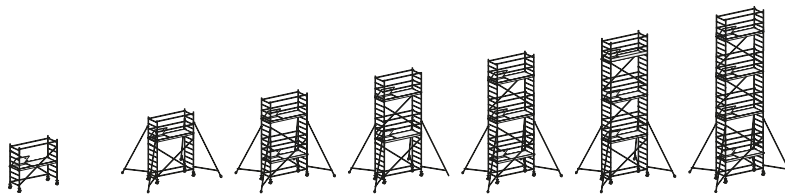
- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 8472				
Order no.	kg	kg	kg	kg
847203	0	0	0	0
847204	0	40*	0	40*
847205	0	60*	0	60*
847206	0	80*	0	100*
847207	0	100*	0	140*
847208	0	140*	0	180*
847209	0	160*	40*	220*

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

8472 Assembling combinations with stabilisers

- › Frame section width 0.80 m
- › Platform length 1.90 m



Order no.	Description	847203	847204	847205	847206	847207	847208	847209
	Reach height (approx. m)	3.25	4.25	5.25	6.25	7.25	8.25	9.25
	Tower height (approx. m)	2.30	3.30	4.30	5.30	6.30	7.30	8.30
	Standing height (approx. m)	1.25	2.25	3.25	4.25	5.25	6.25	7.25
Individual elements/list of components								
607122	8 rung frame section	2	2	4	4	6	6	8
607123	4 rung frame section	–	2	–	2	–	2	–
617824	Platform with trapdoor	1	1	2	2	3	3	4
0079632	Toeboard long side	–	2	2	2	2	2	2
0079634	Toeboard front side	–	2	2	2	2	2	2
0077268	Toeboard clip	–	4	4	4	4	4	4
637827	Diagonal brace	2	2	3	4	5	6	7
617828	Brace	3	6	10	10	14	14	18
635136	Bayonet stabiliser	–	4	4	4	4	4	4
007503	Castor Ø 150 mm with spindle ³⁾	4	4	4	4	4	4	4
637144	Entrance bracket short	–	1	1	1	1	1	1
007760	Safety plug	–	4	4	8	8	12	12
605199	HYMER-Lifter	1	1	1	1	1	1	1
0095640	Assembly instructions	1	1	1	1	1	1	1
Total weight (approx. kg)		58.2	111.8	143.8	156.2	188.2	200.6	232.6

³⁾ Alternatively: Castor Ø 200 mm with spindle, order no. 637150, see on page 116.

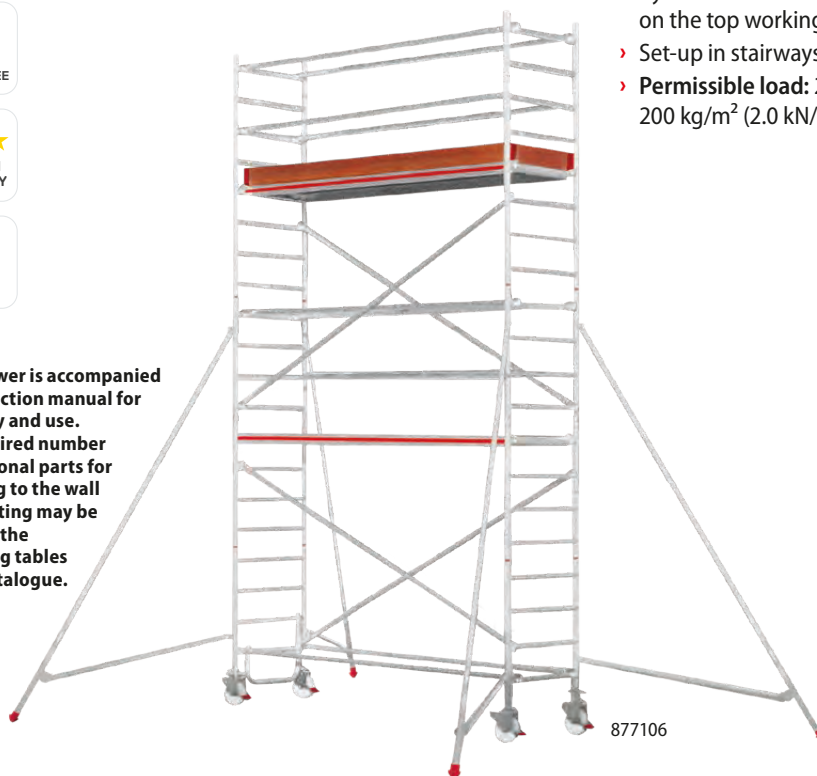


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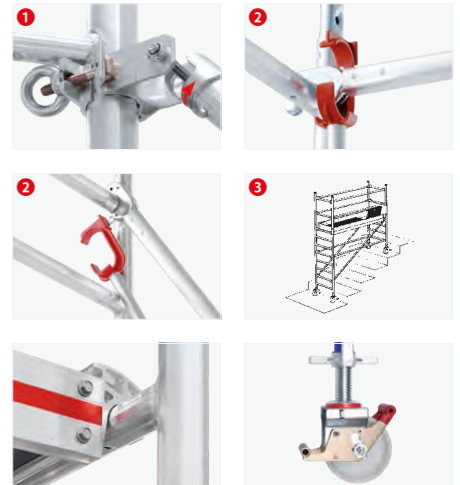
Note:
Every tower is accompanied
by instruction manual for
assembly and use.
The required number
of additional parts for
fastening to the wall
or ballasting may be
found in the
ballasting tables
in the catalogue.



8771 Mobile tower

Frame section width	0.80 m
Platform length	2.45 m
Reach height	3.40 – 13.40 m
Tower height	2.40 – 12.40 m
Standing height	1.40 – 11.40 m

- › Easier assembly and dismantling through use of one platform per floor. Tower parts can easily be passed between the individual floors.
- › The patented **bayonet stabiliser ❶** makes quick and easy assembly of the stabilisers possible from floor level.
- › The guardrails can be quickly and safely attached by the **HYMER-Lifter ❷**. This ensures absolutely safe working on the top working platform in all cases.
- › Set-up in stairways possible ❸.
- › **Permissible load:** 260 kg (2.6 kN) distributed load, corresponds to 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 8771				
Order no.	kg	kg	kg	kg
877103	0	0	0	0
877104	0	40*	0	40*
877105	0	60*	0	60*
877106	0	80*	0	100*
877107	0	100*	0	160*
877108	0	120*	0	220*
877109	0	160*	0	240 ¹⁾ *
877110	0	180*	not permissible	not permissible
877111	0	200*	not permissible	not permissible
877112	0	220*	not permissible	not permissible
877113	0	240*	not permissible	not permissible

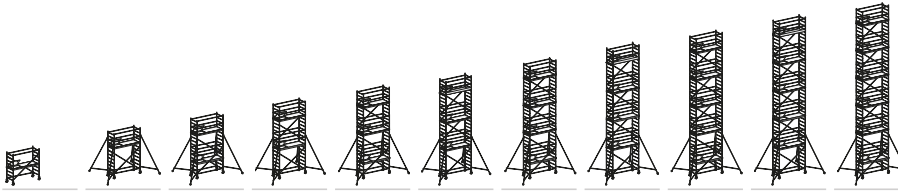
* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

Additional parts required:

¹⁾ plus 2 wall connectors, order no. 607141, required for pressure support

8771 Assembling combinations with stabilisers

- › Frame section width 0.80 m
- › Platform length 2.45 m



Order no.	Description	877103	877104	877105	877106	877107	877108	877109	877110	877111	877112	877113
	Reach height (approx. m)	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.60	12.40	13.40
	Tower height (approx. m)	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40
	Standing height (approx. m)	1.40	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40
Individual elements/list of components												
607122	8 rung frame section	2	2	4	4	6	6	8	8	10	10	12
607123	4 rung frame section	–	2	–	2	–	2	–	2	–	2	–
677124	Platform with trapdoor	1	1	2	2	3	3	4	4	5	5	6
637144	Entrance bracket short	–	1	1	1	1	1	1	1	1	1	1
0079631	Toeboard long side	–	2	2	2	2	2	2	2	2	2	2
0079634	Toeboard front side	–	2	2	2	2	2	2	2	2	2	2
0077268	Toeboard clip	–	4	4	4	4	4	4	4	4	4	4
677127	Diagonal brace	2	2	3	4	5	6	7	8	9	10	11
637827	Brace	3	6	10	10	14	14	18	18	22	22	26
635136	Bayonet stabiliser	–	4	4	4	4	4	4	4	4	4	4
637150	Castor Ø 200 mm with spindle	4	4	4	4	4	4	4	4	4	4	4
007760	Safety plug	–	4	4	8	8	12	12	16	16	20	20
605199	HYMER-Lifter	1	1	1	1	1	1	1	1	1	1	1
0095632	Assembly instructions	1	1	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		70.9	126.6	164.0	176.8	214.2	227.0	264.4	277.2	314.6	327.4	364.8

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

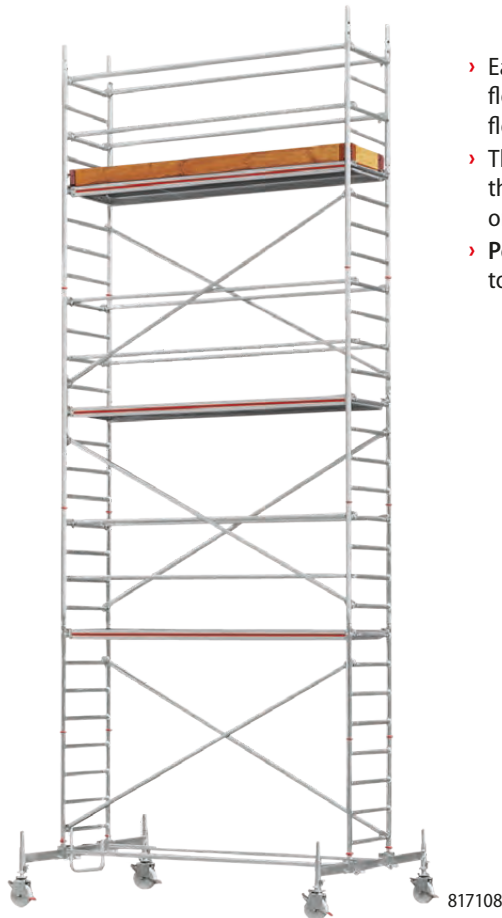


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Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.

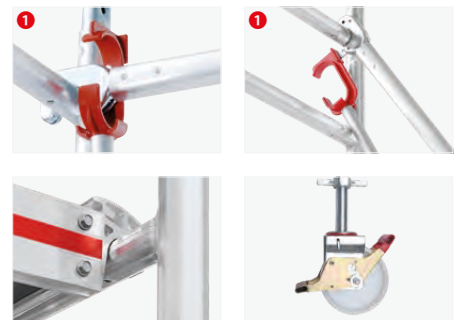


817108

8171 Mobile tower

Frame section width	0.80 m
Platform length	2.95 m
Reach height	4.60 – 13.60 m
Tower height	3.60 – 12.60 m
Standing height	2.60 – 11.60 m

- › Easier assembly and dismantling through use of one platform per floor. Tower parts can easily be passed between the individual floors.
- › The guardrails can be quickly and safely attached with the **HYMER-Lifter** ①. This ensures absolutely safe working on the top platform in all cases.
- › **Permissible load:** 300 kg (3.0 kN) distributed load, corresponds to 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141
- › Longitudinal cross-beam, order no. 607143
- › Cross-beam extension, order no. 607234

Ballasting 8171				
Order no.	kg	kg	kg	kg
817104	0	0	0	0
817105	0	20*	0	20*
817106	0	0 ³⁾	0	60 ⁴⁾ *
817107	0	20 ³⁾ *	0 ³⁾	60 ³⁾⁴⁾ *
817108	0	60 ⁴⁾ *	40 ³⁾	100 ³⁾⁴⁾ *
817109	0	80 ⁴⁾ *	120 ³⁾	160 ³⁾⁴⁾ *
817110	0	60 ⁴⁾ *	not permissible	not permissible
817111	0	80 ⁴⁾ *	not permissible	not permissible
817112	0	100 ⁴⁾ *	not permissible	not permissible
817113	0	120 ⁴⁾ *	not permissible	not permissible

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

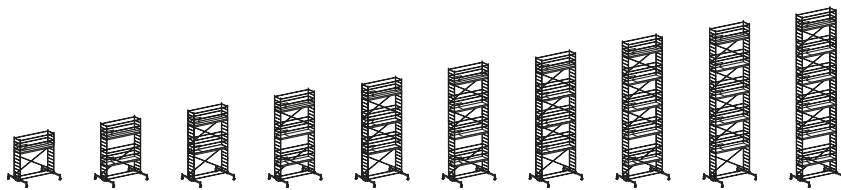
Additional parts required:

³⁾ plus 2 cross-beam extensions, order no. 607234

⁴⁾ plus 1 longitudinal cross-beam, order no. 607143

8171 Assembling combinations with mobile cross-beams

- › Frame section width 0.80 m
- › Platform length 2.95 m



Order no.	Description	817104	817105	817106	817107	817108	817109	817110	817111	817112	817113
	Reach height (approx. m)	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60	13.60
	Tower height (approx. m)	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60
	Standing height (approx. m)	2.60	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60
Individual elements/list of components											
607122	8 rung frame section	2	4	4	6	6	8	8	10	10	12
607123	4 rung frame section	2	–	2	–	2	–	2	–	2	–
607124	Platform with trapdoor	1	2	2	3	3	4	4	5	5	6
607146	Entrance bracket long	1	1	1	1	1	1	1	1	1	1
0079630	Toeboard long side	2	2	2	2	2	2	2	2	2	2
0079634	Toeboard front side	2	2	2	2	2	2	2	2	2	2
0077268	Toeboard clip	4	4	4	4	4	4	4	4	4	4
607127	Diagonal brace	2	3	4	5	6	7	8	9	10	11
607128	Brace	4	8	8	12	12	16	16	20	20	24
607134	Cross-beam	2	2	2	2	2	2	2	2	2	2
607234	Cross-beam extension	–	–	–	–	–	–	2	2	2	2
607143	Longitudinal cross-beam	2	2	2	2	2	2	2	2	2	2
607150	Castor Ø 200 mm with spindle	4	4	4	4	4	4	4	4	4	4
0050493	Cross-beam clamp fitting	4	4	4	4	4	4	4	4	4	4
007760	Safety plug	8	8	12	12	16	16	20	20	24	24
605199	HYMER-Lifter	1	1	1	1	1	1	1	1	1	1
0095634	Assembly instructions	1	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		174.2	222.2	236.4	284.4	298.6	346.6	375.8	423.8	438.0	486.0

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

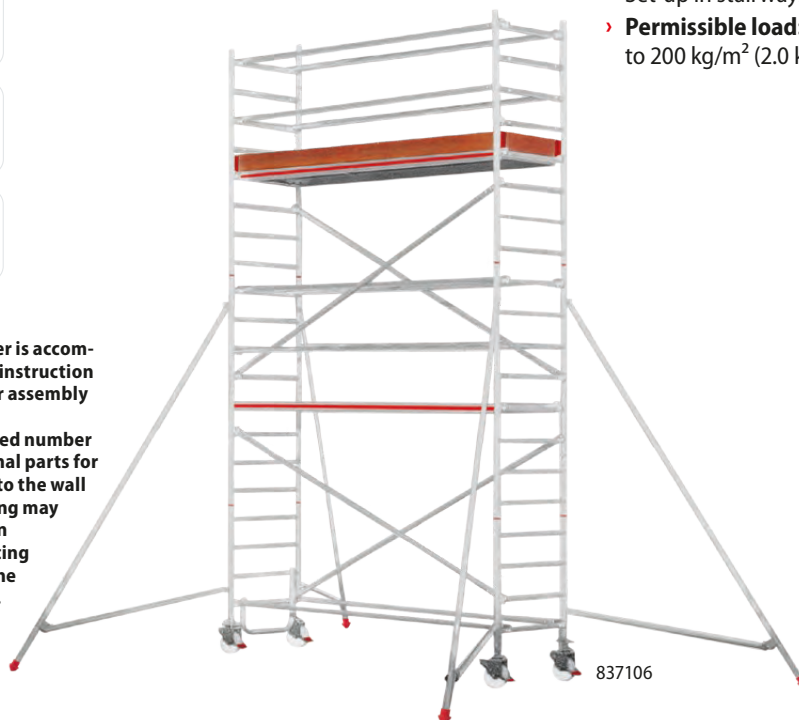


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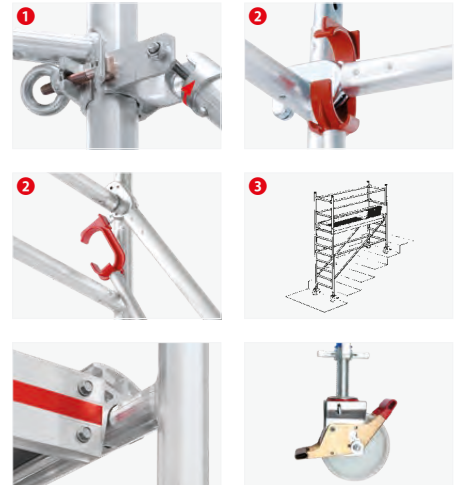
Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



8371 Mobile tower

Frame section width	0.80 m
Platform length	2.95 m
Reach height	3.40 – 13.40 m
Tower height	2.40 – 12.40 m
Standing height	1.40 – 11.40 m

- › Easier assembly and dismantling through use of one platform per floor. Tower parts can easily be passed between the individual floors.
- › The patented **bayonet stabiliser ❶** makes quick and easy assembly of the stabilisers possible from floor level.
- › The guardrails can be quickly and safely attached by the **HYMER-Lifter ❷**. This ensures absolutely safe working on the top working platform in all cases.
- › Set-up in stairways possible ❸.
- › **Permissible load:** 300 kg (3.0 kN) distributed load, corresponds to 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 8371				
Order no.	kg	kg	kg	kg
837103	0	0	0	0
837104	0	20*	0	40*
837105	0	40*	0	80*
837106	0	80*	0	120 ¹⁾ *
837107	0	100*	0	180 ¹⁾ *
837108	0	120*	0	0 ²⁾
837109	0	140*	0	0 ²⁾
837110	0	160*	not permissible	not permissible
837111	0	180*	not permissible	not permissible
837112	0	220*	not permissible	not permissible
837113	0	240*	not permissible	not permissible

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

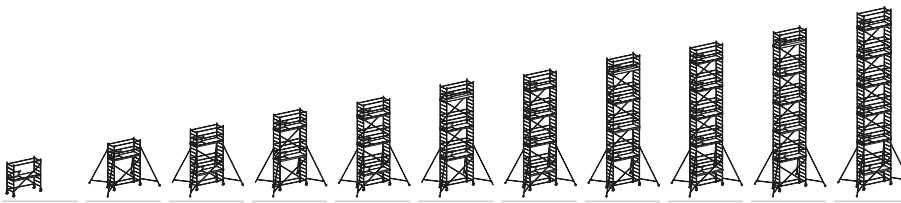
Additional parts required:

¹⁾ plus 2 wall connectors, order no. 607141, required for pressure support

²⁾ plus 2 wall connectors, order no. 607141, required for anchoring on the wall

8371 Assembling combinations with stabilisers

- › Frame section width 0.80 m
- › Platform length 2.95 m



Order no.	Description	837103	837104	837105	837106	837107	837108	837109	837110	837111	837112	837113
	Reach height (approx. m)	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40	13.40
	Tower height (approx. m)	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40
	Standing height (approx. m)	1.40	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40
Individual elements/list of components												
607122	8 rung frame section	2	2	4	4	6	6	8	8	10	10	12
607123	4 rung frame section	–	2	–	2	–	2	–	2	–	2	–
607124	Platform with trapdoor	1	1	2	2	3	3	4	4	5	5	6
637144	Entrance bracket short	–	1	1	1	1	1	1	1	1	1	1
0079630	Toeboard long side	–	2	2	2	2	2	2	2	2	2	2
0079634	Toeboard front side	–	2	2	2	2	2	2	2	2	2	2
0077268	Toeboard clip	–	4	4	4	4	4	4	4	4	4	4
607127	Diagonal brace	2	2	3	4	5	6	7	8	9	10	11
607128	Brace	3	6	10	10	14	14	18	18	22	22	26
635136	Bayonet stabiliser	–	4	4	4	4	4	4	4	4	4	4
637150	Castor Ø 200 mm with spindle	4	4	4	4	4	4	4	4	4	4	4
007760	Safety plug	–	4	4	8	8	12	12	16	16	20	20
605199	HYMER-Lifter	1	1	1	1	1	1	1	1	1	1	1
0095633	Assembly instructions	1	1	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		81.5	142.8	190.8	205.0	253.0	267.4	315.2	329.4	377.4	391.6	439.6

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.



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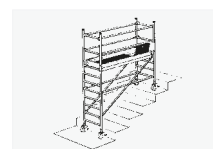
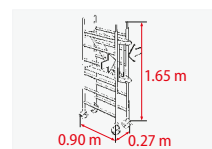
Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



6177 Folding mobile tower

Frame section width	0.80 m
Platform length	1.90 m
Working surface	1.65×0.60 m
Reach height	2.80 – 6.10 m
Tower height	1.80 – 5.30 m
Standing height	0.80 – 4.10 m

- › The tower that fits through doors.
- › The **folding frame** been equipped with hinges so that it can be folded away in seconds.
- › It is already fitted to the frame sections.
- › Three assembling combinations. Modular system extendable up to a reach height of 6.10 m.
- › Set-up in stairways possible.
- › **Permissible load:** 200 kg (2.0 kN) distributed load, corresponds to 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 6177					
Order no.		kg	kg	kg	kg
617703	Module 1	0	0	0	0
617705	Module 1+2	0	60*	0	60*
617706	Module 1+2+3	0	100*	0	120*

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

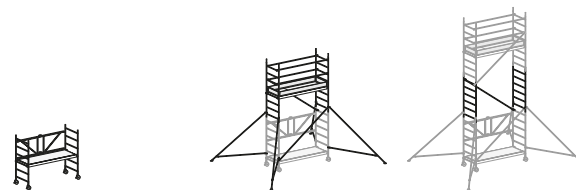
6177 Assembling combinations with stabilisers

- › Frame section width 0.80 m
- › Platform length 1.90 m



Assembling combinations		Module 1	Module 1+2	Module 1+2+3
Order no.	Description	617703	617705	617706
	Reach height (approx. m)	2.80	4.60	6.10
	Tower height (approx. m)	1.80	3.80	5.30
	Standing height (approx. m)	0.80	2.60	4.10
Individual elements/list of components				
617721	Folding frame	1	1	1
607122	8 rung frame section	–	2	2
607822	6 rung frame section	–	–	2
617824	Platform with trapdoor	–	1	1
617724	Platform without trapdoor	1	1	1
0079632	Toeboard long side	–	2	2
0079634	Toeboard front side	–	2	2
0077268	Toeboard clip	–	4	4
637827	Diagonal brace	–	2	3
617828	Brace	–	4	4
637136	Stabiliser	–	4	4
617750	Castor Ø 125 mm	4	4	4
007760	Safety plug	4	8	12
0095604	Assembly instructions	1	1	1
Total weight (approx. kg)		39.1	115.3	131.5

6177 Single modules



Individual elements/list of components		Module 1	Module 2	Module 3	
Order no.	Description	617703	617715	617716	
617721	Folding frame	1	–	–	
607122	8 rung frame section	–	2	–	
607822	6 rung frame section	–	–	2	
617824	Platform with trapdoor	–	1	–	
617724	Platform without trapdoor	1	–	–	
0079632	Toeboard long side	–	2	–	
0079634	Toeboard front side	–	2	–	
0077268	Toeboard clip	–	4	–	
637827	Diagonal brace	–	2	1	
617828	Brace	–	4	–	
637136	Stabiliser	–	4	–	
617750	Castor Ø 125 mm	4	–	–	
007760	Safety plug	4	4	4	
0095604	Assembly instructions	1	1	1	
Total weight (approx. kg)		39.1	76.2	16.2	

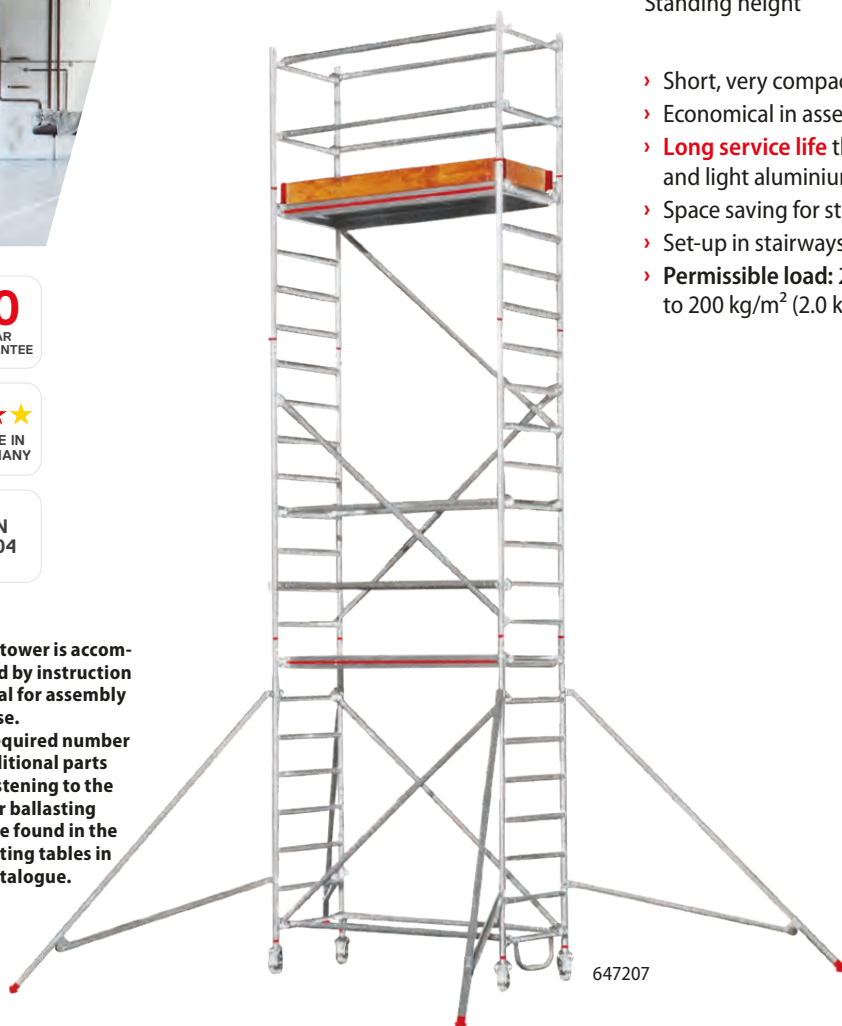


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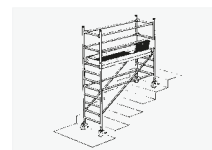
Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



6472 Mobile tower

Frame section width	0.80 m
Platform length	1.90 m
Reach height	3.25 – 9.25 m
Tower height	2.30 – 8.30 m
Standing height	1.25 – 7.25 m

- › Short, very compact design.
- › Economical in assembly, operation and purchase.
- › **Long service life** through solid construction and light aluminium components.
- › Space saving for storage and transport.
- › Set-up in stairways possible.
- › **Permissible load:** 200 kg (2.0 kN) distributed load, corresponds to 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Additional parts required:

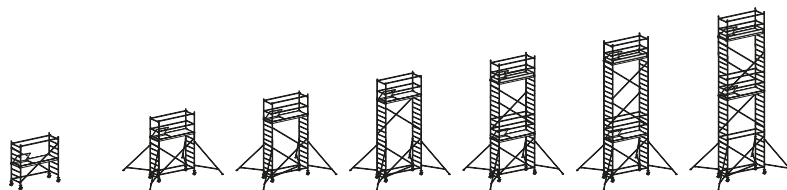
- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 6472				
Order no.	kg	kg	kg	kg
647203	0	0	0	0
647204	0	40*	0	40*
647205	0	60*	0	60*
647206	0	80*	0	80*
647207	0	120*	0	120*
647208	0	140*	0	140*
647209	0	160*	40	200*

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

6472 Assembling combinations with stabilisers

- › Frame section width 0.80 m
- › Platform length 1.90 m



Order no.	Description	647203	647204	647205	647206	647207	647208	647209
	Reach height (approx. m)	3.25	4.25	5.25	6.25	7.25	8.25	9.25
	Tower height (approx. m)	2.30	3.30	4.30	5.30	6.30	7.30	8.30
	Standing height (approx. m)	1.25	2.25	3.25	4.25	5.25	6.25	7.25
Individual elements/list of components								
607122	8 rung frame section	2	2	2	4	4	6	6
607123	4 rung frame section	–	–	2	–	2	–	2
607823	2 rung guardrail section	–	2	2	2	2	2	2
617824	Platform with trapdoor	1	1	1	1	2	2	2
0079632	Toeboard long side	–	2	2	2	2	2	2
0079634	Toeboard front side	–	2	2	2	2	2	2
0077268	Toeboard clip	–	4	4	4	4	4	4
637827	Diagonal brace	2	2	3	4	5	6	7
617828	Brace	3	6	6	6	10	10	12
617142	Horizontal diagonal brace	–	–	1	1	–	–	1
637136	Stabiliser	–	4	4	4	4	4	4
007503	Castor Ø 150 mm with spindle ³⁾	4	4	4	4	4	4	4
637144	Entrance bracket short	–	1	1	1	1	1	1
007760	Safety plug	–	4	8	8	12	12	16
0095532	Assembly instructions	1	1	1	1	1	1	1
Total weight (approx. kg)		57.5	102.7	117.9	127.7	159.5	169.3	188.7

³⁾ Alternatively: Castor Ø 200 mm with spindle, order no. 637150, see on page 116.

Additional parts required for Comfort Assembly 6472 up to 8472

Individual elements/list of components		03	04	05	06	07	08	09
607122	8 rung frame section	–	–	2	–	2	–	2
607123	4 rung frame section	–	2	–	2	–	2	–
617824	Platform with trapdoor	–	–	1	1	1	1	2
617828	Brace	–	–	4	4	4	4	6
635136	Bayonet stabiliser	–	4	4	4	4	4	4
605199	HYMER-Lifter	1	1	1	1	1	1	1
0095640	Assembly instructions	1	1	1	1	1	1	1

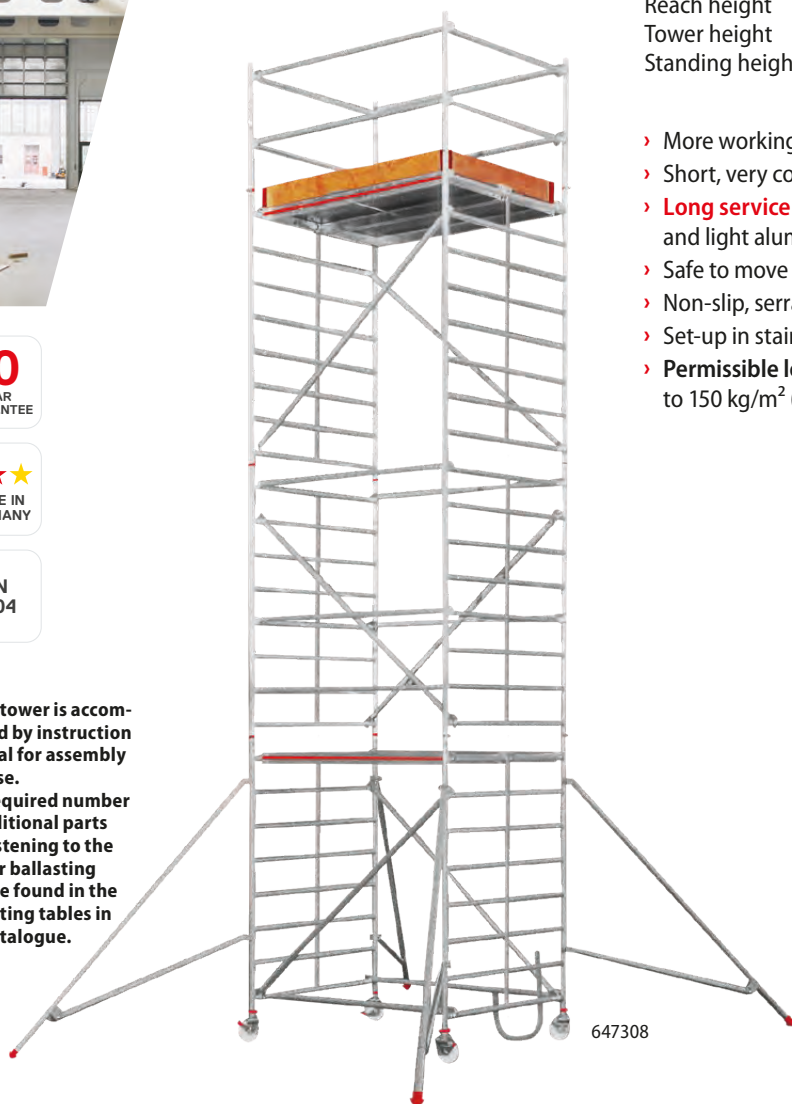


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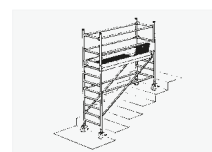
Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



6473 Mobile tower

Frame section width	1.50 m
Platform length	1.90 m
Reach height	3.25 – 10.25 m
Tower height	2.30 – 9.30 m
Standing height	1.25 – 8.25 m

- › More working and standing surface through **wide frame sections**.
- › Short, very compact design.
- › **Long service life** through solid construction and light aluminium components.
- › Safe to move thanks to large, **lockable castors**.
- › Non-slip, serrated rungs for a safe ascent.
- › Set-up in stairways possible.
- › **Permissible load:** 300 kg (3.0 kN) distributed load, corresponds to 150 kg/m² (1.5 kN/m²), according to tower group 2, EN 1004.



Additional parts required:

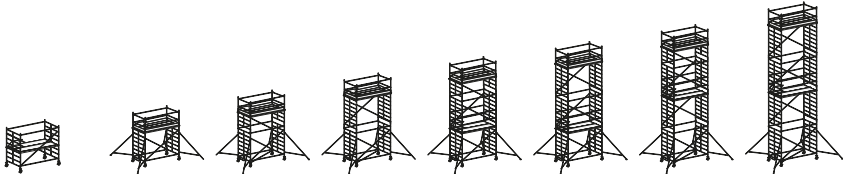
- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 6473				
Order no.	kg	kg	kg	kg
647303	0	0	0	0
647304	0	0	0	0
647305	0	0	0	0
647306	0	20*	0	20*
647307	0	40*	0	40*
647308	0	40*	0	80*
647309	0	60*	40	120*
647310	0	80*	not permissible	not permissible

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

6473 Assembling combinations with stabilisers

- › Frame section width 1.50 m
- › Platform length 1.90 m

									
Order no.	Description	647303	647304	647305	647306	647307	647308	647309	647310
	Reach height (approx. m)	3.25	4.25	5.25	6.25	7.25	8.25	9.25	10.25
	Tower height (approx. m)	2.30	3.30	4.30	5.30	6.30	7.30	8.30	9.30
	Standing height (approx. m)	1.25	2.25	3.25	4.25	5.25	6.25	7.25	8.25
Individual elements/list of components									
607322	8 rung frame section	2	2	2	4	4	6	6	8
607323	4 rung frame section	–	–	2	–	2	–	2	–
607923	2 rung guardrail section	–	2	2	2	2	2	2	2
617824	Platform with trapdoor	1	1	1	1	2	2	2	2
617724	Platform without trapdoor	1	1	1	1	2	2	2	2
0079632	Toeboard long side	–	2	2	2	2	2	2	2
0079633	Toeboard front side	–	2	2	2	2	2	2	2
0077268	Toeboard clip	–	4	4	4	4	4	4	4
637827	Diagonal brace	2	2	3	4	5	6	7	8
617828	Brace	3	6	8	8	12	12	14	14
617342	Horizontal diagonal brace	–	–	1	1	–	–	1	1
637136	Stabiliser short	–	4	4	4	4	4	4	4
007503	Castor Ø 150 mm with spindle ³⁾	4	4	4	4	4	4	4	4
637144	Entrance bracket short	–	1	1	1	1	1	1	1
007760	Safety plug	–	4	8	8	12	12	16	16
0095535	Assembly instructions	1	1	1	1	1	1	1	1
Total weight (approx. kg)		80.0	129.6	153.3	167.5	217.1	231.3	255.0	269.2

³⁾ Alternatively: Castor Ø 200 mm with spindle 637150, see on page 116.

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

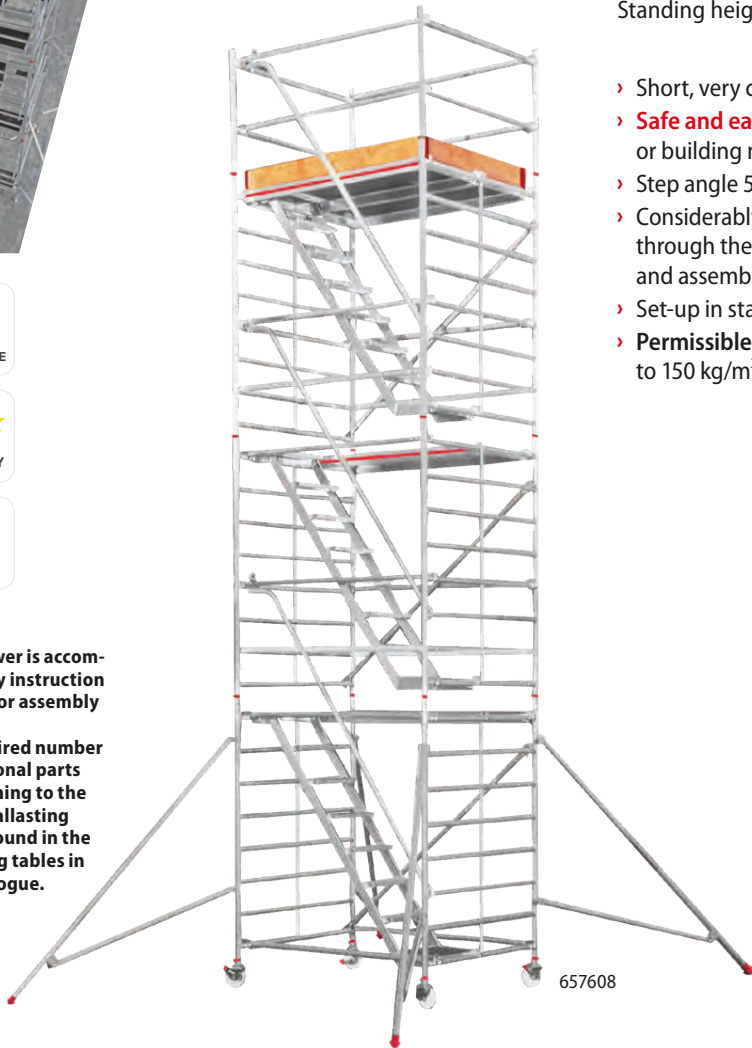


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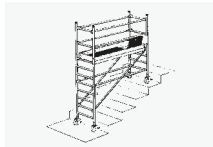
Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



6576 Mobile stairway tower

Frame section width	1.50 m
Platform length	1.90 m
Reach height	4.25 – 14.25 m
Tower height	3.30 – 13.30 m
Standing height	2.25 – 12.25 m

- › Short, very compact design.
- › **Safe and easy internal ascent**, even carrying tools or building materials.
- › Step angle 55°, step depth 150 mm.
- › Considerably increased safety during assembly and dismantling through the **stairs** being attached at every floor for passing on and assembling the individual elements.
- › Set-up in stairways possible.
- › **Permissible load:** 300 kg (3.0 kN) distributed load, corresponds to 150 kg/m² (1.5 kN/m²), according to tower group 2, EN 1004.



Additional parts required:

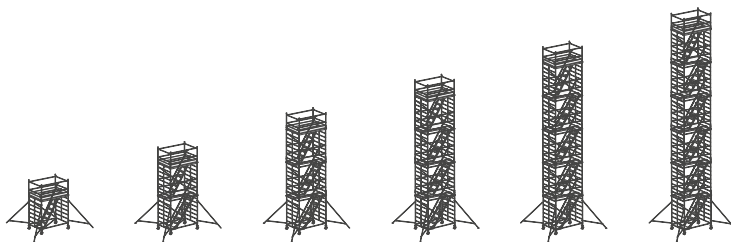
- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 6576				
Order no.	kg	kg	kg	kg
657604	0	0	0	0
657606	0	0	0	20*
657608	0	20*	40	100*
657610	0	40*	not permissible	not permissible
657612	0	60*	not permissible	not permissible
657614	0	100*	not permissible	not permissible

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

6576 Assembling combinations with stabilisers

- › Frame section width 1.50 m
- › Platform length 1.90 m



Order no.	Description	657604	657606	657608	657610	657612	657614
	Reach height (approx. m)	4.25	6.25	8.25	10.25	12.25	14.25
	Tower height (approx. m)	3.30	5.30	7.30	9.30	11.30	13.30
	Standing height (approx. m)	2.25	4.25	6.25	8.25	10.25	12.25
Individual elements/list of components							
607322	8 rung frame section	2	4	6	8	10	12
607923	2 rung guardrail section	2	2	2	2	2	2
627624	Platform with trapdoor	1	1	1	1	1	1
617724	Platform without trapdoor	1	2	3	4	5	6
627340	Stairs	1	2	3	4	5	6
0079632	Toeboard long side	2	2	2	2	2	2
0079633	Toeboard front side	2	2	2	2	2	2
0077268	Toeboard clip	4	4	4	4	4	4
637827	Diagonal brace	1	2	3	4	5	6
617828	Brace	6	11	16	21	26	31
627329	Guardrail tube	1	2	3	4	5	6
617342	Horizontal diagonal brace	1	1	1	1	1	1
637136	Stabiliser	4	4	4	4	4	4
007503	Castor Ø 150 mm with spindle ³⁾	4	4	4	4	4	4
007760	Safety plug	4	8	12	16	20	24
0095538	Assembly instructions	1	1	1	1	1	1
Total weight (approx. kg)		145.7	216.6	287.5	358.4	429.3	500.2

³⁾ Alternatively: Castor Ø 200 mm with spindle, order no. 637150, see on page 116.

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.



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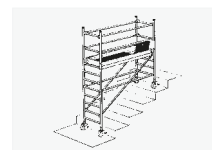
Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



6771 Mobile tower

Frame section width	0.80 m
Platform length	2.45 m
Reach height	3.40 – 13.40 m
Tower height	2.40 – 12.40 m
Standing height	1.40 – 11.40 m

- › Safe assembly and dismantling thanks to the **use of one platform per floor.**
- › Tower parts can easily be passed between the individual floors.
- › Set-up in stairways possible.
- › **Permissible load:** 260 kg (2.6 kN) distributed load, corresponds to 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 6771				
Order no.	kg	kg	kg	kg
677103	0	0	0	0
677104	0	40*	0	40*
677105	0	60*	0	60*
677106	0	80*	0	100*
677107	0	100*	0	140*
677108	0	120*	0	200*
677109	0	160*	0	260 ¹⁾ *
677110	0	180*	not permissible	not permissible
677111	0	200*	not permissible	not permissible
677112	0	240*	not permissible	not permissible
677113	0	260*	not permissible	not permissible

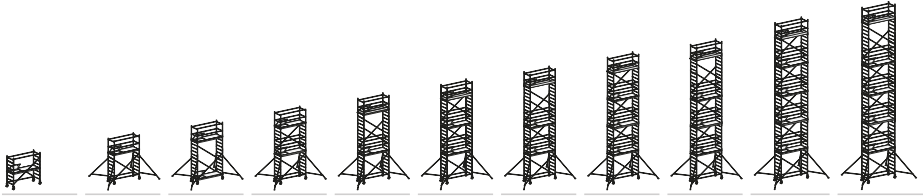
* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

Additional parts required:

¹⁾ plus 2 wall connectors, order no. 607141 required for pressure support

6771 Assembling combinations with stabilisers

- › Frame section width 0.80 m
- › Platform length 2.45 m

												
Order no.	Description	677103	677104	677105	677106	677107	677108	677109	677110	677111	677112	677113
	Reach height (approx. m)	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40	13.40
	Tower height (approx. m)	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40
	Standing height (approx. m)	1.40	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40
Individual elements/list of components												
607122	8 rung frame section	2	2	2	4	4	6	6	8	8	10	10
607123	4 rung frame section	–	–	2	–	2	–	2	–	2	–	2
607823	2 rung guardrail section	–	2	2	2	2	2	2	2	2	2	2
677124	Platform with trapdoor	1	1	2	2	2	3	3	4	4	5	5
637144	Entrance bracket short	–	1	–	1	1	1	1	1	1	1	1
0079631	Toeboard long side	–	2	2	2	2	2	2	2	2	2	2
0079634	Toeboard front side	–	2	2	2	2	2	2	2	2	2	2
0077268	Toeboard clip	–	4	4	4	4	4	4	4	4	4	4
677127	Diagonal brace	2	2	3	4	5	6	7	8	9	10	11
637827	Brace	3	6	4	10	10	14	14	18	18	22	22
637136	Stabiliser	–	4	4	4	4	4	4	4	4	4	4
637150	Castor Ø 200 mm with spindle	4	4	4	4	4	4	4	4	4	4	4
007760	Safety plug	–	4	8	8	12	12	16	16	20	20	24
0095566	Assembly instructions	1	1	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		70.2	117.5	142.0	167.7	180.5	217.9	230.7	268.1	280.9	318.3	331.1

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

Additional elements required for Comfort Assembly 6771 up to 8771

Individual elements/list of components		03	04	05	06	07	08	09	10	11	12	13
607122	8 rung frame section	–	–	2	–	2	–	2	–	2	–	2
607123	4 rung frame section	–	2	–	2	–	2	–	2	–	2	–
677124	Platform with trapdoor	–	–	–	–	1	–	1	–	1	–	1
637144	Entrance bracket short	–	–	1	–	–	–	–	–	–	–	–
635136	Bayonet stabiliser	–	4	4	4	4	4	4	4	4	4	4
605199	HYMER-Lifter	1	1	1	1	1	1	1	1	1	1	1
0095632	Assembly instructions	1	1	1	1	1	1	1	1	1	1	1



6773 Mobile tower

Frame section width	1.50 m
Platform length	2.45 m
Reach height	3.40 – 13.40 m
Tower height	2.40 – 12.40 m
Standing height	1.40 – 11.40 m

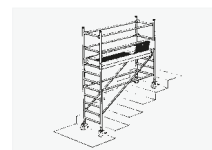
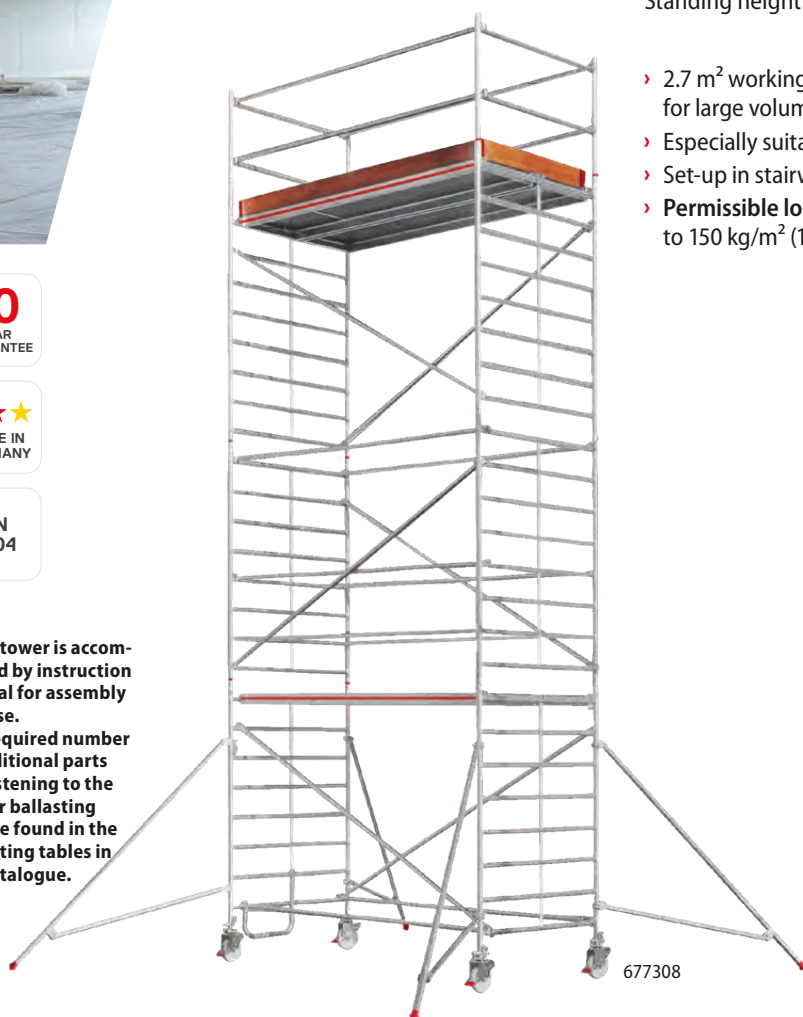
- › 2.7 m² working area offers maximum safety and **lots of space** for large volumes of work materials.
- › Especially suitable for work on large ceiling areas.
- › Set-up in stairways possible.
- › **Permissible load:** 400 kg (4.0 kN) distributed load, corresponds to 150 kg/m² (1.5 kN/m²), according to tower group 2, EN 1004.

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Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



Additional parts required:

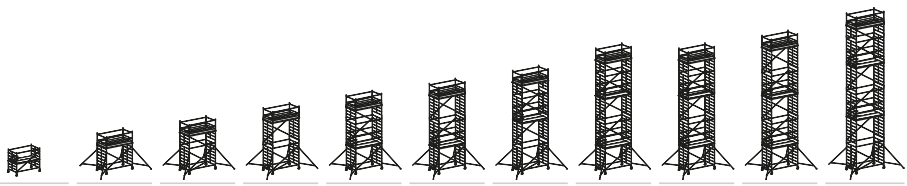
- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 6773				
Order no.	kg	kg	kg	kg
677303	0	0	0	0
677304	0	0	0	0
677305	0	0	0	20*
677306	0	20*	0	40*
677307	0	20*	0	60*
677308	0	40*	0	100*
677309	0	60*	0	140*
677310	0	60*	not permissible	not permissible
677311	0	80*	not permissible	not permissible
677312	0	100*	not permissible	not permissible
677313	0	100*	not permissible	not permissible

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

6773 Assembling combinations with stabilisers

- › Frame section width 1.50 m
- › Platform length 2.45 m



Order no.	Description	677303	677304	677305	677306	677307	677308	677309	677310	677311	677312	677313
	Reach height (approx. m)	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40	13.40
	Tower height (approx. m)	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40
	Standing height (approx. m)	1.40	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40
Individual elements/list of components												
607322	8 rung frame section	2	2	2	4	4	6	6	8	8	10	10
607323	4 rung frame section	–	–	2	–	2	–	2	–	2	–	2
607923	2 rung guardrail section	–	2	2	2	2	2	2	2	2	2	2
677124	Platform with trapdoor	1	1	1	1	2	2	2	2	3	3	3
677324	Platform without trapdoor	1	1	1	1	2	2	2	2	3	3	3
0079631	Toeboard long side	–	2	2	2	2	2	2	2	2	2	2
0079633	Toeboard front side	–	2	2	2	2	2	2	2	2	2	2
0077268	Toeboard clip	–	4	4	4	4	4	4	4	4	4	4
677127	Diagonal brace	2	2	3	4	5	6	7	8	9	10	11
637827	Brace	3	6	8	8	12	12	14	14	18	18	20
637136	Stabiliser	–	4	4	4	4	4	4	4	4	4	4
677342	Horizontal diagonal brace	–	–	1	1	–	–	1	1	–	–	1
637150	Castor Ø 200 mm with spindle	4	4	4	4	4	4	4	4	4	4	4
637144	Entrance bracket short	–	1	1	1	1	1	1	1	1	1	1
007760	Safety plug	–	4	8	8	12	12	16	16	20	20	24
0095568	Assembly instructions	1	1	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		94.6	146.3	171.4	186.0	242.5	257.1	282.2	296.8	353.3	367.9	393.0

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.



6371 Mobile tower

Frame section width	0.80 m
Platform length	2.95 m
Reach height	3.40 – 13.40 m
Tower height	2.40 – 12.40 m
Standing height	1.40 – 11.40 m

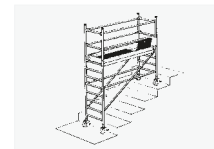
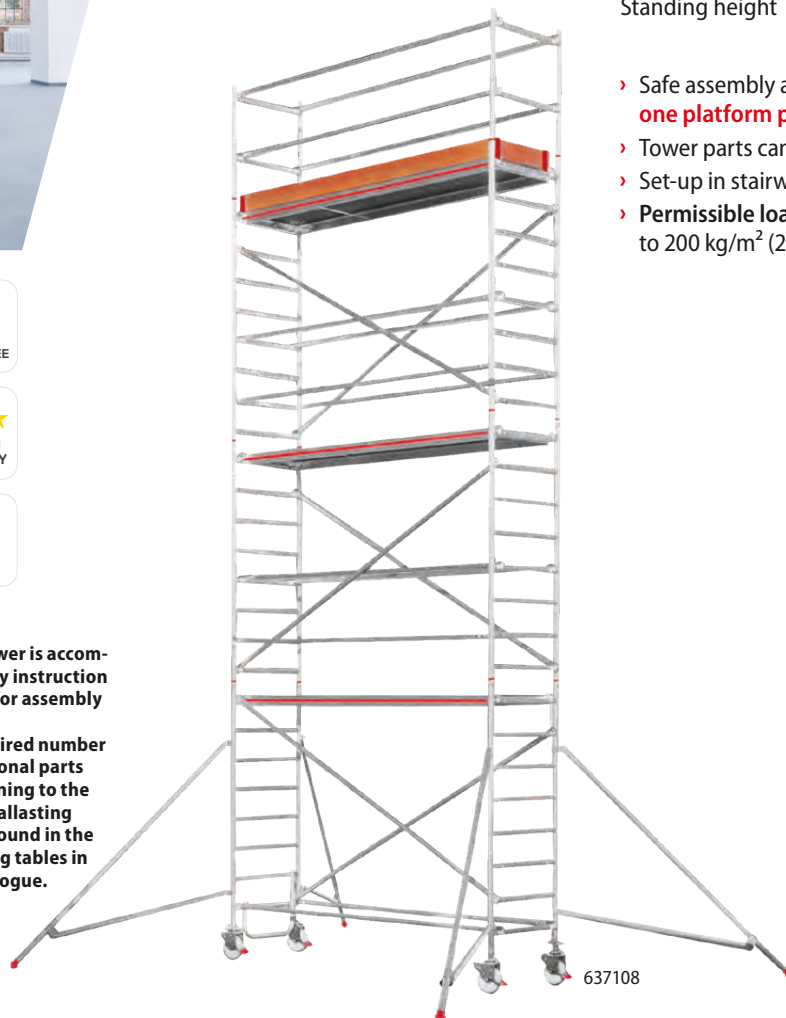
- › Safe assembly and dismantling thanks to the **use of one platform per floor**.
- › Tower parts can easily be passed between the individual floors.
- › Set-up in stairways possible.
- › **Permissible load:** 300 kg (3.0 kN) distributed load, corresponds to 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.

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Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 6371				
Order no.	kg	kg	kg	kg
637103	0	0	0	0
637104	0	20*	0	40*
637105	0	60*	0	80*
637106	0	80*	0	120*
637107	0	100*	0	160 ¹⁾ *
637108	0	120*	0	0 ²⁾
637109	0	140*	0	0 ²⁾
637110	0	160*	not permissible	not permissible
637111	0	200*	not permissible	not permissible
637112	0	220*	not permissible	not permissible
637113	0	240*	not permissible	not permissible

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

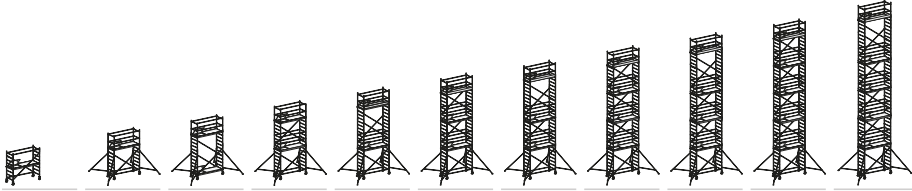
Additional parts required:

¹⁾ plus 2 wall connectors, order no. 607141, required for pressure support

²⁾ plus 2 wall connectors, order no. 607141 required for anchoring on the wall

6371 Assembling combinations with stabilisers

- › Frame section width 0.80 m
- › Platform length 2.95 m



Order no.	Description	637103	637104	637105	637106	637107	637108	637109	637110	637111	637112	637113
	Reach height (approx. m)	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40	13.40
	Tower height (approx. m)	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40
	Standing height (approx. m)	1.40	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40
Individual elements/list of components												
607122	8 rung frame section	2	2	2	4	4	6	6	8	8	10	10
607123	4 rung frame section	–	–	2	–	2	–	2	–	2	–	2
607823	2 rung guardrail section	–	2	2	2	2	2	2	2	2	2	2
607124	Platform with trapdoor	1	1	2	2	2	3	3	4	4	5	5
637144	Entrance bracket short	–	1	–	1	1	1	1	1	1	1	1
0079630	Toeboard long side	–	2	2	2	2	2	2	2	2	2	2
0079634	Toeboard front side	–	2	2	2	2	2	2	2	2	2	2
0077268	Toeboard clip	–	4	4	4	4	4	4	4	4	4	4
607127	Diagonal brace	2	2	3	4	5	6	7	8	9	10	11
607128	Brace	3	6	4	10	10	14	14	18	18	22	22
637136	Stabiliser	–	4	4	4	4	4	4	4	4	4	4
637150	Castor Ø 200 mm with spindle	4	4	4	4	4	4	4	4	4	4	4
007760	Safety plug	–	4	8	8	12	12	16	16	20	20	24
0095530	Assembly instructions	1	1	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		80.8	133.7	160.4	195.9	210.1	258.1	272.3	320.3	334.5	382.5	396.7

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

Additional elements required for Comfort Assembly 6371 up to 8371

Individual elements/list of components		03	04	05	06	07	08	09	10	11	12	13
607122	8 rung frame section	–	–	2	–	2	–	2	–	2	–	2
607123	4 rung frame section	–	2	–	2	–	2	–	2	–	2	–
607124	Platform with trapdoor	–	–	–	–	1	–	1	–	1	–	1
637144	Entrance bracket short	–	–	1	–	–	–	–	–	–	–	–
607128	Brace	–	–	6	–	4	–	4	–	4	–	4
635136	Bayonet stabiliser	–	4	4	4	4	4	4	4	4	4	4
605199	HYMER-Lifter	1	1	1	1	1	1	1	1	1	1	1
0095633	Assembly instructions	1	1	1	1	1	1	1	1	1	1	1

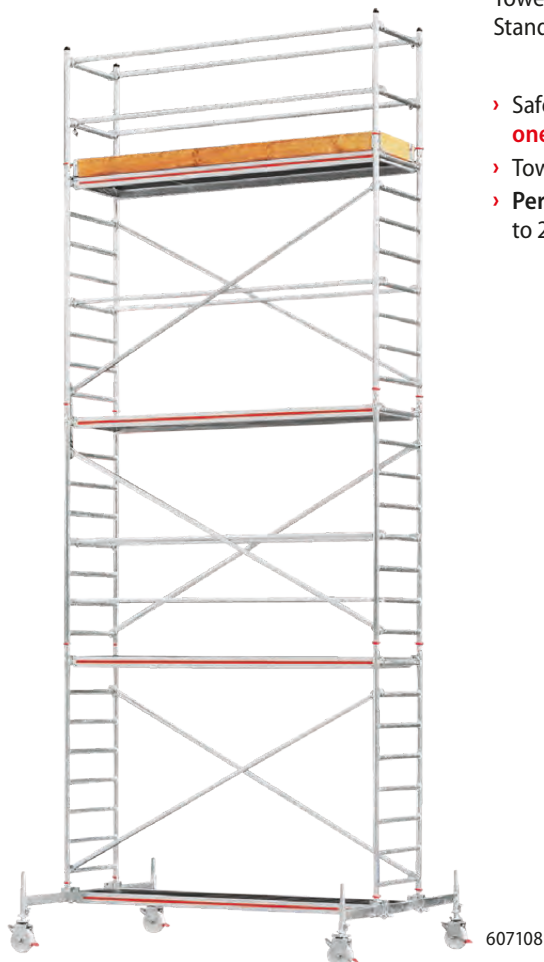


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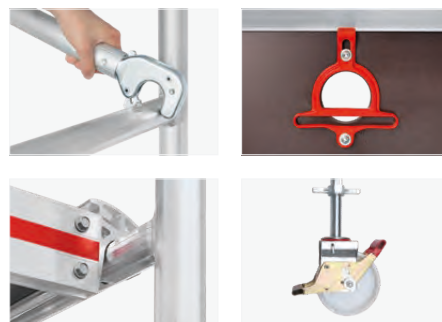
Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



6071 Mobile tower

Frame section width	0.80 m
Platform length	2.95 m
Reach height	4.60 – 13.60 m
Tower height	3.60 – 12.60 m
Standing height	2.60 – 11.60 m

- › Safe assembly and dismantling thanks to the **use of one platform per floor.**
- › Tower parts can easily be passed between the individual floors.
- › **Permissible load:** 300 kg (3.0 kN) distributed load, corresponds to 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141
- › Longitudinal cross-beam, order no. 607143
- › Cross-beam extension, order no. 607234

Ballasting 6071				
Order no.	kg	kg	kg	kg
607104	0	0	0	0
607105	0	20*	0	20 ^{3)*}
607106	0	40 ^{4)*}	0 ³⁾	40 ^{3)4)*}
607107	0	60 ^{4)*}	0 ³⁾	80 ^{3)4)*}
607108	0	80 ^{4)*}	80 ³⁾	120 ^{3)4)*}
607109	0	60 ^{4)*}	120	160 ^{4)*}
607110	0	80 ^{4)*}	not permissible	not permissible
607111	0	100 ^{4)*}	not permissible	not permissible
607112	0	100 ^{4)*}	not permissible	not permissible
607113	0	120 ^{4)*}	not permissible	not permissible

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

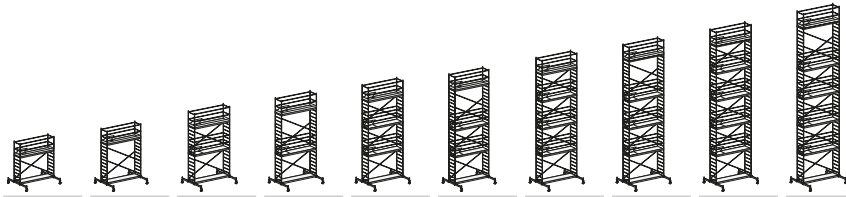
Additional parts required:

³⁾ plus 2 cross-beam extensions, order no. 607234

⁴⁾ plus 1 longitudinal cross-beam, order no. 607143

6071 Assembling combinations with mobile cross-beams

- › Frame section width 0.80 m
- › Platform length 2.95 m



Order no.	Description	607104	607105	607106	607107	607108	607109	607110	607111	607112	607113
	Reach height (approx. m)	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60	13.60
	Tower height (approx. m)	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60
	Standing height (approx. m)	2.60	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60
Individual elements/list of components											
607122	8 rung frame section	2	2	4	4	6	6	8	8	10	10
607123	4 rung frame section	–	2	–	2	–	2	–	2	–	2
607823	2 rung guardrail section	2	2	2	2	2	2	2	2	2	2
607124	Platform with trapdoor	1	1	2	2	3	3	4	4	5	5
607144	Base entry platform	1	1	1	1	1	1	1	1	1	1
0079630	Toeboard long side	2	2	2	2	2	2	2	2	2	2
0079634	Toeboard front side	2	2	2	2	2	2	2	2	2	2
0077268	Toeboard clip	4	4	4	4	4	4	4	4	4	4
607127	Diagonal brace	2	3	4	5	6	7	8	9	10	11
607128	Brace	4	4	8	8	12	12	16	16	20	20
607134	Cross-beam	2	2	2	2	2	2	2	2	2	2
607234	Cross-beam extension	–	–	–	–	–	2	2	2	2	2
607150	Castor Ø 200 mm with spindle	4	4	4	4	4	4	4	4	4	4
0050493	Cross-beam clamp fitting	4	4	4	4	4	4	4	4	4	4
007760	Safety plug	8	12	12	16	16	20	20	24	24	28
009542	Assembly instructions	1	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		164.4	178.6	226.6	240.8	288.8	318.0	366.0	380.2	428.2	442.4

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

Additional elements required for Comfort Assembly 6071 up to 8171

Individual elements/list of components		04	05	06	07	08	09	10	11	12	13
607122	8 rung frame section	–	2	–	2	–	2	–	2	–	2
607123	4 rung frame section	2	–	2	–	2	–	2	–	2	–
607124	Platform with trapdoor	–	1	–	1	–	1	–	1	–	1
607146	Entrance bracket long	1	1	1	1	1	1	1	1	1	1
607128	Brace	–	4	–	4	–	4	–	4	–	4
607143	Longitudinal cross-beam	2	2	2	2	2	2	2	2	2	2
605199	HYMER-Lifter	1	1	1	1	1	1	1	1	1	1
0095634	Assembly instructions	1	1	1	1	1	1	1	1	1	1

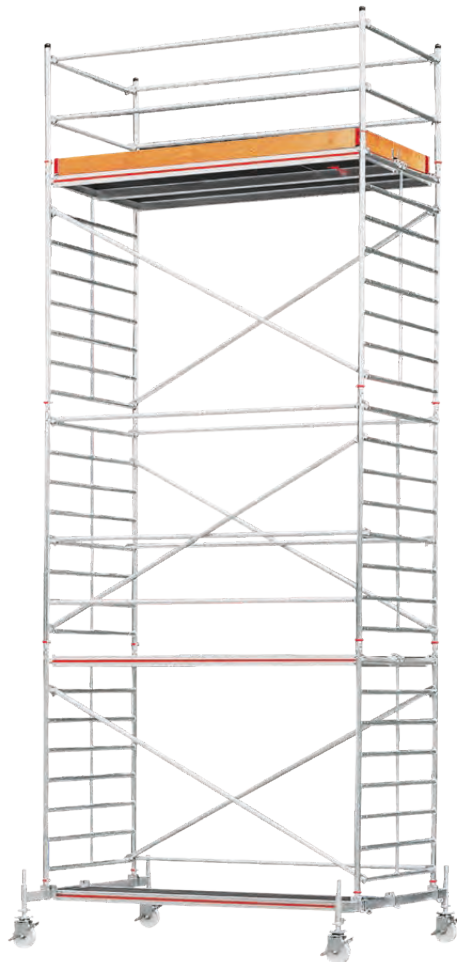


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Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



607308

6073 Mobile tower

Frame section width	1.50 m
Platform length	2.95 m
Reach height	5.60 – 13.60 m
Tower height	4.60 – 12.60 m
Standing height	3.60 – 11.60 m

- › 3.5 m² working area offers maximum safety and **lots of space** for large volumes of work materials.
- › Especially suitable for work on large ceiling areas.
- › **Permissible load:** 500 kg (5.0 kN) distributed load, corresponds to 150 kg/m² (1.5 kN/m²), according to tower group 2, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141
- › Longitudinal cross-beam, order no. 607143
- › Cross-beam extension, order no. 607234

Ballasting 6073				
Order no.	kg	kg	kg	kg
607305	0	0	0	0
607306	0	0	40	20*
607307	0	0	80	60 ⁴⁾ *
607308	0	20*	40 ³⁾	60 ³⁾⁴⁾ *
607309	0	20*	120	not permissible
607310	0	20*	not permissible	not permissible
607311	0	40 ⁴⁾ *	not permissible	not permissible
607312	0	40 ⁴⁾ *	not permissible	not permissible
607313	0	60 ⁴⁾ *	not permissible	not permissible

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

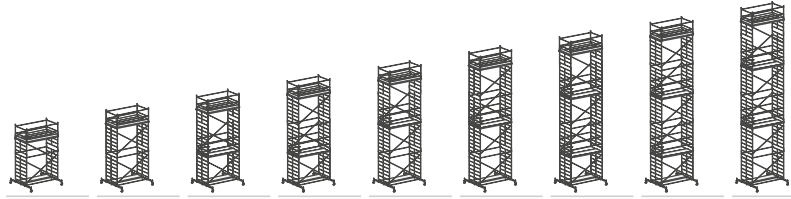
Additional parts required:

³⁾ plus 2 cross-beam extensions, order no. 607234

⁴⁾ plus 1 longitudinal cross-beam, order no. 607143

6073 Assembling combinations with mobile cross-beams

- › Frame section width 1.50 m
- › Platform length 2.95 m



Order no.	Description	607305	607306	607307	607308	607309	607310	607311	607312	607313
	Reach height (approx. m)	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60	13.60
	Tower height (approx. m)	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60
	Standing height (approx. m)	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60
Individual elements/list of components										
607322	8 rung frame section	2	4	4	6	6	8	8	10	10
607323	4 rung frame section	2	–	2	–	2	–	2	–	2
607923	2 rung guardrail section	2	2	2	2	2	2	2	2	2
607124	Platform with trapdoor	1	1	2	2	2	2	3	3	3
607324	Platform without trapdoor	1	1	2	2	2	2	3	3	3
607144	Base entry platform	1	1	1	1	1	1	1	1	1
0079630	Toeboard long side	2	2	2	2	2	2	2	2	2
0079633	Toeboard front side	2	2	2	2	2	2	2	2	2
0077268	Toeboard clip	4	4	4	4	4	4	4	4	4
607127	Diagonal brace	3	4	5	6	7	8	9	10	11
607128	Brace	6	6	10	10	12	12	16	16	18
607143	Longitudinal cross-beam	1	1	1	1	1	1	1	1	1
607134	Cross-beam	2	2	2	2	2	2	2	2	2
607234	Cross-beam extension	–	–	–	–	2	2	2	2	2
607150	Castor Ø 200 mm with spindle	4	4	4	4	4	4	4	4	4
0050493	Cross-beam clamp fitting	4	4	4	4	4	4	4	4	4
007760	Safety plug	12	12	16	16	20	20	24	24	28
0095503	Assembly instructions	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		237.1	253.1	328.7	344.7	370.5	401.5	477.1	493.1	518.9

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.



6373 Mobile tower

Frame section width	1.50 m
Platform length	2.95 m
Reach height	3.40 – 13.40 m
Tower height	2.40 – 12.40 m
Standing height	1.40 – 11.40 m

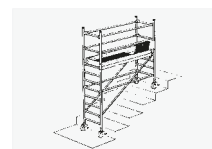
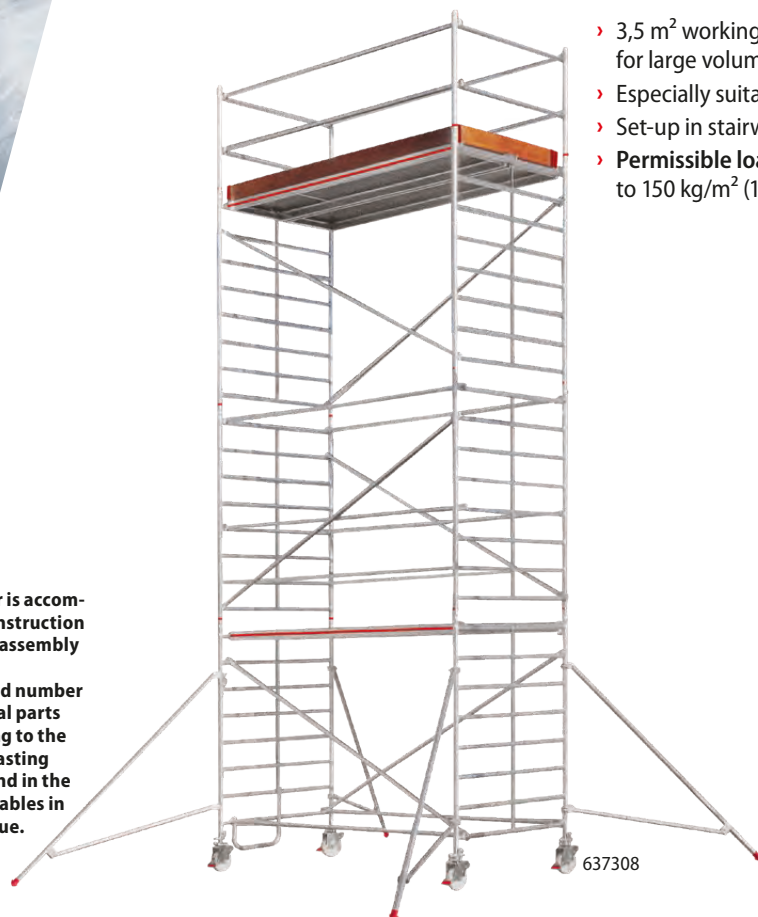
- › 3,5 m² working area offers maximum safety and **lots of space** for large volumes of work materials.
- › Especially suitable for work on large ceiling areas.
- › Set-up in stairways possible.
- › **Permissible load:** 500 kg (5.0 kN) distributed load, corresponds to 150 kg/m² (1.5 kN/m²), according to tower group 2, EN 1004.

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Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 6373				
Order no.	kg	kg	kg	kg
637303	0	0	0	0
637304	0	0	0	0 ¹⁾
637305	0	0	0	20 ^{1)*}
637306	0	0	0	40 ^{1)*}
637307	0	20*	0	60 ^{1)*}
637308	0	20*	0	0 ²⁾
637309	0	40*	0	0 ²⁾
637310	0	60*	not permissible	not permissible
637311	0	60*	not permissible	not permissible
637312	0	80*	not permissible	not permissible
637313	0	80*	not permissible	not permissible

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

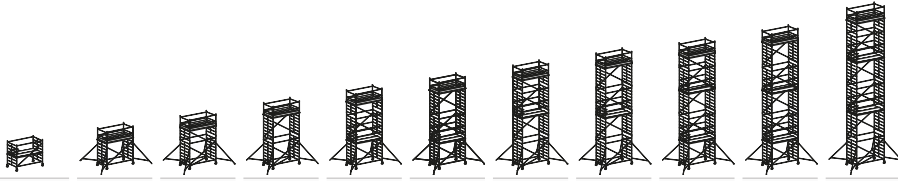
Additional parts required:

¹⁾ plus 2 wall connectors, order no. 607141, required for pressure support

²⁾ plus 2 wall connectors, order no. 607141, required for anchoring on the wall

6373 Assembling combinations with stabilisers

- › Frame section width 1.50 m
- › Platform length 2.95 m



Order no.	Description	637303	637304	637305	637306	637307	637308	637309	637310	637311	637312	637313
	Reach height (approx. m)	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40	13.40
	Tower height (approx. m)	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40	12.40
	Standing height (approx. m)	1.40	2.40	3.40	4.40	5.40	6.40	7.40	8.40	9.40	10.40	11.40
Individual elements/list of components												
607322	8 rung frame section	2	2	2	4	4	6	6	8	8	10	10
607323	4 rung frame section	–	–	2	–	2	–	2	–	2	–	2
607923	2 rung guardrail section	–	2	2	2	2	2	2	2	2	2	2
607124	Platform with trapdoor	1	1	1	1	2	2	2	2	3	3	3
607324	Platform without trapdoor	1	1	1	1	2	2	2	2	3	3	3
0079630	Toeboard long side	–	2	2	2	2	2	2	2	2	2	2
0079633	Toeboard front side	–	2	2	2	2	2	2	2	2	2	2
0077268	Toeboard clip	–	4	4	4	4	4	4	4	4	4	4
607127	Diagonal brace	2	2	3	4	5	6	7	8	9	10	11
607128	Brace	3	6	8	8	12	12	14	14	18	18	20
637136	Stabiliser	–	4	4	4	4	4	4	4	4	4	4
637342	Horizontal diagonal brace	–	–	1	1	–	–	1	1	–	–	1
637150	Castor Ø 200 mm with spindle	4	4	4	4	4	4	4	4	4	4	4
637144	Entrance bracket short	–	1	1	1	1	1	1	1	1	1	1
007760	Safety plug	–	4	8	8	12	12	16	16	20	20	24
0095534	Assembly instructions	1	1	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		110.2	167.5	197.2	213.2	284.9	300.9	330.6	346.6	418.3	434.3	464.0

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

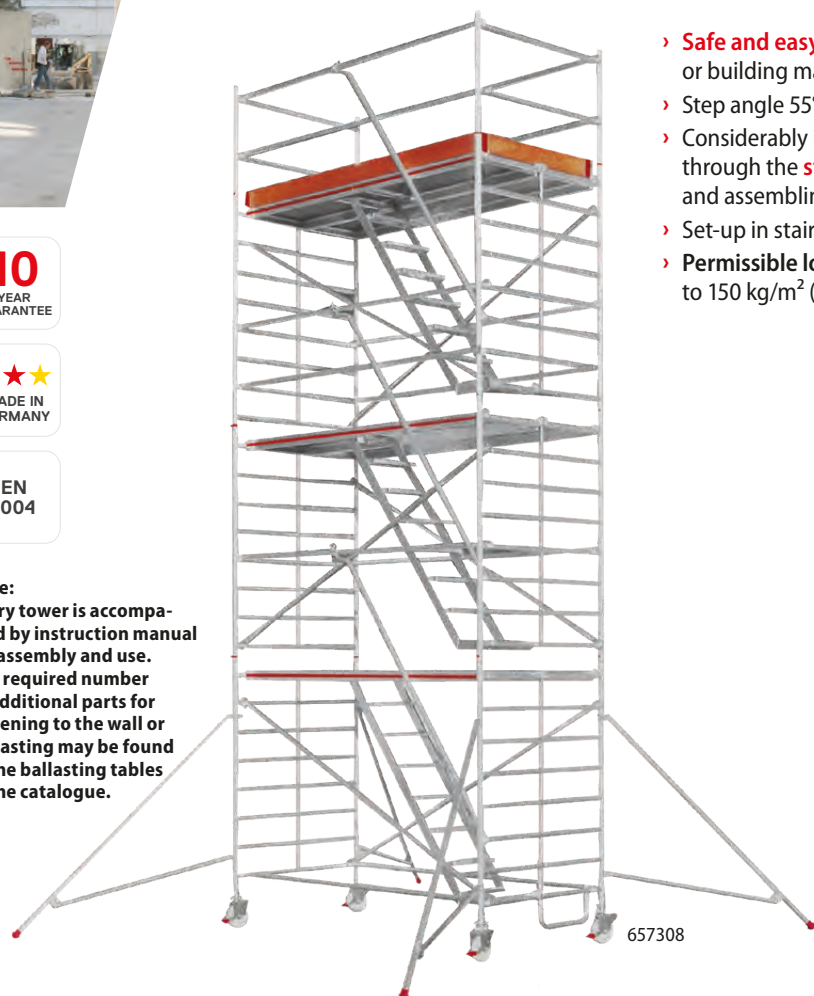


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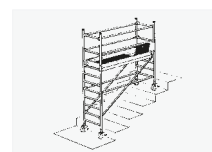
Note:
Every tower is accompanied by instruction manual for assembly and use. The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



6573 Mobile stairway tower

Frame section width	1.50 m
Platform length	2.95 m
Reach height	4.40 – 12.40 m
Tower height	3.40 – 11.40 m
Standing height	2.40 – 10.40 m

- › **Safe and easy internal ascent**, even carrying tools or building materials.
- › Step angle 55°, step depth 150 mm.
- › Considerably increased safety during assembly and dismantling through the **stairs** being attached at every floor for passing on and assembling the individual elements.
- › Set-up in stairways possible.
- › **Permissible load:** 500 kg (5.0 kN) distributed load, corresponds to 150 kg/m² (1.5 kN/m²), according to tower group 2, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141

Ballasting 6573				
Order no.	kg	kg	kg	kg
657304	0	0	40	40*
657306	0	0	0	40*
657308	0	0	0	120 ¹⁾ *
657310	0	0	not permissible	not permissible
657312	0	20*	not permissible	not permissible

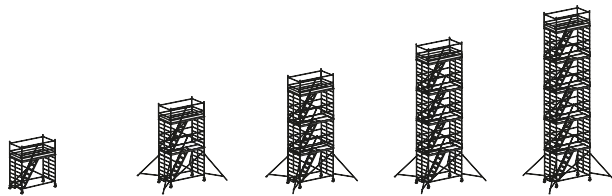
* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

Additional parts required:

¹⁾ plus 2 wall connectors, order no. 607141, required for pressure support

6573 Assembling combinations with stabilisers

- › Frame section width 1.50 m
- › Platform length 2.95 m



Order no.	Description	657304	657306	657308	657310	657312
	Reach height (approx. m)	4.40	6.40	8.40	10.40	12.40
	Tower height (approx. m)	3.40	5.40	7.40	9.40	11.40
	Standing height (approx. m)	2.40	4.40	6.40	8.40	10.40
Individual elements/list of components						
607322	8 rung frame section	2	4	6	8	10
607923	2 rung guardrail section	2	2	2	2	2
627324	Platform with trapdoor	1	1	1	1	1
627314	Platform for access without trapdoor	–	1	2	3	4
607324	Platform without trapdoor	1	2	3	4	5
637144	Entrance bracket short	1	1	1	1	1
627340	Stairs	1	2	3	4	5
0079630	Toeboard long side	2	2	2	2	2
0079633	Toeboard front side	2	2	2	2	2
0077268	Toeboard clip	4	4	4	4	4
607127	Diagonal brace	2	4	6	8	10
607128	Brace	6	10	14	18	22
627329	Guardrail tube	1	2	3	4	5
637136	Stabiliser	–	4	4	4	4
637150	Castor Ø 200 mm with spindle	4	4	4	4	4
007760	Safety plug	4	8	12	16	20
0095537	Assembly instructions	1	1	1	1	1
Total weight (approx. kg)		160.9	286.2	388.5	490.7	592.9

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

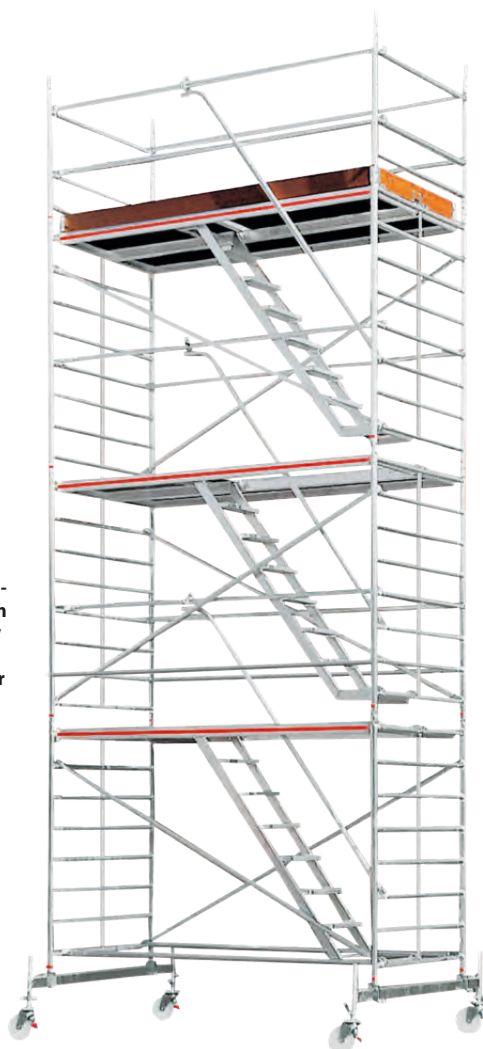


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Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.

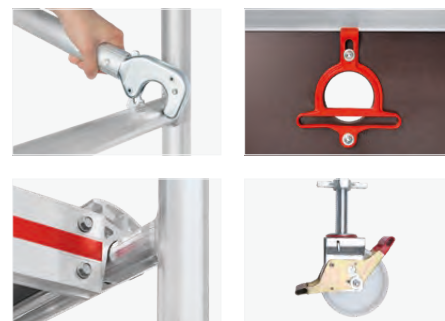


627308

6273 Mobile stairway tower

Frame section width	1.50 m
Platform length	2.95 m
Reach height	8.60 – 12.60 m
Tower height	7.60 – 11.60 m
Standing height	6.60 – 10.60 m

- › **Safe and easy internal ascent**, even carrying tools or building materials.
- › Step angle 55°, step depth 150 mm.
- › Considerably increased safety during assembly and dismantling through the **stairs** being attached at every floor for passing on and assembling the individual elements.
- › **Permissible load:** 500 kg (5.0 kN) distributed load, corresponds to 150 kg/m² (1.5 kN/m²), according to tower group 2, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 607141
- › Cross-beam extension, order no. 607234

Ballasting 6273				
Order no.	kg	kg	kg	kg
627308	0	0	40 ³⁾	160 ³⁾ *
627310	0	0	not permissible	not permissible
627312	0	0	not permissible	not permissible

* If two wall connectors no. 607141 are used for anchoring on the wall, no ballasting is necessary.

Additional parts required:

³⁾ plus 2 cross-beam extensions, order no. 607234

6273 Assembling combinations with mobile cross-beams

- › Frame section width 1.50 m
- › Platform length 2.95 m



Order no.	Description	627308	627310	627312
	Reach height (approx. m)	8.60	10.60	12.60
	Tower height (approx. m)	7.60	9.60	11.60
	Standing height (approx. m)	6.60	8.60	10.60
Individual elements/list of components				
607322	8 rung frame section	6	8	10
607923	2 rung guardrail section	2	2	2
627324	Platform with trapdoor	1	1	1
627314	Platform for access without trapdoor	2	3	4
607324	Platform without trapdoor	3	4	5
607144	Base entry platform	1	1	1
627340	Stairs	3	4	5
0079630	Toeboard long side	2	2	2
0079633	Toeboard front side	2	2	2
0077268	Toeboard clip	4	4	4
607127	Diagonal brace	6	8	10
607128	Brace	13	17	21
627329	Guardrail tube	3	4	5
607134	Cross-beam	2	2	2
607150	Castor Ø 200 mm with spindle	4	4	4
0050493	Cross-beam clamp fitting	4	4	4
007760	Safety plug	16	20	24
0095512	Assembly instructions	1	1	1
Total weight (approx. kg)		423.0	525.2	627.4

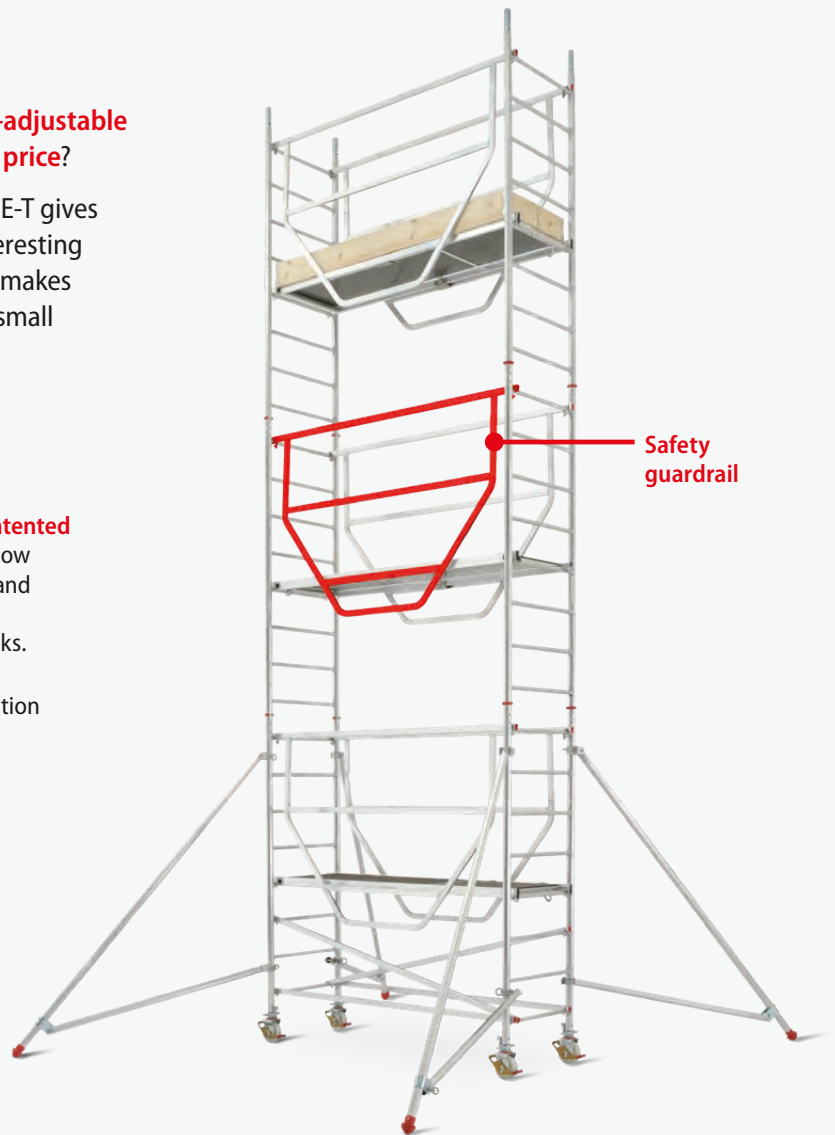
According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

Mobile tower ADVANCED SAFE-T

You need a tower that is quick to assemble, **height-adjustable** and offers a maximum of **safety**? At an **affordable price**?

The innovative mobile tower series ADVANCED SAFE-T gives you maximum safety even during assembly, an interesting cost/benefit ratio and many other features. This all makes the innovative modular system the ideal tower for small to medium-sized craft businesses.

- › Very quick and easy assembly and dismantling.
- › Even more safety for assembly and dismantling due to **patented safety guardrails**: The safety guardrail attached from below provides indispensable side protection during assembly and dismantling. The safety guardrail is simply latched into the toeboard and locked via self-locking hooks.
- › **Fewer tower individual parts** minimising the risk of safety-related components being missing at the construction site and therefore being omitted.
- › **Easy to transport**: Minimising the risk of safety-related components being missing at the construction site and therefore being omitted.
- › Just perfect for small and medium-sized businesses in terms of the **cost/benefit ratio**.



All ADVANCED SAFE-T advantages at a glance



ADVANCED SAFE-T is naturally certified to EN 1004. With ADVANCED SAFE-T, you are perfectly equipped to comply with EU Directive 2001/45/EC.



Lightweight and a small number of components with compact dimensions: It could not be safer when erected or easier to transport.



ADVANCED SAFE-T with the new safety guardrail maximises safety for working at height.



Ideal for craftsmen and practical: ADVANCED SAFE-T offers maximum performance at a low price.



ADVANCED SAFE-T has a modular design: You can quickly and easily determine the reach height you require by the number of modules.



Quality feature: Hymer-Leichtmetallbau offers an extended 10 year guarantee on ADVANCED SAFE-T.

Quick to assemble in only 12 minutes.



ADVANCED SAFE-T Video
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Note:
Every tower is accompanied
by instruction manual for
assembly and use.
The required number of
additional parts for fastening
to the wall or ballasting may
be found in the ballasting
tables in the catalogue.

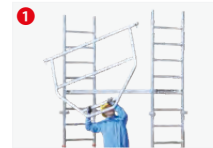


707507

7075 Mobile tower ADVANCED SAFE-T

Frame section width	0.72 m
Platform length	2.08 m
Reach height	3.25 – 11.25 m
Tower height	2.47 – 10.34 m
Standing height	1.25 – 9.25 m

- › **Secure standing** in every phase of assembly and dismantling ❶.
- › With four stabilisers as standard from a reach height of 4.25 m.
- › **From module 4 with bayonet stabiliser** ❷.
- › It is so quick and easy to twist the bayonet stabiliser into the bayonet coupling on the frame part and this can be assembled from the ground. In addition the bayonet stabiliser can be telescoped to adapt to all ground surfaces.
- › **Welded frame sections** are robust and improve the stability of the tower, meaning that greater assembly heights can be achieved.
- › With height-adjustable, **spindle mounted castors** ❸ and are thus suited for all work, both interior and exterior.
- › **Permissible load:** 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 707241

Ballasting 7075					
Order no.		kg	kg	kg	kg
707503	Module 1	0	0	0	0
707504	Module 1+KIT+stabilisers	0	70	0	120
707505	Module 1+2	0	70**	0	120**
707506	Module 1+2+KIT	0	140**	0	240**
707507	Module 1+2+3	0	140**	0	240**
707508	Module 1+2+3+KIT	0	200**	180**	0 ²⁾
707509	Module 1+2+3+4	0	170**	40**	0 ²⁾
707510	Module 1+2+3+4+KIT	0	230**	not permissible	not permissible
707511	Module 1+2+3+4+3	0	230**	not permissible	not permissible

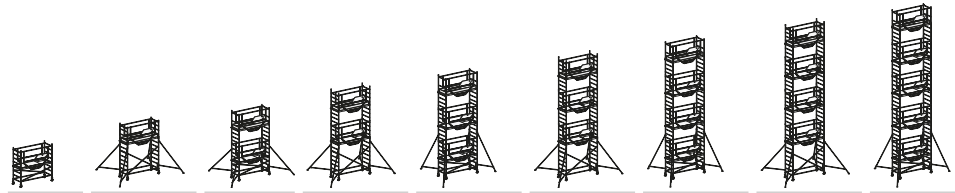
** No ballasting required when 707241 wall connectors are used.

Additional parts required:

²⁾ plus 2 wall connectors, order no. 707241

7075 Assembling combinations with stabilisers

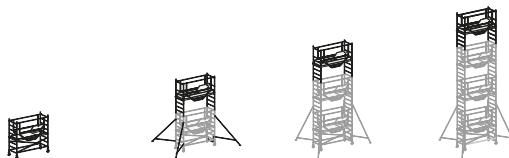
- › Stable, welded 8 rung frame sections
- › Height-adjustable castors
- › Frame section width 0.72 m
- › Platform length 2.08 m



Assembling combinations		Module 1	Module 1+KIT+stabilisers	Module 1+2	Module 1+2+KIT	Module 1+2+3	Module 1+2+3+KIT	Module 1+2+3+4	Module 1+2+3+4+KIT	Module 1+2+3+4+3
Order no.	Description	707503	707504	707505	707506	707507	707508	707509	707510	707511
	Reach height (approx. m)	3.25	4.25	5.25	6.25	7.25	8.25	9.25	10.25	11.25
	Tower height (approx. m)	2.47	3.47	4.34	5.34	6.34	7.34	8.34	9.34	10.34
	Standing height (approx. m)	1.25	2.25	3.25	4.25	5.25	6.25	7.25	8.25	9.25
Individual elements/list of components										
707022	8 rung frame section	2	2	4	4	6	6	8	8	10
707023	4 rung frame section	–	2	–	2	–	2	–	2	–
709524	Platform with trapdoor	1	1	2	2	3	3	4	4	5
709529	Safety guardrail long	2	2	4	4	6	6	8	8	10
7090227	Diagonal brace	2	2	2	2	2	2	2	2	2
70094227	Diagonal brace	–	2	–	2	–	2	–	2	–
70094228	Brace	2	2	2	2	2	2	2	2	2
707035	Stabiliser base section	–	4	4	4	4	4	4	4	4
707037	Stabiliser extension section	–	–	–	–	–	–	4	4	4
707125	Toeboard long side ²⁾	–	–	2	2	2	2	2	2	2
707226	Toeboard front side ²⁾	–	–	2	2	2	2	2	2	2
707044	Entrance bracket	–	–	1	1	1	1	1	1	1
007503	Castor Ø 150 mm with spindle	4	4	4	4	4	4	4	4	4
007760	Safety plug	–	4	4	8	8	12	12	16	16
0095686	Assembly instructions	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		56.5	89.1	120.3	132.9	156.4	169.0	198.5	211.1	234.6

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

7075 Single modules



Individual elements/list of components		Module 1	Module 2	Module 3	Module 4	KIT	Stabilisers set
Order no.	Description	707503	707515	707517	707519	707501	707502
707022	8 rung frame section	2	2	2	2	–	–
707023	4 rung frame section	–	–	–	–	2	–
709524	Platform with trapdoor	1	1	1	1	–	–
709529	Safety guardrail long	2	2	2	2	–	–
7090227	Diagonal brace	2	–	–	–	–	–
70094227	Diagonal brace	–	–	–	–	2	–
70094228	Brace	2	–	–	–	–	–
707035	Stabiliser base section	–	4	–	–	–	4
707037	Stabiliser extension section	–	–	–	4	–	–
707125	Toeboard long side ²⁾	–	2	–	–	–	–
707226	Toeboard front side ²⁾	–	2	–	–	–	–
707044	Entrance bracket	–	1	–	–	–	–
007503	Castor Ø 150 mm with spindle	4	–	–	–	–	–
007760	Safety plug	–	4	4	4	4	–
0095686	Assembly instructions	1	1	1	1	1	–
Total weight (approx. kg)		56.5	63.8	36.1	42.1	12.6	20.0

²⁾ Possible accessory element: Toeboard folding, order no. 707026, see on page 119.

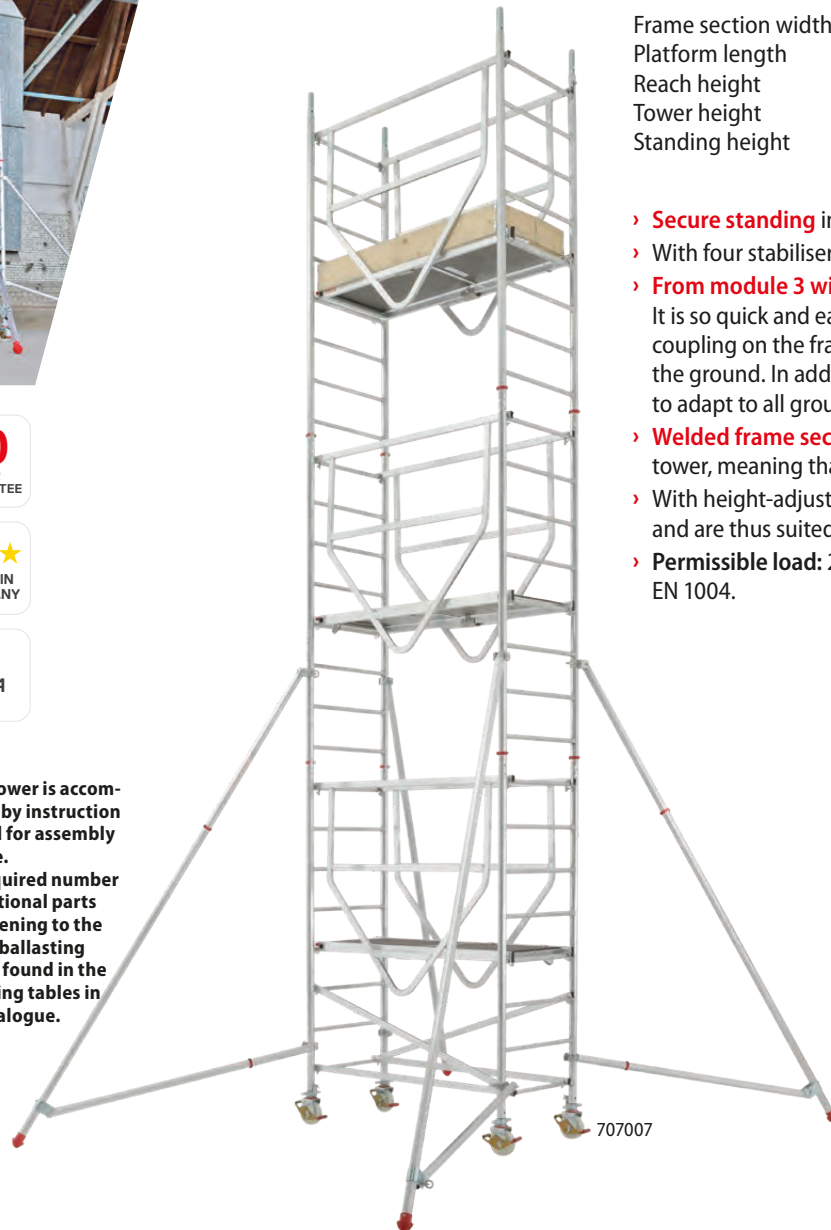


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Note:
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The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



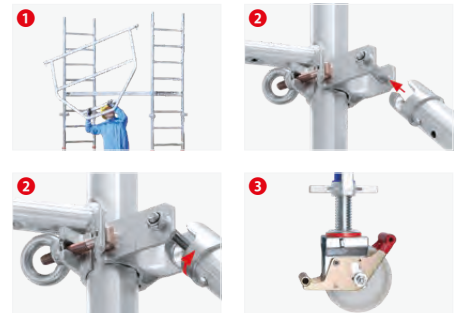
7070 Mobile tower ADVANCED SAFE-T

Frame section width	0.72 m
Platform length	1.58 m
Reach height	3.25 – 11.25 m
Tower height	2.47 – 10.34 m
Standing height	1.25 – 9.25 m

- › **Secure standing** in every phase of assembly and dismantling ❶.
- › With four stabilisers as standard from a reach height of 4.25 m.
- › **From module 3 with bayonet stabiliser** ❷.

It is so quick and easy to twist the bayonet stabiliser into the bayonet coupling on the frame part and this can be assembled from the ground. In addition the bayonet stabiliser can be telescoped to adapt to all ground surfaces.

- › **Welded frame sections** are robust and improve the stability of the tower, meaning that greater assembly heights can be achieved.
- › With height-adjustable, **spindle mounted castors** ❸ and are thus suited for all work, both interior and exterior.
- › **Permissible load:** 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 707241

Ballasting 7070					
Order no.		kg	kg	kg	kg
707003	Module 1	0	0	0	0
707004	Module 1+KIT+stabilisers	0	80**	0	110**
707005	Module 1+2	0	80**	0	110**
707006	Module 1+2+KIT	0	140**	40**	210**
707007	Module 1+2+3	0	120**	0	240**
707008	Module 1+2+3+KIT	40**	180**	80**	0 ²⁾
707009	Module 1+2+3+4	40**	180**	80**	0 ²⁾
707010	Module 1+2+3+4+KIT	60**	240**	not permissible	not permissible
707011	Module 1+2+3+4+4	60**	240**	not permissible	not permissible

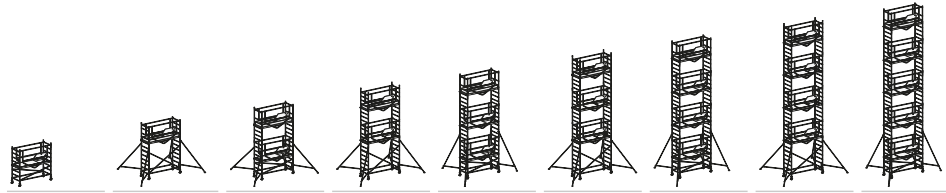
** No ballasting required when 707241 wall connectors are used.

Additional parts required:

²⁾ plus 2 wall connectors, order no. 707241

7070 Assembling combinations with stabilisers

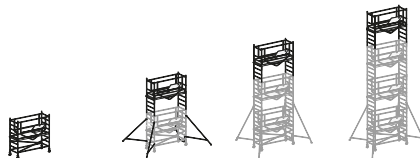
- › Stable, welded 8 rung frame sections
- › Height-adjustable castors
- › Frame section width 0.72 m
- › Platform length 1.58 m



Assembling combinations		Module 1	Module 1+KIT+stabilisers	Module 1+2	Module 1+2+KIT	Module 1+2+3	Module 1+2+3+KIT	Module 1+2+3+4	Module 1+2+3+4+KIT	Module 1+2+3+4+4
Order no.	Description	707003	707004	707005	707006	707007	707008	707009	707010	707011
	Reach height (approx. m)	3.25	4.25	5.25	6.25	7.25	8.25	9.25	10.25	11.25
	Tower height (approx. m)	2.47	3.47	4.34	5.34	6.34	7.34	8.34	9.34	10.34
	Standing height (approx. m)	1.25	2.25	3.25	4.25	5.25	6.25	7.25	8.25	9.25
Individual elements/list of components										
707022	8 rung frame section	2	2	4	4	6	6	8	8	10
707023	4 rung frame section	–	2	–	2	–	2	–	2	–
7089424	Platform with trapdoor	1	1	2	2	3	3	4	4	5
709029	Safety guardrail short	2	2	4	4	6	6	8	8	10
7090127	Diagonal brace	2	2	2	2	2	2	2	2	2
7089427	Diagonal brace	–	2	–	2	–	2	–	2	–
7089428	Brace	2	2	2	2	2	2	2	2	2
707035	Stabiliser base section	–	4	4	4	4	4	4	4	4
707037	Stabiliser extension section	–	–	–	–	4	4	4	4	4
7009425	Toeboard long side ¹⁾	–	–	2	2	2	2	2	2	2
707226	Toeboard front side ¹⁾	–	–	2	2	2	2	2	2	2
707044	Entrance bracket	–	–	1	1	1	1	1	1	1
007503	Castor Ø 150 mm with spindle	4	4	4	4	4	4	4	4	4
007760	Safety plug	–	4	4	8	8	12	12	16	16
0095689	Assembly instructions	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		50.1	82.1	107.9	119.9	144.8	156.8	175.7	187.7	206.6

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

7070 Single modules



Individual elements/list of components		Module 1	Module 2	Module 3	Module 4	KIT	Stabilisers set
Order no.	Description	707003	707015	707017	707019	707001	707002
707022	8 rung frame section	2	2	2	2	–	–
707023	4 rung frame section	–	–	–	–	2	–
7089424	Platform with trapdoor	1	1	1	1	–	–
709029	Safety guardrail short	2	2	2	2	–	–
7090127	Diagonal brace	2	–	–	–	–	–
7089427	Diagonal brace	–	–	–	–	2	–
7089428	Brace	2	–	–	–	–	–
707035	Stabiliser base section	–	4	–	–	–	4
707037	Stabiliser extension section	–	–	4	–	–	–
7009425	Toeboard long side ¹⁾	–	2	–	–	–	–
707226	Toeboard front side ¹⁾	–	2	–	–	–	–
707044	Entrance bracket	–	1	–	–	–	–
007503	Castor Ø 150 mm with spindle	4	–	–	–	–	–
007760	Safety plug	–	4	4	4	4	–
0095689	Assembly instructions	1	1	1	1	1	–
Total weight (approx. kg)		50.1	57.8	36.9	30.9	12.0	20.0

¹⁾ Possible accessory element: Toeboard folding, order no. 707025, see on page 119.



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Note:
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assembly and use.
The required number
of additional parts for
fastening to the wall or
ballasting may be found
in the ballasting tables
in the catalogue.



7074 Mobile tower

Frame section width	0.72 m
Platform length	2.08 m
Reach height	3.25 – 11.25 m
Tower height	2.47 – 10.35 m
Standing height	1.25 – 9.25 m

- › Can be assembled and dismantled without tools easily, quickly and hence economically.
- › With **4 stabilisers** as standard from reach height of 4.25 m.
- › Stabilisers are easy to fit on the frame sections using clamping fittings.
- › Swinging two stabilisers to one side allows the wall to be approached closely.
- › **Stable castors** (Ø 150 mm) with spindle. The spindle sits centrally on the castor and does not project outwards.
- › Precise adaptation to local floor conditions is made possible by **height-adjustable castors**.
- › Working platforms with non-slip surfaces.
- › Outstanding price/performance ratio makes it very economical.
- › **Permissible load:** 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Additional parts required:

- › Ballast 10 kg, order no. 0050879
- › Ballast 15 kg, order no. 0050985
- › Wall connector, order no. 707241

Ballasting 7074				
Order no.	kg	kg	kg	kg
707403	0	0	0	0
707404	0	50**	0	50**
707405	0	80**	0	90**
707406	0	110**	0	130**
707407	0	140**	0	180**
707408	40**	180**	40**	250**
707409	40**	220**	100**	0 ²⁾
707410	60**	260**	not permissible	not permissible
707411	80**	300**	not permissible	not permissible

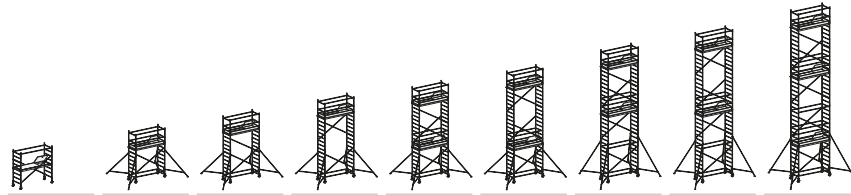
** No ballasting required when 707241 wall connectors are used.

Additional parts required:

²⁾ plus 2 wall connectors, order no. 707241

7074 Assembling combinations with stabilisers

- › Frame section width 0.72 m
- › Platform length 2.08 m



Order no.	Description	707403	707404	707405	707406	707407	707408	707409	707410	707411
	Reach height (approx. m)	3.25	4.25	5.25	6.25	7.25	8.25	9.25	10.25	11.25
	Tower height (approx. m)	2.47	3.35	4.35	5.35	6.35	7.35	8.35	9.35	10.35
	Standing height (approx. m)	1.25	2.25	3.25	4.25	5.25	6.25	7.25	8.25	9.25
Individual elements/list of components										
707022	8 rung frame section	2	2	2	4	4	6	6	8	8
707023	4 rung frame section	–	–	2	–	2	–	2	–	2
7070123	2 rung guardrail section	–	2	2	2	2	2	2	2	2
709524	Platform with trapdoor	1	1	1	1	2	2	2	2	3
70094227	Diagonal brace	2	2	3	4	5	6	7	8	9
70094228	Brace	2	6	6	6	10	10	12	12	16
707125	Toeboard long side ²⁾	–	2	2	2	2	2	2	2	2
707226	Toeboard front side ²⁾	–	2	2	2	2	2	2	2	2
707336	Stabiliser short	–	4	4	4	4	4	4	4	4
707044	Entrance bracket	–	1	1	1	1	1	1	1	1
007503	Castor Ø 150 mm with spindle	4	4	4	4	4	4	4	4	4
007760	Safety plug	–	4	8	8	12	12	16	16	20
0095694	Assembly instructions	1	1	1	1	1	1	1	1	1
Total weight (approx. kg)		47.9	84.2	95.3	103.8	130.6	139.1	152.8	161.3	188.1

²⁾ Alternatively: Toeboard folding, order no. 707026, see on page 119.

According to EN 1004, standing heights of 8 m and more are permissible only in the interior.

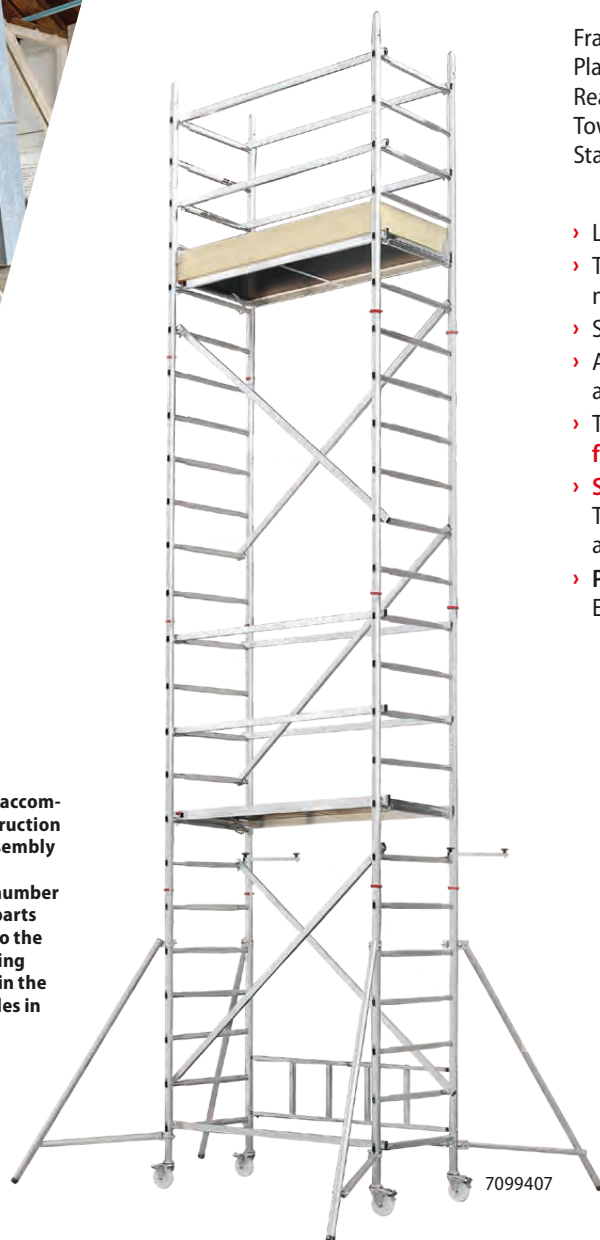


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Note:
Every tower is accompanied by instruction manual for assembly and use.
The required number of additional parts for fastening to the wall or ballasting may be found in the ballasting tables in the catalogue.



70994 Mobile tower SAFE-T SOLUTION

Frame section width	0.72 m
Platform length	1.58 m
Reach height	2.89 – 7.15 m, with SAFE-T KIT up to 7.65 m
Tower height	1.83 – 6.35 m, with SAFE-T KIT up to 6.71 m
Standing height	0.89 – 5.15 m, with SAFE-T KIT up to 5.65 m

- › Lightweight, versatile working tower, compact to store and transport.
- › Thanks to the exclusive use of 6-rung frame sections, no component is longer than 2.00 m.
- › Supplied in complete modules, packed in cardboard.
- › All braces and diagonal braces are fitted with the **click system** and so no tools are required for assembly and dismantling.
- › The basic module is a folding tower, **particularly suited for working indoors** (passes through any door).
- › **SAFE-T KIT:** More safety in high spaces with the SAFE-T KIT: This accessory module raises any module by 0.50 m and fits it with handrails.
- › **Permissible load:** 200 kg/m² (2.0 kN/m²), according to tower group 3, EN 1004.



Module 1





Module 1+SAFE-T KIT



Additional parts required:

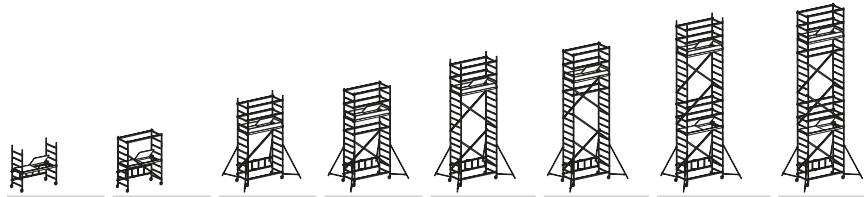
- › Ballast 10 kg, order no. 004124
- › Wall connector, order no. 707241

Ballasting 70994			
Order no.		kg	kg
7099403	Module 1	0	0
7099423	Module 1+KIT	20**	20**
7099404	Module 1+2	0	40**
7099424	Module 1+2+KIT	0	40**
7099405	Module 1+2+3	40**	40**
7099425	Module 1+2+3+KIT	80**	80**
7099407	Module 1+2+3+4	120**	120**
7099427	Module 1+2+3+4+KIT	120**	160**

** No ballasting required when 707241 wall connectors are used.

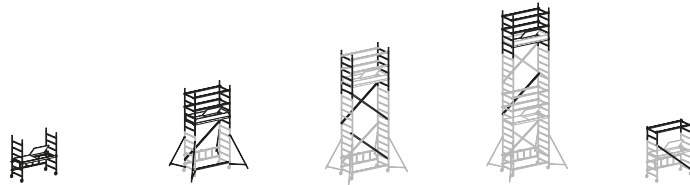
70994 Assembling combinations with stabilisers

- › Frame section width 0.72 m
- › Platform length 1.58 m



Assembling combinations	Module 1	Module 1+KIT	Module 1+2	Module 1+2+KIT	Module 1+2+3	Module 1+2+3+KIT	Module 1+2+3+4	Module 1+2+3+4+KIT
Order no.	7099403	7099423	7099404	7099424	7099405	7099425	7099407	7099427
Reach height (approx. m)	2.89	3.14	4.15	4.65	5.65	6.15	7.15	7.65
Tower height (approx. m)	1.83	2.19	3.35	3.71	4.85	5.21	6.35	6.71
Standing height (approx. m)	0.89	1.14	2.15	2.65	3.65	4.15	5.15	5.65
Total weight (approx. kg)	23.2	28.8	53.0	58.6	63.4	69.0	82.9	88.5

70994 Single modules

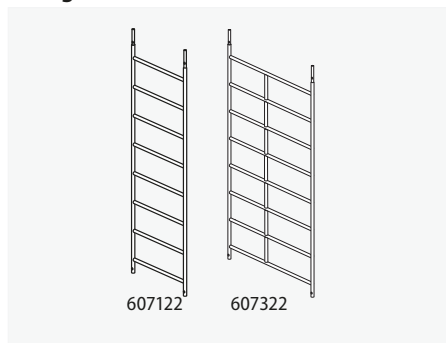


Individual elements/list of components	Module 1	Module 2	Module 3	Module 4	SAFE-T KIT
Order no.	7099403	7099414	7099415	7099417	7099401
7079422 6 rung frame section	2	2	2	2	–
7089421 Folding frame	1	–	–	–	–
7089424 Platform with trapdoor	1	–	–	1	–
7009425 Toeboard long side ¹⁾	–	2	–	–	–
707226 Toeboard front side ¹⁾	–	2	–	–	–
7089427 Diagonal brace	–	1	3	1	1
7089428 Brace	–	5	–	4	2
7009436 Stabiliser short	–	4	–	–	–
707241 Wall connector	–	2	–	–	–
007542 Castor Ø 125 mm with expanding sleeve	4	–	–	–	–
7089401 2 rung guardrail section	–	–	–	–	2
007760 Safety plug	–	4	4	4	4
0095660 Assembly instructions	1	1	1	1	1
Total weight (approx. kg)	23.2	29.8	10.4	19.5	5.6

¹⁾ Possible accessory element: Toeboard folding, order no. 707025, see on page 119.

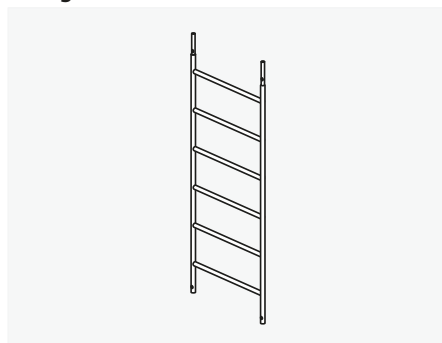
SC 60 and SC 80 individual elements

8 rung frame section



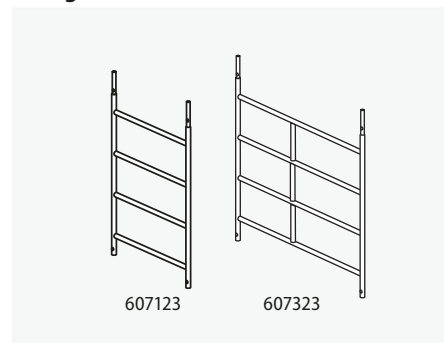
Width (approx. m)	0.80	1.50
Length (approx. m)	2.15	2.15
Weight (approx. kg)	8.5	12.7
Order no.	607122	607322

6 rung frame section



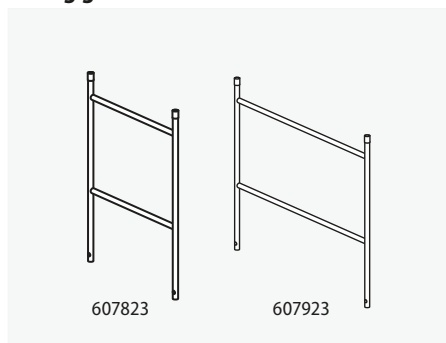
Width (approx. m)	0.80
Length (approx. m)	1.65
Weight (approx. kg)	6.7
Order no.	607822

4 rung frame section



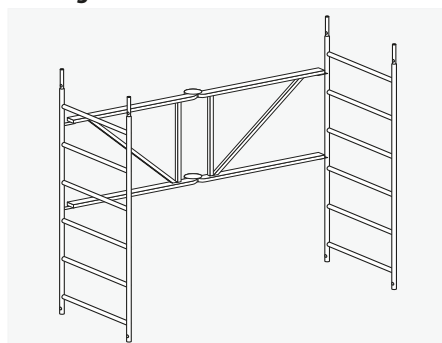
Width (approx. m)	0.80	1.50
Length (approx. m)	1.15	1.15
Weight (approx. kg)	4.8	6.8
Order no.	607123	607323

2 rung guardrail section



Width (approx. m)	0.80	1.50
Length (approx. m)	1.00	1.00
Weight (approx. kg)	2.8	3.7
Order no.	607823	607923

Folding frame



Length (approx. m)	1.80
Width (approx. m)	0.80
Height (approx. mm)	1.65
Weight (approx. kg)	18.6
Order no.	617721

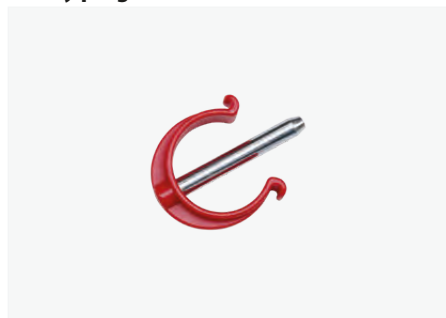
› With frame sections.

Stairs



Dimensions (approx. m)	2.50×0.53
Weight (approx. kg)	14.0
Order no.	627340

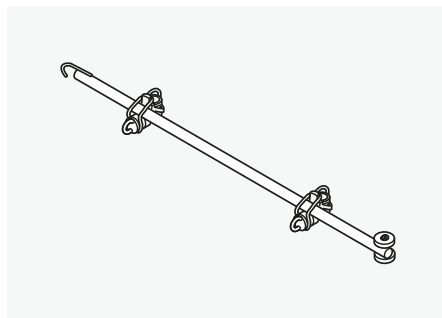
Safety plug



Weight (approx. kg)	0.1
Order no.	007760

› Made from high-quality plastic with steel bolts.

Wall connector



Length (approx. m)	2.05
Weight (approx. kg)	4.6
Order no.	607141

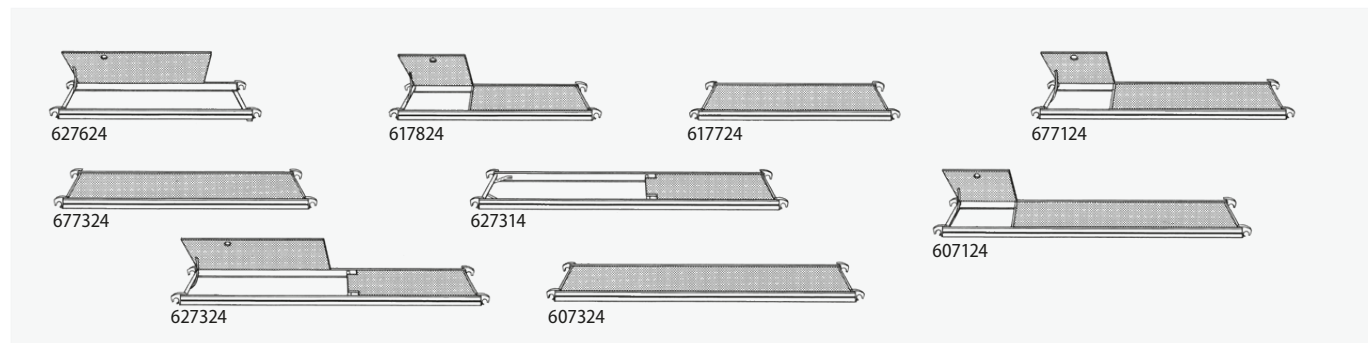
Entrance bracket



Type	short	long
Dimensions (approx. m)	0.60×0.47	0.73×0.47
Weight (approx. kg)	1.1	1.3
Order no.	637144	607146

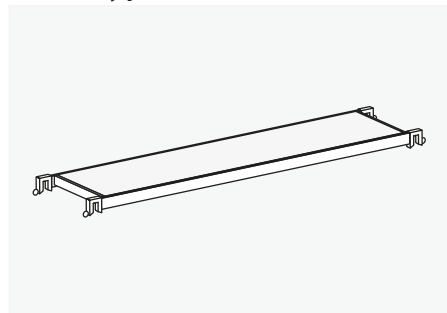
SC 60 and SC 80 individual elements

Platform



Trapdoor	yes	yes	no	yes	no	for passage without trapdoor	yes	yes	no
External dimensions (approx. m)	1.90×0.65	1.90×0.65	1.90×0.65	2.45×0.65	2.45×0.65	2.95×0.65	2.95×0.65	2.95×0.65	2.95×0.65
Weight (approx. kg)	12.2	13.8	14.1	17.6	16.0	13.7	21.2	19.7	21.0
Order no.	627624	617824	617724	677124	677324	627314	607124	627324	607324

Base entry platform



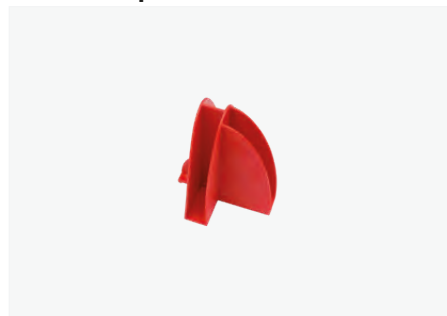
External dimensions (approx. m)	2.95×0.55
Weight (approx. kg)	22.4
Order no.	607144

Toeboard



Type	long side			front side	
Ext. dimensions (approx. m)	2.70×0.15×0,025	2.20×0.15×0,025	1.65×0.15×0,025	1.25×0.15×0,025	0.60×0.15×0,025
Weight (approx. kg)	4.2	3.5	2.9	2.3	1.0
Order no.	0079630	0079631	0079632	0079633	0079634

Toeboard clip



Weight (approx. kg)	0.2
Order no.	0077268

SC 60 and SC 80 individual elements

Castor

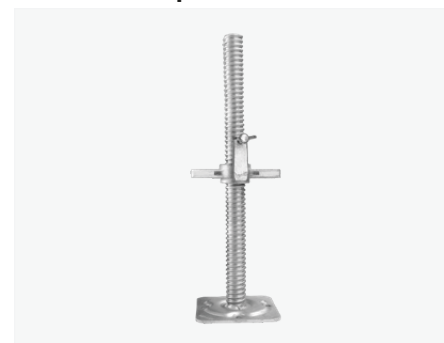


Spindle	no	yes	yes	yes	yes
Castor diameter (approx. mm)	125	150	200	200	200
Adjustment range (approx. mm)	–	115	220	220	220
Weight (approx. kg)	1.5	3.9	5.7	5.7	6.0
Order no.	617750	007503	637150 ¹⁾	607150 ¹⁾	007522 ²⁾

¹⁾ Note: Instead of castors 607150 and 637150, you can use the castor with rubberised tread 007522 or the disc foot with spindle 004648.

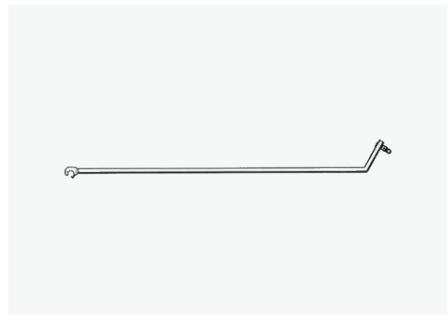
²⁾ For use instead of castor 637150 for scaffolds with stabilisers, please order in addition one set of plug and socket for each scaffold (order no. 0054104), see on page 147.

Disc foot with spindle



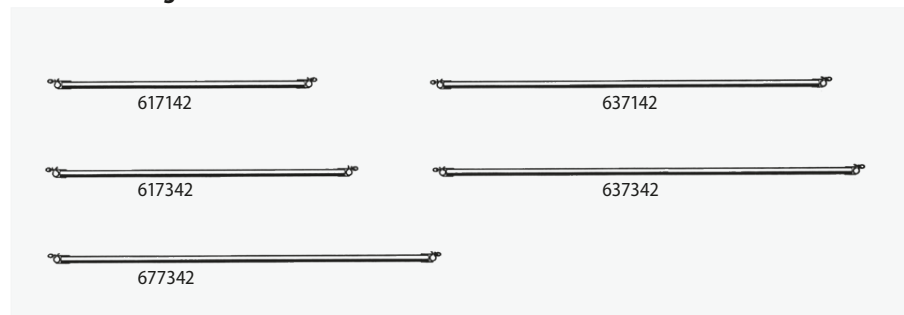
Spindle	yes
Disc dimensions (approx. mm)	135×110
Adjustment range (approx. mm)	445
Weight (approx. kg)	3.4
Order no.	004648 ²⁾

Guardrail tube



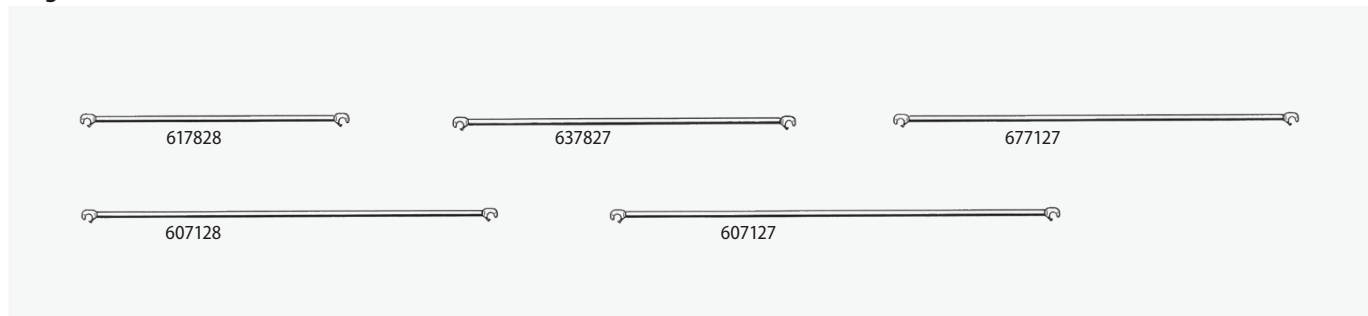
Length (approx. m)	2.80
Weight (approx. kg)	4.1
Order no.	627329

Horizontal diagonal brace



Length (approx. m)	1.95	2.30	2.75	2.95	3.20
Weight (approx. kg)	2.8	3.1	3.5	3.7	3.9
Order no.	617142	617342	677342	637142	637342

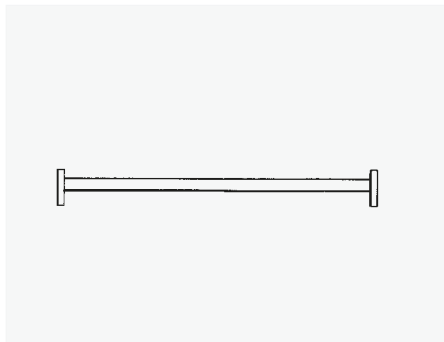
Diagonal brace/brace



Length (approx. m)	1.90	2.45	2.90	2.95	3.30
Weight (approx. kg)	2.1	2.4	2.8	3.8	4.2
Order no.	617828	637827	677127	607128	607127

SC 60 and SC 80 individual elements

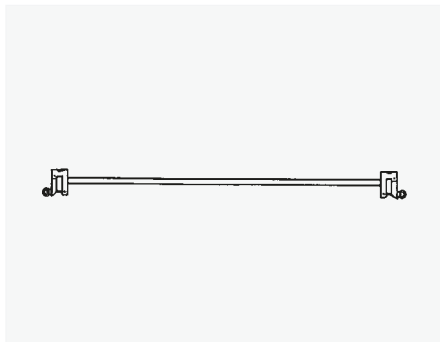
Cross-beam



Length (approx. m)	2.05
Weight (approx. kg)	17.5
Order no.	607134

- › Made of rectangular galvanised steel tubing.

Longitudinal cross-beam



Length (approx. m)	2.95
Weight (approx. kg)	13.1
Order no.	607143

Cross-beam extension



Length (approx. m)	0.66
Weight (approx. kg)	7.5
Order no.	607234

- › Made of rectangular galvanised steel tubing.

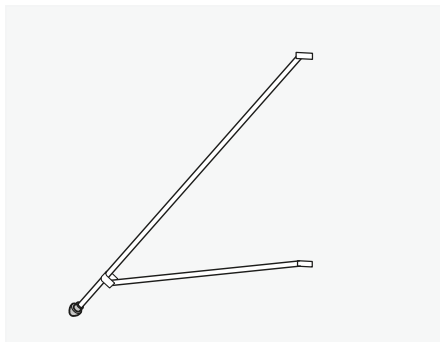
Cross-beam clamp fitting



Weight (approx. kg)	1.2
Order no.	0050493

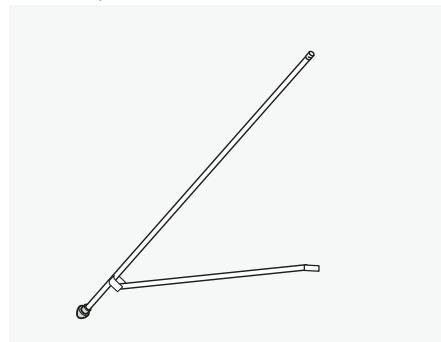
- › Made of steel, galvanised.

SC 60 stabiliser



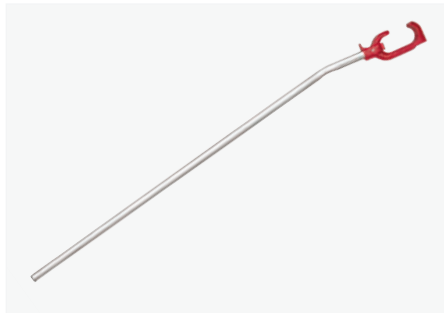
Dimensions (approx. m)	2.70×0.15
Weight (approx. kg)	5.8
Order no.	637136

SC 80 bayonet stabiliser



Dimensions (approx. m)	3.40×0.15
Weight (approx. kg)	6.9
Order no.	635136

HYMER-Lifter



Length (approx. m)	1.80
Weight (approx. kg)	0.7
Order no.	605199

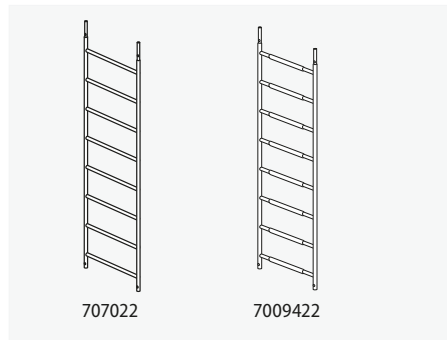
Ballast



Weight (approx. kg)	10.0	15.0
Order no.	0050879	0050985

SC 40 individual elements

8 rung frame section



Width (approx. m)	0.72	0.72
Length (approx. m)	2.15	2.17
Type	welded	flanged
Weight (approx. kg)	8.1	4.3
Order no.	707022	7009422

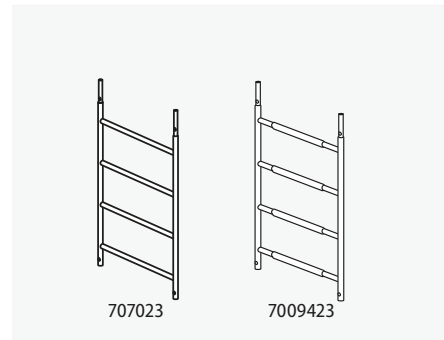
6 rung frame section



Width (approx. m)	0.72
Length (approx. m)	1.67
Type	flanged
Weight (approx. kg)	3.2
Order no.	7079422

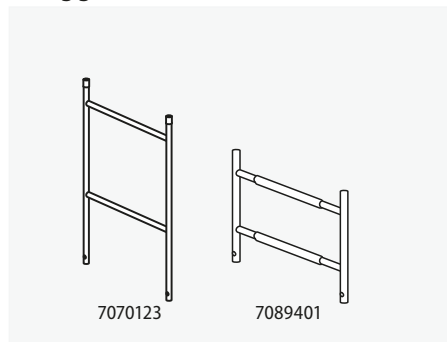
› Drilled for folding frame 7089421.

4 rung frame section



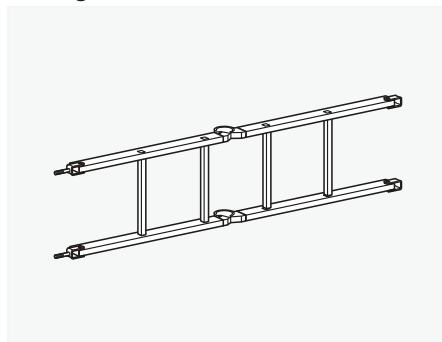
Width (approx. m)	0.72	0.72
Length (approx. m)	1.15	1.17
Type	welded	flanged
Weight (approx. kg)	4.6	2.2
Order no.	707023	7009423

2 rung guardrail section



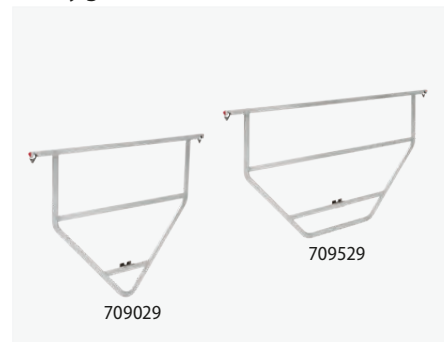
Width (approx. m)	0.72	0.72
Length (approx. m)	1.02	0.53
Type	welded	flanged
Weight (approx. kg)	2.7	1.0
Order no.	7070123	7089401

Folding frame



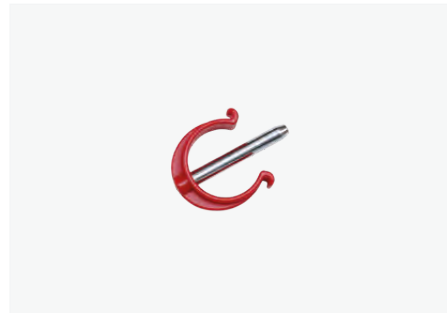
Dimensions (approx. m)	1.57×0.36
Weight (approx. kg)	4.5
Order no.	7089421

Safety guardrail



Type	short	long
Length (approx. m)	1.59	2.09
Weight (approx. kg)	3.4	4.5
Order no.	709029	709529

Safety plug



Weight (approx. kg)	0.1
Order no.	007760

› Made from high-quality plastic with steel bolts.

Wall connector



Length (approx. m)	0.75
Weight (approx. kg)	0.5
Order no.	707241

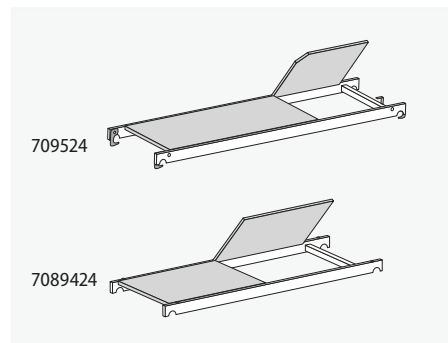
Entrance bracket



Dimensions (approx. m)	0.56×0.45
Weight (approx. kg)	0.7
Order no.	707044

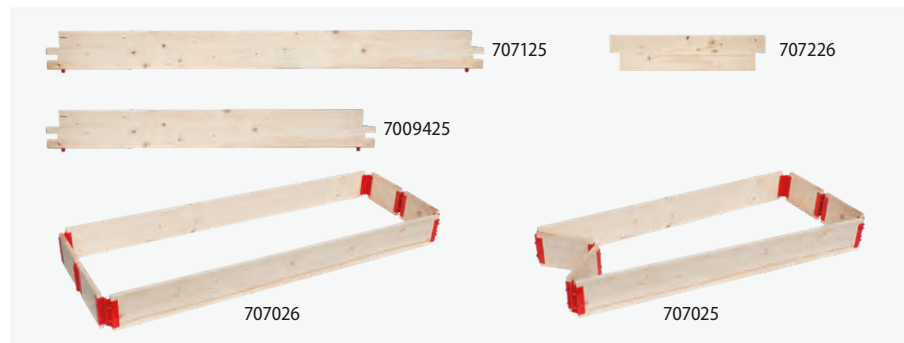
SC 40 individual elements

Platform



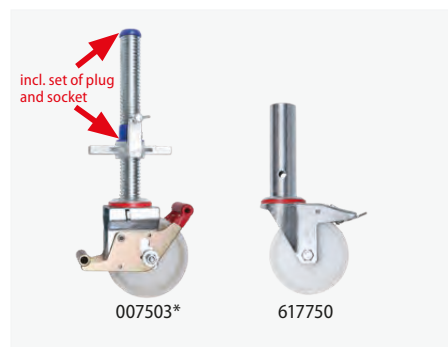
Trapdoor	yes	yes
External dimensions L×W (approx. m)	2.08×0.61	1.58×0.61
Weight (approx. kg)	10.5	7.5
Order no.	709524	7089424

Toeboard



Type	long side		front side	folding, long	folding, short
External dimensions L×W×H (approx. m)	2.03×0.17×0.02	1.53×0.17×0.02	0.66×0.15×0.02	1.95×0.63×0.17	1.45×0.63×0.17
Pack size L×W×H (approx. m)	–	–	–	1.90×0.13×0.17	1.40×0.13×0.17
Weight (approx. kg)	2.7	2.3	0.8	7.1	6.6
Order no.	707125	7009425	707226	707026	707025

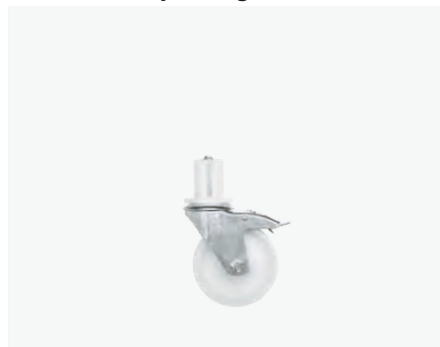
Castor



Spindle	yes	no
Castor diameter (approx. mm)	150	125
Adjustment range (approx. mm)	115	–
Weight (approx. kg)	3.9	1.5
Order no.	007503 *	617750

* Not suitable for mobile tower no. 70994

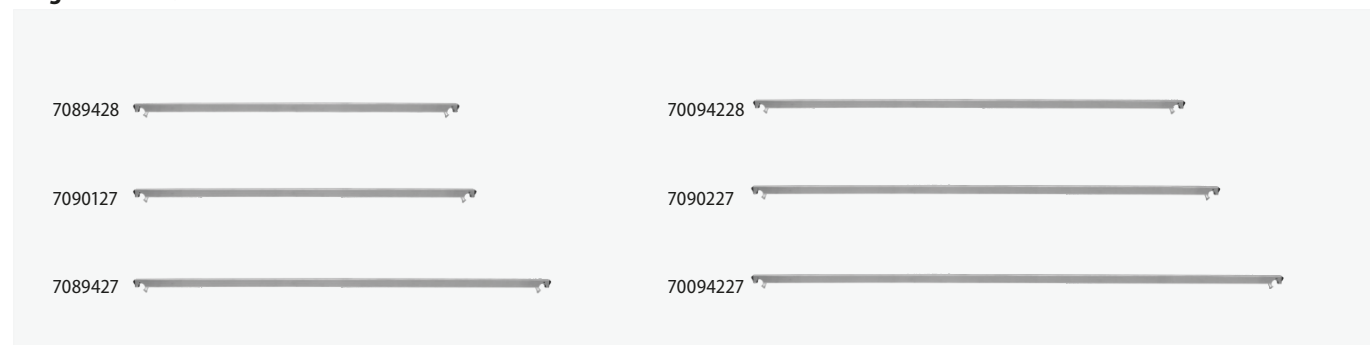
Castor with expanding sleeve



Spindle	no
Castor diameter (approx. mm)	125
Adjustment range (approx. mm)	–
Weight (approx. kg)	1.2
Order no.	007542

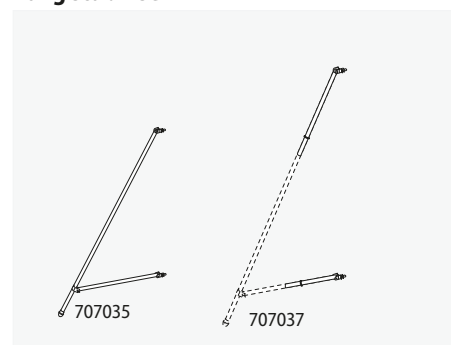
SC 40 individual elements

Diagonal brace/brace



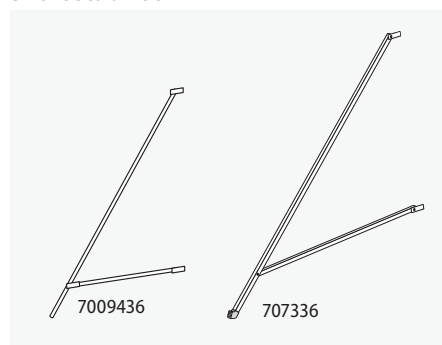
Length (approx. m)	1.59	1.67	2.04	2.09	2.15	2.45
Weight (approx. kg)	1.0	1.0	1.2	1.3	1.3	1.5
Order no.	7089428	7090127	7089427	70094228	7090227	70094227

Long stabiliser



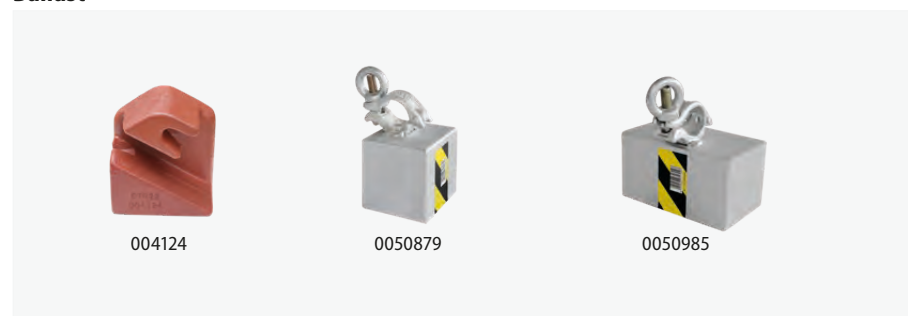
	base section	extension section
Dimensions (approx. m)	2.55×0.15	1.14×0.15
Weight (approx. kg)	5.0	1.5
Order no.	707035	707037

Short stabiliser



Dimensions (approx. m)	1.72×0.10	2.55×0.10
Weight (approx. kg)	2.4	4.4
Order no.	7009436	707336

Ballast



Weight (approx. kg)	10.0	10.0	15.0
Order no.	004124	0050879	0050985



Accessories and spare parts for serial products

Accessories for a safe stand	page 122
Accessories for hooking	page 125
Accessories 'Safe to the wall'	page 126
Accessories for moving	page 127
Accessories for better hold	page 129
Accessories for safety and comfort	page 130
Accessories for roof ladders	page 131
Spare parts – Feet, shoes and covers	page 132
Spare parts – Cross-beams and foot extensions	page 136
Spare parts – Hinges and fittings	page 137
Spare parts – Ropes, rope pulley sets and safety struts	page 140
Spare parts – Tool trays, tool bag and platform	page 141
Spare parts for 'ZoomMaster®' telescopic leaning ladder	page 142
Spare parts for special ladders	page 143
Spare parts for platform ladders	page 144
Spare parts for aluminium plank and wallpapering tables	page 146
Spare parts for mobile towers	page 147

Accessories for a safe stand



Add-on step set for rung ladders

- › For retrofitting to rung ladders with flanged rungs.
- › Self assembly by using tools.
- › Contents: 3 steps, 285 mm wide, incl. fastening material.

For type	4011+4023+4046 +4047+4123+6011 +6023+6046+6047
For rung dimensions (mm)	30×30
For ladders with an inner width of at least (mm)	300
Weight (approx. kg)	1.0
Order no.	0055318



Add-on step set for windows cleaner's ladder

- › For retrofitting to window cleaners' ladders with screwed-on rungs.
- › Self assembly by using tools.
- › Contents: 2 steps, 285 mm wide and 1 step, 300 mm wide incl. fastening material.

For type	5017+5018
For rung dimensions (mm)	30×31
For ladders with an inner width of at least (mm)	300
Weight (approx. kg)	0.9
Order no.	0055317



Hang-on step for rung ladders

- › Step width 300 mm, step depth 255 mm.
- › Permissible load 150 kg (1.5 kN).

For rung dimensions (mm)	30×30
For ladders with an inner width of at least (mm)	290
For rung distance (mm)	280
Weight (approx. kg)	0.8
Order no.	005411



Folding universal ladder step

- › Safe standing on the ladder thanks to step surface located over the middle of the rung.
- › The fold-up step ensures safe ascent of the ladder.
- › Step width 260 mm, step depth 250 mm.
- › Permissible load 150 kg (1.5 kN).

For rung dimensions (mm)	30×30
For ladders with an inner width of at least (mm)	290
For rung distance (mm)	280
Weight (approx. kg)	1.1
Order no.	0050378



Set of foot pikes for stiles

- › 70 mm tip length according to legislation.
- › Adjustable on the stile.
- › Self assembly, no tools required.
- › Contents: 2 pikes incl. fastening material.

For stile size (approx. mm)	60–89
Weight (approx. kg)	0.5
Order no.	0051222



Set of foot pikes for cross-beams

- › Sturdy design.
- › Swivelling.
- › Self assembly by boring.
- › Contents: 2 pikes incl. fastening material.

For cross-beam sections (approx. mm)	49×30+60×22+60×30
Weight (approx. kg)	0.5
Order no.	0050538



Set of foot pikes for cross-beams in the SC 60 range with round cross-beam shoes

- › Swivelling.
- › Self assembly, no tools required.
- › Contents: 2 pikes incl. fastening material.

Weight (approx. kg)	0.4
Order no.	0053761




Set of swivelling foot pikes for telescopic ladders 4042+4142+8042+8142

- › Self assembly, no tools required.
- › Contents: 2 pikes incl. fastening material.

For type	4042+4142+8042+8142
Weight (approx. kg)	0.8
Order no.	0051952


Set of folding feet with non-slip rubber coating

- › Self assembly by boring and using tools.
- › Contents: 2 folding feet incl. fastening material.

For stile size (approx. mm)	60–100
Weight (approx. kg)	0.4
Order no.	0052054


Rubber ladder shoes set

- › Self assembly by using tools.
- › Contents: 2 shoes incl. fastening material.

For stile size (approx. mm)	60	73
Weight (approx. kg)	0.2	0.2
Order no.	0052764	0053194


Retrofit kit telescopic stabilisers for leaning, extension and rope-operated extension ladders

- › For retrofitting the ladder types 4011, 6011, 4046, 6046, 6051 and 6261 without cross-beam (up to and including 2017 model year).
- › Self assembly by boring and using tools.
- › Contents: 2 telescopic stabilisers incl. fastening material.

For type	4011+6011+4046 +6046+6051+6261
Weight (approx. kg)	2.0
Order no.	0055181


Retrofit kit foldable stabilisers for telescopic ladders 4042+8042

- › For retrofitting the ladder types 4042+8042.
- › Self assembly by boring and using tools.
- › Contents: 2 foldable stabilisers incl. fastening material.

For type	4042+8042
Weight (approx. kg)	1.3
Order no.	0055189


Foot extension for rung ladders

- › Infinitely adjustable.
- › Self assembly, no tools required.
- › Incl. fastening material.

For stile size (approx. mm)	60	66	71	79/83	89	100
Adjustment range (approx. mm)	600	600	600	600	600	600
Weight (approx. kg)	1.7	1.7	1.8	2.0	2.0	2.2
Order no.	005550	005551	005552	005553	0050149	005554


Foot extension set for freestanding rung ladders 4023+6023 up to size 2x12

- › Numerous possible uses on all stairway types.
- › Robust locking device.
- › Infinitely adjustable.
- › Self assembly, no tools required.
- › Contents: 2 extensions incl. fastening material.

For type	4023+6023	4023+6023
For number of rungs	2x5–2x12	2x5–2x12
For stile size (approx. mm)	60x24	60x24
Length (approx. mm)	740	1,370
Adjustment range (approx. mm)	370	1,000
Weight (approx. kg)	3.0	5.0
Order no.	0053229	0050376




**Foot extension for telescopic ladders
4042+4142+8042+8142**

- › Infinitely adjustable from size 4x4.
- › Restrictions on use for size 4x3 i.e. cannot be pushed up. In this case, the foot extension must be removed.
- › Self assembly, no tools required.
- › Incl. fastening material.

For type	4042+4142 +8042+8142
Adjustment range (approx. mm)	450
Weight (approx. kg)	1.0
Order no.	0050302


Foot extension for cross-beams

- › For all current rung leaning ladders with cross-beams.
- › Can be used with straight and curved cross-beams.
- › Infinitely adjustable.
- › An open-ended spanner is required for the first installation; then can be used without tools.
- › Incl. fastening material.

For stile size (approx. mm)	60 – 89
For cross-beam sections (approx. mm)	50x22+50x30 +60x22
Adjustment range (approx. mm)	450
Weight (approx. kg)	1.2
Order no.	005650


**Foot extension for wooden ladders
71410+71499**

- › Self assembly, no tools required.
- › Incl. fastening material.

For type	71410+71499
Length (approx. mm)	1,500
Adjustment range (approx. mm)	700
Weight (approx. kg)	1.7
Order no.	0079640


Leg extension set for assembly stand 6864

- › Stile extensions for infinite height adjustment of assembly stand from 0.58 m to 0.83 m.
- › Reach height with extensions 2.58 m to 2.83 m.
- › Infinitely adjustable.
- › Self assembly, no tools required.
- › Contents: 2 extensions incl. fastening material.

For type	6864
For stile size (approx. mm)	60
Adjustment range (approx. mm)	250
Weight (approx. kg)	1.5
Order no.	0051856


Cross-beam for ladder section

- › Not for ladders with folding foot.
- › Cross-beam tube dimensions 60.4x22.0 mm.
- › Self assembly by using tools.
- › Incl. fastening material.

For stile size (approx. mm)	50–100
For inner width of ladder (mm)	294+300+362+370 +430+440+500
Length (approx. mm)	800 1,200
Weight (approx. kg)	1.0 1.2
Order no.	0054062 0054063


Universal cross-beam for all current leaning, extension and rope-operated extension ladders without folding foot

- › Level compensation up to approx. 350 mm.
- › Infinitely adjustable.
- › With swivelling steel pikes as standard, 70 mm long.
- › Self assembly, no tools required.
- › Incl. fastening material.

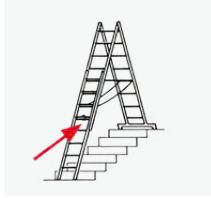
For stile size (approx. mm)	60–100
Cross-beam width (approx. mm)	910
Weight (approx. kg)	3.7
Order no.	0050766





Clamp fitting set for stairway adjustment

- › The upper ladder section is reversed and clamped to the lower end of the middle ladder section. This creates a freestanding ladder by extending ladder leg for use on stairs.
- › Ensure that there is at least two rungs off set between support section and front ladder section.
- › Self assembly, no tools required.
- › Contents: 2 sets of clamp fittings incl. fastening material.



For rung dimensions (mm)	30×30
For ladders with an inner width of at least (mm)	300
Weight (approx. kg)	0.9
Order no.	0054489



Accessories for hooking



Suspension hook set

- › For rung leaning ladders with stile dimensions from 60 mm to 83 mm.
- › For step ladders (6012+8012 are prepared for retrofitting hooks).
- › Galvanised steel.
- › Self assembly by using tools.
- › Contents: 2 hooks incl. fastening material.

Hook size (approx. mm)	30	60	100
Weight (approx. kg)	0.4	0.6	0.7
Order no.	0054013	0054014	0054015



Suspension set

- › For ladders with mounted suspension hooks (suspension hooks not included in this set).
- › For suspension hooks with diameter 30 mm, 35 mm, 60 mm or 100 mm.
- › 93 mm high connection plate.
- › Self assembly by using tools.
- › Contents: 2 suspensions.

Weight (approx. kg)	0.4
Order no.	0054835



Flat hook set

- › For rung leaning ladders with stile dimensions from 60 mm to 83 mm.
- › For step ladders (6012+8012 are prepared for retrofitting hooks).
- › Galvanised steel.
- › Self assembly by using tools.
- › Contents: 2 hooks incl. fastening material.

Clear width (approx. mm)	60	100	150
Weight (approx. kg)	0.4	0.6	0.8
Order no.	0054016	0054017	0054018



Ledge rest set

- › For rung leaning ladders with stile dimensions from 60 mm to 83 mm.
- › For step ladders (6012+8012 are prepared for retrofitting hooks).
- › Galvanised steel.
- › Self assembly by using tools.
- › Contents: 2 ledge rests incl. fastening material.

Length (approx. mm)	100
Order no.	0054019



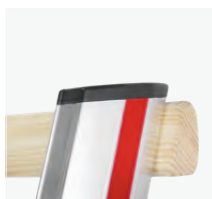
Accessories 'Safe to the wall'



Set of wall rollers

- › Self assembly by boring and using tools.
- › Contents: 2 wall rollers incl. fastening material.

For stile size (approx. mm)	60–100	60–100
Castor diameter (approx. mm)	90	100
Weight (approx. kg)	0.4	0.5
Order no.	0054010	0054011



Support board set

- › For SC60/SC80 step ladders (6012+8012 are prepared for the support board to be retrofitted).
- › To secure leaning step ladders against slipping.
- › Self assembly by using tools.
- › Contents: 1 support board incl. fastening material.

Weight (approx. kg)	0.4
Order no.	0054630



Rubber pad set for rung ladders and step ladders

- › Protects susceptible surfaces.
- › Reduces the risk of slipping.
- › Self assembly by boring and using tools.
- › Contents: 2 pads incl. fastening material.

For stile size (approx. mm)	60–100
Order no.	0054012



Ladder holder set for gutters

- › For gutters complying with DIN 18461.
- › The ideal accessory for absolutely secure fastening of ladders to gutters.
- › Can be used on all current types of ladders and stile profiles.
- › The plastic coating of the clamps protect the gutter against scratches and dents.
- › Self assembly, no tools required.
- › Contents: 2 holders incl. fastening material.

Weight (approx. kg)	0.4
Order no.	0051528



Wall spacer for rung ladders

- › Fixed wall distance of approx. 400 mm.
- › Upper holder width approx. 680 mm.
- › With anti-lift device.
- › Can be fitted without tools by means of a hook.

For rung dimensions (mm)	30×30
For ladders with an inner width of at least (mm)	290
For rung distance (mm)	280
Weight (approx. kg)	1.2
Order no.	005485



Telescopic wall spacer for rung ladders

- › Adjustable wall distance from 420 mm to 670 mm.
- › Upper holder width at least 680 mm, max. 940 mm.
- › With anti-lift device.
- › With tray for tools.
- › Depth of tool tray 240 mm.
- › Permissible load of tool tray 15 kg.
- › Can be fitted without tools by means of a hook.

For rung dimensions (mm)	30×30
For ladders with an inner width of at least (mm)	290
For rung distance (mm)	280
Weight (approx. kg)	2.2
Order no.	0051248



Accessories for moving



1 Set of spring-loaded castors, self-locking for step ladders 8024+8026 and platform ladder 8080

- › On 8024+8026 only in connection with rigid safety bars (must be ordered as an accessory). On 8080, rigid safety bars fitted on product as standard.
- › Castor wheel diameter 75 mm.
- › Self assembly by boring and using tools.
- › Contents: 2 spring-loaded castors incl. fastening material.

Note: With respect to the perception of safety of the user we recommend at greater heights the use of tip castors (see below 'Set of tip and roll wheels for step ladder with platform 8026 and platform ladder 8080', order no. 0052316).



- ### 2
- › Castor wheel diameter 75 mm.
 - › Self assembly by boring and using tools.
 - › Contents: 2 spring-loaded castors incl. fastening material.

For type	8024+8026+8080	8024+8026+8080
Contents	2 castors unbraked	1 castor braked + 1 castor unbraked
Spring-loaded castor type	fixed to ladder section 1	swivelling on ladder section 2
Weight (approx. kg)	1.1	1.3
Order no.	0054646	0054647



For type	8026+8080	8026+8080
Contents	2 castors unbraked	2 castors unbraked
Spring-loaded castor type	fixed to support section	swivelling on support section
Weight (approx. kg)	1.1	1.1
Order no.	0054648	0054649



Rigid safety bar set, detachable for step ladders 8024+8026

- › Self assembly by boring and using tools.
- › Contents: 2 safety bars incl. fastening material.

For type and number of steps	8024/ 2x2	8024/ 2x3
Length (approx. mm)	174	259
Weight (approx. kg)	0.3	0.4
Order no.	0054020	0054021



For type and number of steps	8024/ 2x4+2x5	8024/ 2x6+2x7	8024/ 2x8+2x9+2x10	8024/ 2x12
	8026/ 4+5	8026/ 6+7	8026/ 8+10	8026/ 12+14
Length (approx. mm)	550	709	1,009	1,329
Weight (approx. kg)	0.6	0.8	1.1	1.5
Order no.	0054022	0054023	0054024	0054025



Set of tip and roll wheels for step ladder with platform 8026 and platform ladder 8080

- › On 8026 only in connection with rigid safety bars (must be ordered as an accessory). On 8080, rigid safety bars fitted as standard to product.
- › Self assembly by using tools.
- › Content: 2 wheels incl. fastening material.

For type	8026+8080
Weight (approx. kg)	0.6
Order no.	0052316



Fixed castor set for step stand 6884 (for self assembly or assembled at HYMER) and aluminium step 6875 (only for self assembly)

- › Self assembly by using tools.
- › Contents: 2 castors incl. fastening material.

For type	6884+6875	6884
Montage	for self assembly	assembled at HYMER
Weight (approx. kg)	0.9	0.9
Order no.	0054448	0053471




**Set of spring-loaded castors
for safety steps 6060+6061**

- › Practical castor set consisting of rubber-clad castors mounted in ball bearings.
- › The compression spring ensures a stable stand when climbing the steps.
- › Important: Safety steps can only be fitted with a castor set from size 3 or more.
- › Self assembly by using tools.
- › Contents: 4 spring-loaded castors incl. fastening material.

For type	6060+6061
For number of steps	3–5
Weight (approx. kg)	2.3
Order no.	008951


**Fixed castor set for telescopic ladders
4042+4142+8042+8142**

- › Rubber-covered castors for comfortable moving of telescopic ladders.
- › Self assembly by using tools.
- › Contents: 2 castors incl. fastening material.

For type	4042+4142+8042+8142
Weight (approx. kg)	0.4
Order no.	008953



Accessories for better hold



Handrail

- › For retrofitting assembly to ladders with rectangular stiles.
- › Distance between stile and handrail approx. 150 mm.
- › Special aluminium tube, Ø 30 mm, with T-slot for variable mounting of the holders.
- › Self assembly by boring and using tools.
- › Incl. 2 holders and fastening material.

For stile size (approx. mm)	60–100	60–100
Length (approx. mm)	1,250	2,500
Weight (approx. kg)	1.1	1.9
Order no.	0051400	0051401



For stile size (approx. mm)	60–100	60–100
Length (approx. mm)	3,750	5,000
Weight (approx. kg)	2.7	3.6
Order no.	0051402	0051403



Handrail for stockers' ladders 6888+6889

- › Stockers' ladders 6888+6889 are ready for the handrail to be retrofitted.
- › Handrail diameter 30 mm.
- › Self assembly by using tools.
- › Incl. fastening material.

For type	6888+6889	6888+6889	6888+6889
For number of steps	4+5	6+7	8
Weight (approx. kg)	0.6	0.7	1.0
Order no.	0051777	0051778	0051780



Back protection door, self-closing for stockers' ladders 6888+6889

- › Mobile stockers' ladders 6888+6889 are prepared to retrofit back protection doors.
- › Self assembly by using tools.
- › Incl. fastening material.

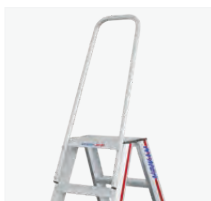
For type	6888+6889
Access width (approx. mm)	600
Height (approx. mm)	420
Weight (approx. kg)	1.3
Order no.	0054880



Guardrail lateral for aluminium step 6875

- › Can be mounted on right, left or both sides.
- › Self assembly by using tools.
- › Incl. fastening material.

For type	6875
Weight (approx. kg)	1.2
Order no.	0054896



Retaining bracket for step ladder 6024

- › Self assembly by using tools.
- › Incl. fastening material.

For type	6024
Weight (approx. kg)	0.8
Order no.	0051483



Accessories for safety and comfort



Tool bag for aluminium and wooden ladders

- › Made from high-quality cotton.
- › Bag closed at the sides.
- › Self assembly by using hook-and-loop fastener.
- › Permissible load 5 kg.

Order no.	0054030
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Bucket hook for rung ladders

- › Permissible load 25 kg (0.25 kN).

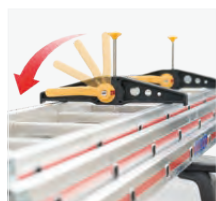
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Anti-static strap

- › For avoiding electrostatic charging of ladders in potentially explosive atmospheres.
- › Self assembly by using tools.
- › Incl. fastening material.

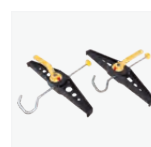
Order no.	0052526
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Ladder bracket set for roof racks

- › Quick and safe fastening and securing of ladders on carriers and heavy-load cages.
- › Equipped with locks, so that the ladders are protected against theft.
- › Contents: 2 ladder brackets and one pair of keys.

Weight (approx. kg)	2.6
Order no.	0055008



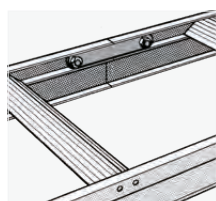
Accessories for roof ladders



Chimney tread

- › For roof tiles and large-surface tiles, with hooks.
- › Adjustable about 4° each, for roof inclinations from 15° to 60°.
- › Permissible load 150 kg (1.5 kN).
- › Contents: 2 universal stand supports and 1 tread 800 mm long incl. fastening material.

Colour	hot-dip galva-nised	brick red	anthracite	sepia brown
Width tread (mm)	250	250	250	250
Weight (approx. kg)	8.0	8.0	8.0	8.0
Order no.	008927	008928	008930	008929



Connection plates for a flange connection between the ladder sections

- › Self assembly by using tools.
- › Contents: 2 plates incl. screws.

Weight (approx. kg)	0.5
Order no.	005907



Safety roof hook type A for slate

- › The roof hooks may only be fastened to rafters or equivalent loading roof elements.
- › Self assembly by using tools.
- › Incl. fastening nails.

Colour	galvanised
Weight (approx. kg)	1.0
Order no.	0054651



Safety roof hook type A for tiles and pantiles and other roofings

- › The roof hooks may only be fastened to rafters or equivalent loading roof elements.
- › Self assembly by using tools.
- › Incl. fastening nails.

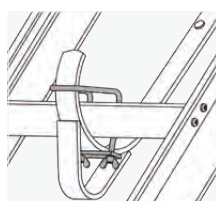
Colour	galvanised	brick red	sepia brown	anthracite
Weight (approx. kg)	1.2	1.2	1.2	1.2
Order no.	0054652	0054653	0054654	0054655



Safety roof hook type A for plain tiles

- › The roof hooks may only be fastened to rafters or equivalent loading roof elements.
- › Self assembly by using tools.
- › Incl. fastening nails.

Colour	galvanised	brick red
Weight (approx. kg)	1.2	1.2
Order no.	0054656	0054657



Anti-lift device

- › Self assembly by using tools.
- › Incl. fastening material.

Order no.	008940
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Ladder ridge hook

- › Compatible for all prevalent leaning and roof ladder types (adjustable to different rung distances).
- › For secure hooking-in of roof ladders.
- › Rubberised bearing surface.
- › Self assembly, no tools required.

Wheel diameter (mm)	125
Weight (approx. kg)	5.2
Order no.	0055002



Spare parts – Feet, shoes and covers



Ladder foot set

- › Self assembly by using tools.
- › Contents: 2 feet incl. fastening material.

For stile size (approx. mm)	60	66	71	
Order no.	0053474	0053475	0053477	
For stile size (approx. mm)	79	83	89	100
Order no.	0053478	0053479	0053480	0053481



Ladder foot set for support section 6026+6626+8026+8080+8081

- › Self assembly by using tools.
- › Contents: 2 feet.

For type	6026+6626+8026+8080+8081
For stile size (approx. mm)	45
Order no.	0053473



Ladder foot set, angled for 6023+8012+8024+8026+8080

- › Self assembly by using tools.
- › Contents: 2 feet incl. fastening material.

For type	6023+8012+8024+8026+8080				
For stile size (approx. mm)	60	66	71	83	89
Order no.	0054623	0054625	0054626	0054627	0054628



Ladder foot set for folding step 6030

- › Self assembly by using tools.
- › Contents: 2 feet for ladder section and 2 feet for support section incl. fastening material.

For type	6030
Order no.	0052866



Ladder foot set for safety steps 6060+6061

- › Self assembly, no tools required.
- › Contents: 2 feet for support section and 2 feet for ladder section.

For type	6060	6060+6061
For number of steps	2	3–5
Order no.	0054975	0054635



Ladder foot set for combination ladders 4345+4347

- › Self assembly by using tools.
- › Contents: 2 feet incl. fastening material.

For type	4345+4347	4345+4347
For stile size (approx. mm)	63	81
Order no.	0055135	0055136



Ladder shoes set for step ladders 4024+4026

- › Self assembly by using tools.
- › Contents: 2 shoes.

For type	4024+4026	4026
Use	on the ladder section	on the support section
Order no.	0053220	0053221




Ladder shoes set for telescopic ladders 4042+4142+ 8042+8142 and previous model 3042

- › Self assembly by using tools.
- › Contents: 1 left shoe and 1 right shoe incl. fastening material.

For type	3042+4042+4142+8042+8142			
For stile size (approx. mm)	70			
Order no.	0053486			


Ladder shoes set for combination ladders 4345+4347

- › Self assembly by using tools.
- › Contents: 2 shoes incl. fastening material.

For type	4345+4347				
For stile size (approx. mm)	57	63	70	77	81
Order no.	0055182	0055133	0055183	0055184	0055134


Ladder shoes set for step ladders 6012+6024+6026

- › Self assembly by using tools.
- › Contents: 1 left shoe and 1 right shoe incl. fastening material.

For type	6012+6024+6026			
For stile size (approx. mm)	81			
Order no.	0053487			


Rubber ladder shoes set

- › Self assembly by using tools.
- › Contents: 2 shoes incl. fastening material.

For stile size (approx. mm)	60	73
Weight (approx. kg)	0.2	0.2
Order no.	0052764	0053194


Cross-beam shoes set for 2043+2045+2047+4043+4045+4047+5017+6147

- › Self assembly by using tools.
- › Contents: 2 shoes incl. fastening material.

For type	4043+4045	2043+2045
	+4047+5017	+2047+6147
For cross-beam dimension (approx. mm)	60×22	49×30
Order no.	0053483	0053484


Cross-beam shoes set for 3041+3043+3045+3047

- › Self assembly, no tools required.
- › Contents: 2 shoes.

For type	3041+3043+3045+3047	
For cross-beam dimension (approx. mm)	60×30	
Order no.	0053485	


Round cross-beam shoes set for universal cross-beam 0050766 and for cross-beams for combination ladders 6045+6047 and orchard ladder 6053

- › Self assembly by using tools.
- › Contents: 2 shoes incl. fastening material.

For type	6045+6047	0050766+6053
For cross-beam dimension (approx. mm)	60×22	49×30
Order no.	0053482	0054634



**Spare parts set covers**

- › Self assembly by using tools.
- › Contents: 2 covers.

For stile size (approx. mm)	60	66	71
Order no.	0053205	0053206	0053207
For stile size (approx. mm)	79	83	89
Order no.	0053208	0053209	0053210

**Spare parts set stile covers for leaning step ladder 6012**

- › Self assembly by using tools.
- › Contents: 2 covers incl. fastening material.

For type	6012
Order no.	0054832

**Spare parts set hinge covers for step ladders with platform 6026+8026**

- › Self assembly, no tools required.
- › Contents: 2 covers.

For type	6026	8026
Order no.	0054963	0054964

**Spare parts set rung covers for telescopic ladders 4042+4142+6042+8042+8044+8142**

- › Self assembly, no tools required.
- › Contents: 2 covers for rungs with locking device and 10 covers for rungs without locking device.

For type	4042+4142+6042 +8042+8044+8142
Order no.	0054047

**Spare parts set glider for combination ladder 4347**

- › Self assembly, no tools required.
- › Content: 2 gliders.

For type	4347
Order no.	0055132

**Spare parts set cover caps for folding step 6030**

- › Self assembly, no tools required.
- › Contents: 2 cover caps.

For type	6030
Order no.	0052867





**Spare parts set covers
for support section
for folding steps 6017+6020**

- › Self assembly by using tools.
- › Contents: 4 covers.

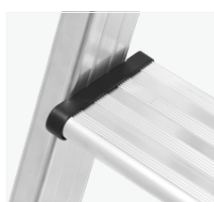
For type	6017+6020
Order no.	0054826



**Spare parts set covers for stile
for folding steps 6017+6020**

- › Self assembly by using tools.
- › Contents: 4 covers.

For type	6017+6020
Order no.	0054827



**Spare parts set covers for steps
for folding steps 6017+6020**

- › Self assembly, no tools required.
- › Contents: 1 left cover
and 1 right cover.

For type	6017+6020
Order no.	0054828



Spare parts – Cross-beams and foot extensions



Spare parts set cross-beam

- › Profile dimensions 60×22 mm.
- › With a filler piece, this cross-beam can be used on previous models with profile dimensions 60×30 mm or 49×30 mm.
- › Self assembly by using tools.
- › Contents: 1 cross-beam incl. fastening material.



For type and number of rungs	4011/ 12	4011/ 14+16	4011/ 18	–	–	–	–	–	–
	4043/ 4x3	4043/ 4x4	4043/ 4x5	4045/ 2x8	4045/ 2x10+2x12	4047/ 3x7–3x9	4047/ 3x10–3x12	4047/ 3x14	–
	–	–	–	–	4046/ 2x10+2x12	–	–	–	4046/ 2x14–2x16
	–	–	–	–	–	–	–	4061/ 3x12–3x16	4051/ 2x14–2x20
	2043/ 4x3	2043/ 4x4	–	2045/ 2x8	2045/ 2x10+2x12	2047/ 3x8	–	2047/ 3x10–3x14	2045/ 2x14
	3041/ 2x5+2x6	3041/ 2x7+2x8	–	3045/ 2x6–2x8	3045/ 2x10+2x12	3047/ 3x6–3x8	–	3047/ 3x9–3x14	3045/ 2x14+2x16
For stile size (approx. mm)	60	60	60	60	66/71	60/66/71	71	83/89	83/89
Cross-beam length (approx. mm)	697	810	992	750	948	1,005	1,200	1,200	1,200
Weight (approx. kg)	0.9	1.1	1.3	1.0	1.2	1.4	1.5	1.5	1.5
Order no.	0053476	0053498	0053499	0053501	0053502	0053651	0055190	0054064	0053704



Spare parts set curved cross-beam

- › Self assembly by using tools.
- › Contents: 1 cross-beam incl. fastening material.

For type and number of rungs	6011/12–18	6011/20–22	–	–	–	–	–	–
	6045/2x6–2x12	–	–	6045/2x14	–	–	–	–
	6046/2x8–2x12	–	6047/3x6–3x8	6046/2x14	6046/2x16–2x18	6047/3x9+3x10	6047/3x12+3x14	–
	For stile size (approx. mm)	60/66/71	71	60/66/71	83	89	83	89
Cross-beam length (approx. mm)	1,040	1,141	1,031	1,160	1,285	1,160	1,285	–
Weight (approx. kg)	1.4	1.5	1.3	1.6	2.0	1.6	2.0	–
Order no.	0052961	0055109	0052958	0053778	0055114	0053542	0053785	–



Foot extension set for stairway ladder 4123

- › Numerous possible uses on all stairway types.
- › Robust locking device.
- › Infinitely adjustable.
- › Self assembly, no tools required.
- › Contents: 2 extensions incl. fastening material.

For type	4123	4123
For stile size (approx. mm)	60×24	60×24
Length (approx. mm)	740	1,370
Adjustment range (approx. mm)	370	1,000
Weight (approx. kg)	3.0	5.0
Order no.	0053229	0050376



Spare parts set star grip for foot extensions for stairway ladders 4123+6123

- › Self assembly by using tools.
- › Contents: 1 star grip nut and 1 thrust piece incl. fastening material.

For type	4123+6123
Order no.	0054103



Spare parts set fastening material for foot extension 0050302

- › Self assembly by using tools.
- › Contents: 4 clamping plates, 1 connecting rod and 2 conical grips incl. screws.

Use	0050302
Weight (approx. kg)	0.3
Order no.	0054825

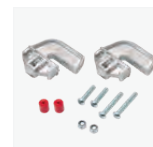


Spare parts – Hinges and fittings



Spare parts set hinges for combination ladders

- › Self assembly by using tools.
- › Contents: 2 hinges incl. fastening material.



For type and number of rungs	3045/ 2×6+2×7+2×8	3045/ 2×10	3045/ 2×12	3045/ 2×14	3045/ 2×16
	3047/ 3×6	3047/ 3×7	3047/ 3×8	3047/ 3×9 ¹⁾ +3×10	3047/ 3×12+3×14
	–	–	–	4047/ 3×9+3×10+3×11	4047/ 3×12+3×14
	6045/ 2×6+2×8	6045/ 2×10	6045/ 2×12	6045/ 2×14	–
	6047/ 3×6	6047/ 3×7	6047/ 3×8	6047/ 3×9+3×10	6047/ 3×12+3×14
For stile size (approx. mm)	60×24	66×24	70×24	83×24	89×24
Weight (approx. kg)	0.3	0.3	0.3	0.4	0.4
Order no.	0054965	0054966	0054967	0054969	0054970

¹⁾ from Dec. 2007



Spare parts set hinge plates for combination ladders

- › Self assembly by using tools.
- › Contents: 1 right hinge plate and 1 left hinge plate incl. fastening material.

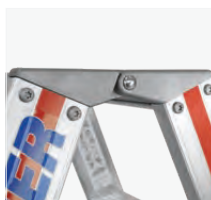
For type and number of rungs	4045/ 2×8	4045/ 2×10	4045/ 2×12
	–	4047/ 3×7	4047/ 3×8
For stile size (approx. mm)	60×24	66×24	70×24
Weight (approx. kg)	0.5	0.5	0.5
Order no.	0054971	0054972	0054973



Spare parts set hinges for step ladder 4024

- › Self assembly by using tools.
- › Contents: 2 hinges incl. fastening material.

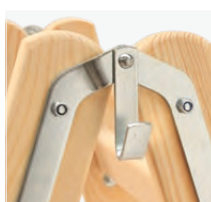
For type	4024
Weight (approx. kg)	0.5
Order no.	0052872



Spare parts set hinges for step ladder 8024

- › Self assembly by using tools.
- › Contents: 2 hinges incl. fastening material.

For type	8024
Weight (approx. kg)	0.7
Order no.	0053864



Spare parts set hinges for wooden ladders 71410+71490+71499

- › Self assembly by using tools.
- › Contents: 2 hinges incl. fastening material.

For type	71410+71490+71499
Weight (approx. kg)	0.5
Order no.	008968





**Spare parts set position adaptor
for wooden ladders
71410+71490+71499**

- › Self assembly by using tools.
- › Contents: 2 position adaptors
incl. fastening material.

For type	71410+71490+71499	
Weight (approx. kg)	0.1	
Order no.	008969	



**Spare parts set hinges
for rung ladders 4023+6023**

- › Self assembly by using tools.
- › Contents: 2 hinges incl. fastening
material.

For type	4023+6023	4023+6023
For stile size (approx. mm)	60	71
Weight (approx. kg)	0.5	0.5
Order no.	0054045	0054046



**Platform support repair set
for step ladders with platform
4026+6026**

- › Self assembly by using tools.
- › Contents: 2 safety platform lifter
incl. fastening material.

For type	4026+6026	
Weight (approx. kg)	0.5	
Order no.	0053991	



Steel fitting at top for combination and extension ladders without rope-pull

- › If required, please specify: ladder type, number of rungs,
inner width of the ladder, dimensions of stile cross-section, year of manufacturing.
- › Contents: 1 steel fitting incl. fastening material.



Steel fitting at top for combination ladders with rope-pull

- › If required, please specify: ladder type, number of rungs,
inner width of the ladder, dimensions of stile cross-section, year of manufacturing.
- › Contents: 1 steel fitting incl. fastening material.



Steel fitting at top for rope-operated extension ladders, 2-section and 3-section

- › If required, please specify: ladder type, number of rungs,
inner width of the ladder, dimensions of stile cross-section, year of manufacturing.
- › Contents: 1 steel fitting incl. fastening material.





Spare parts set S-hooks for extension and combination ladders

- › Self assembly by using tools.
- › Contents: 1 S-hook with lock and 1 S-hook without lock incl. fastening material.

For rung dimensions (mm)	30×30
Order no.	0054049



Spare parts set self- locking hook for rope- operated extension ladders

- › Self assembly by using tools.
- › Contents: 1 self-locking hook incl. fastening material.



For type	2051+4051	4061	4061	3051+6051+8051	3261+6261+8061	3261+6261+8061
Use	–	lower section	middle section	–	lower section	middle section
Weight (approx. kg)	0.3	0.3	0.3	0.3	0.3	0.3
Order no.	0054096	0054097	0054096	0054098	0054099	0054098



Rigid safety bar for combination ladders

- › Self assembly by using tools.
- › Incl. fastening material.



For type and number of rungs	–	2047/ 3×8+3×10	–	2047/ 3×12+3×14
	–	3047/ 3×7–3×10	–	3047/ 3×12+3×14
	4047/ 3×7+3×8	4047/ 3×9+3×10	4047/ 3×11	4047/ 3×12+3×14
	–	6047/ 3×7–3×10	–	6047/ 3×12+3×14
Length (approx. mm)	528 (angled)	528	913	1,307
Order no.	0054084	0054085	0054086	0054089

Spare parts – Ropes, rope pulley sets and safety struts



Spare parts set safety struts

- › If necessary, please indicate the following: ladder type, number of rungs, dimensions of stile cross-section, year of manufacturing.
- › Contents: 2 restraining straps incl. fastening material.



Replacement rope for rope-operated extension ladders

- › If necessary, please indicate the following: ladder type, number of rungs, inner width of the ladder, dimensions of stile cross-section, year of manufacturing.



Spare parts set rope holder for rope-operated extension ladders 4051+4061+6051+6261

- › Self assembly by using tools.
- › Contents: 1 rope holder incl. fastening material.

For type	4051+4061 +6051+6261
For rung dimensions (mm)	30×30
Order no.	0053215



Spare parts set rope pulley support for rope-operated extension ladders 4051+4061+6051+6147+6261+8051+8061

- › Rope pulley, 70 mm diameter.
- › Self assembly by using tools.
- › Contents: 1 rope pulley incl. fastening material.

For type	4051+4061 +6051+6147+6261 +8051+8061
For rung dimensions (mm)	30×30
Order no.	0054048



Spare parts – Tool trays, tool bag and platform



Spare parts set tool tray for step ladder with platform 4026

- › Self assembly, no tools required.
- › Contents: 1 upper section, 1 lower section and 2 cover discs.

For type	4026
Weight (approx. kg)	0.3
Order no.	0054834



Spare parts set tool tray for step ladder with platform 8026

- › Self assembly by using tools.
- › Contents: 1 tray profile, 1 cast part right and 1 cast part left incl. fastening material.

For type	8026
Weight (approx. kg)	0.6
Order no.	0054838



Spare parts set tool tray for safety step 6061

- › Self assembly by using tools.
- › Contents: 1 tool tray incl. fastening material.

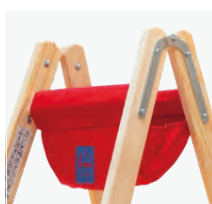
For type	6061
Weight (approx. kg)	0.3
Order no.	0054829



Tool tray for platform ladders 8483+8484

- › Self assembly, no tools required, with simple clicking-in.

For type	8483+8484
Weight (approx. kg)	0.4
Order no.	0054709



Tool bag for wooden rung ladders 71490+71499

- › Made from high-quality cotton.
- › Bag closed at the sides.
- › Self assembly by using hook-and-loop fastener.

For type	71490+71499
Order no.	0054030



Platform for multipurpose ladder 4143

- › For size 4×3 for use as working platform.
- › Robust, non-slip platform made from plywood panels.
- › Occupies little space in transport.
- › Self assembly, no tools required, simply clicks in place.
- › Incl. fastening material.

For type	4143
For number of rungs	4×3
Dimensions (approx. m)	1.40×0.29
Weight (approx. kg)	2.9
Order no.	0079639



Spare parts for 'ZoomMaster®' telescopic leaning ladder 8013



Cross-beam shoes set for 'ZoomMaster®' telescopic leaning ladder 8013

- › Self assembly by using tools.
- › Contents: 2 shoes incl. fastening material.

For type	8013
Weight (approx. kg)	0.3
Order no.	008961



Spare parts set cross-beam for 'ZoomMaster®' telescopic leaning ladder 8013

- › Self assembly by using tools.
- › Contents: 1 cross-beam.

For type	8013
Cross-beam length (approx. mm)	905
Weight (approx. kg)	0.8
Order no.	008963



Spare parts set rubber rests for 'ZoomMaster®' telescopic leaning ladder 8013

- › Self assembly by using tools.
- › Contents: 2 rubber rests.

For type	8013
Weight (approx. kg)	0.1
Order no.	008964



Spare parts set wall spacer with bag for 'ZoomMaster®' telescopic leaning ladder 8013

- › Self assembly by using tools.
- › Contents: 1 wall spacer with bag.

For type	8013
Weight (approx. kg)	1.1
Order no.	008967



Spare parts for special ladders



Spare parts set foot pikes for orchard ladders 3049+3050

- › Self assembly by using tools.
- › Contents: 2 pikes incl. fastening material.

For type	3049+3050
Order no.	0054745



Spare parts set bracket for orchard ladders 3049+3050

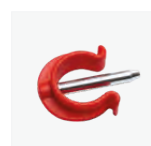
- › Self assembly by using tools.
- › Contents: 1 bracket incl. fastening material.

For type	3049+3050
Weight (approx. kg)	0.8
Order no.	0053196



Safety plug for orchard ladders 3049+3050

For type	3049+3050
Order no.	007720



Spare parts set locking levers for window cleaner's ladder lower and middle sections

- › Self assembly by using tools.
- › Contents: 2 locking levers incl. fastening material.

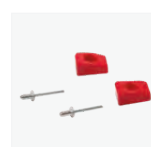
For type	5017+5018
Use	lower and middle section
Order no.	0054638



Spare parts set support blocks for window cleaner's ladder lower and middle sections

- › Self assembly by using tools.
- › Contents: 2 support blocks incl. fastening material.

For type	5017+5018
Use	lower and middle section
Order no.	0054637



Spare parts set rubber rest for window cleaner's ladder upper section

- › Self assembly by using tools.
- › Contents: 1 rubber rest incl. fastening material.

For type	5017+5018
Use	upper section
Order no.	0054636



Rubber coating for safety steps 6060+6061

- › Self assembly, no tools required.

For type	6060+6061
Weight (approx. kg)	0.3
Order no.	0054830



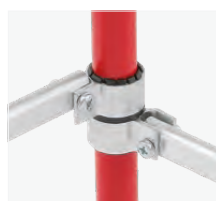
Spare parts for platform ladders



Safety bar repair set for platform ladders 8083+8084

- › Self assembly by using tools.
- › Contents: 2 safety bars incl. fastening material.

For type and number of rungs	8083/ 3–5 + 8084/ 7+10	8084/ 4
Weight (approx. kg)	1.5	1.2
Order no.	0054007	0054762



Bush repair set for platform ladders 8483+8484 and previous models 8083+8084

- › Self assembly by using tools.
- › Contents: 4 clamps and 4 bush halves incl. fastening material.

For type	8083+8084+8483+8484
Weight (approx. kg)	0.3
Order no.	0053988



Spare parts set barrier self-closing for platform ladder 8086 or retrofit kit for previous model without barrier self-closing

- › Contents: 2 tubes, 2 clips and 4 ribbed plugs incl. fastening material.

For type	8086
Weight (approx. kg)	0.5
Order no.	0054604



Spare parts set tip and roll wheels for platform ladder 8081

- › Self assembly by using tools.
- › Contents: 2 wheels incl. fastening material.

For type	8081
Weight (approx. kg)	0.6
Order no.	0052316



Spare parts set castors for platform ladders 8483+8484

- › Self assembly by using tools.
- › Contents: 2 castors incl. fastening material.

For type	8483+8484
Weight (approx. kg)	1.1
Order no.	0054665



Spare parts set ball caps for stabilisers for platform ladders 8483+8484 and previous models 8083+8084

- › Self assembly, no tools required.
- › Contents: 2 caps.

For type	8083+8084 +8483+8484	8083+8084 +8483+8484
For version	to 03/2015	from 04/2015
Cap diameter (approx. mm)	30	28
Order no.	0054760	0054954




**Tool tray for platform ladders
8483+8484**

- › Self assembly, no tools required, with simple clicking-in.

For type	8483+8484
Weight (approx. kg)	0.4
Order no.	0054709


**Spare parts set handrail for platform
ladders 8483+8484**

- › Self assembly by using tools.
- › Contents: 2 handrails incl. fastening material.

For type	8483+8484
Weight (approx. kg)	1.0
Order no.	0055236


**Spare parts set safety door for
platform ladders 8483+8484**

- › Self assembly by using tools.
- › Contents: 2 door leaves incl. fastening material.

For type	8483+8484
Weight (approx. kg)	2.0
Order no.	0055239



Spare parts for 'TELESTEG' aluminium plank and wallpapering tables



Spring for hook locking for 'TELESTEG' aluminium plank 6859

- › Self assembly by using tools.

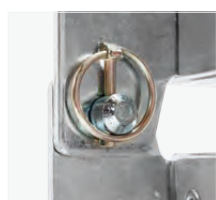
For type	6859
Order no.	003412



Spring for safety device for telescopic rail for 'TELESTEG' aluminium plank 6859

- › Self assembly by using tools.

For type	6859
Order no.	003433



Spare parts set cotter pins for 'TELESTEG' aluminium plank 6859

- › Self assembly, no tools required.
- › Contents: 2 cotter pins.

For type	6859
Order no.	0053500



Spare parts set handle and rubber closure for wallpapering tables

- › Self assembly by using tools.
- › Contents: 1 handle and 1 rubber closure incl. fastening material.

For type	685100+685000
	+685101+685001
	+686100+68600
Order no.	0054100



Spare parts set hinged supports for wallpapering tables

- › Self assembly by using tools.
- › Contents: 2 hinged supports top, 2 hinged supports bottom and 2 sliding sleeves incl. fastening material.

For type	685000	685001
	+685100	+685101
Order no.	0054101	0054581



Spare parts for mobile towers



Spare parts set plug and socket for castor with spindle

- › Self assembly, no tools required.
- › Contents: 1 plug and 1 socket.

Use	007503+637150
Order no.	0054104



Spare parts set feet for stabilisers 635136+637136+707035+707036

- › Self assembly by using tools.
- › Contents: 4 feet incl. fastening material.

Use	635136+637136 +707035+707036
Weight (approx. kg)	0.4
Order no.	0054613



Spare parts set coupling for tower diagonal braces and handrails

- › Self assembly by using tools.
- › Contents: 1 coupling incl. fastening material.

Weight (approx. kg)	0.6
Order no.	0054102



Repair set for safety guardrails 709029+709529

- › For ADVANCED SAFE-T mobile towers.
- › Self assembly by using tools.
- › Contents: 2 hooks incl. fastening material.

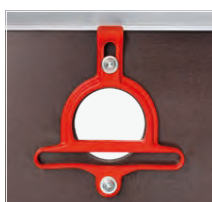
Use	709029+709529
Weight (approx. kg)	0.3
Order no.	0054404



Spare parts set hinges for trapdoors of mobile towers SC 60+SC 80

- › Self assembly by using tools.
- › Contents: 2 hinges incl. fastening material.

Use	607124+617824 +627324+627624+677124
Weight (approx. kg)	0.5
Order no.	0054642



Spare parts set closure for trapdoors of mobile towers SC 60+SC 80

- › Self assembly by using tools.
- › Contents: 1 closure incl. fastening material.

Use	607124+617824 +627324+627624+677124
Order no.	0054643



Spare parts set suspension hooks for platforms of mobile towers SC 60+SC 80

- › Self assembly by using tools.
- › Contents: 1 left suspension hook and 1 right suspension hook incl. fastening material.

Use	607124+607324+617724 +617824+627314+627324 +627624+677124+677324
Weight (approx. kg)	0.5
Order no.	0054848



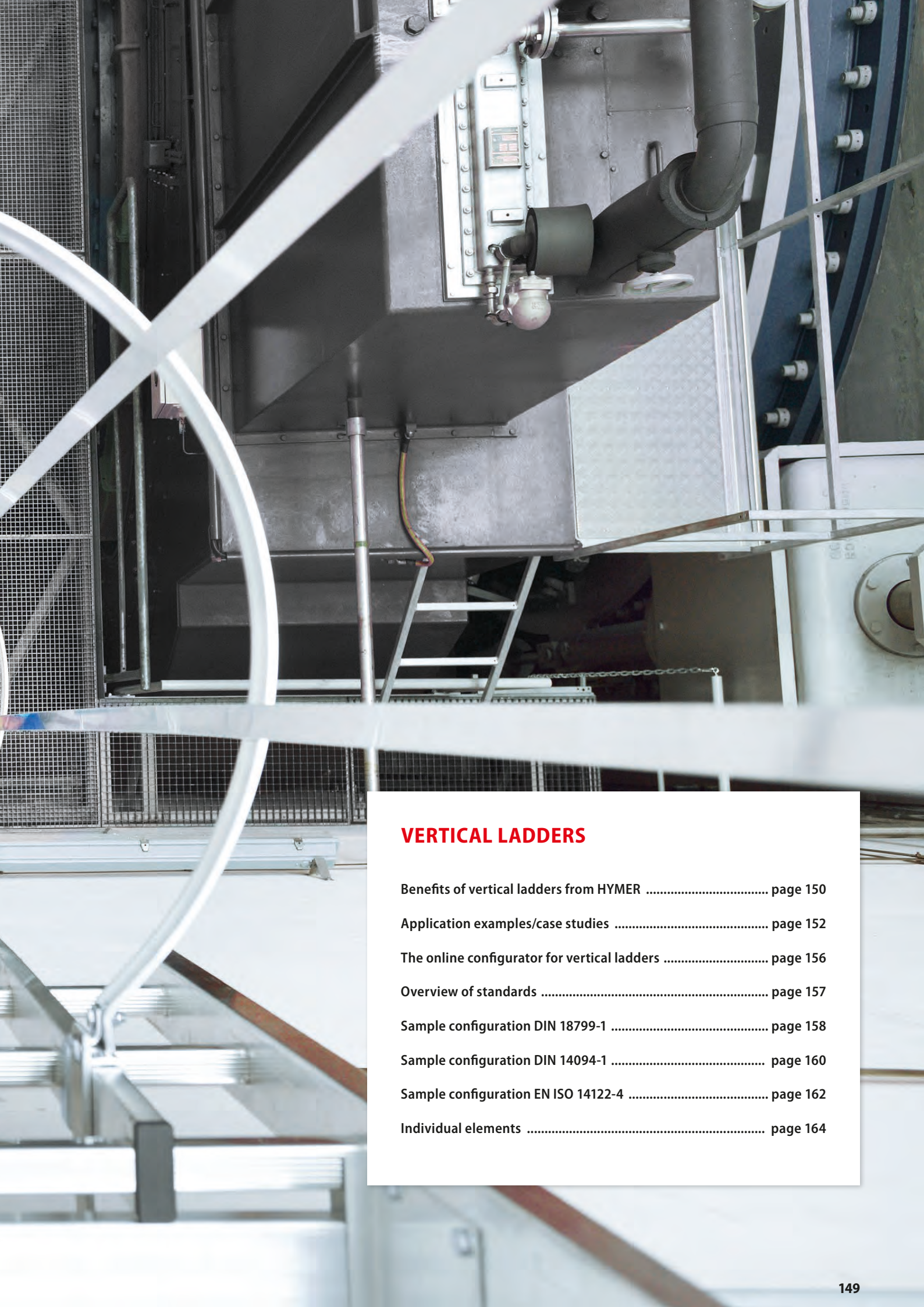
Spare parts set rubber strap fastener for platforms of mobile towers SC 40

- › Self assembly by using tools.
- › Contents: 1 rubber strap fastener incl. fastening material.

Use	709524+7089424
Order no.	0054897







VERTICAL LADDERS

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Benefits of vertical ladders from HYMER



Save time, money and hassle

Not only is the assembly of the HYMER vertical ladder system extremely easy, but it can also be carried out 30 % faster than comparable systems:

- › Hymer-Leichtmetallbau tailors the ladder parts and the safety cage braces to project-specific dimensions at no extra-cost.
- › All screws and nuts are already pre-installed on the components.
- › We supply detailed installation instructions with every project.
- › The safety cage braces are G-Profiles into which the hammer head bolts are easily inserted after installing the vertical ladders. Subsequently, this makes it possible to easily shift the braces even after installation.



Detailed project engineering in no time

The HYMER online configurator www.hymer-konfigurator.de helps ensure the reliability in your planning:

- › Fast and easy configuration of your vertical ladder system that is inspected for compliance with standard automatically.
- › A dimensioned 3D diagram, parts lists and the integrated installation instructions complete your custom product package.



Quick delivery times

Warehousing all components and optimised order processing ensures that your vertical ladder system leaves our plant in just a few days.



On the safe side

The HYMER vertical ladder systems comply with all relevant standards and provide inspected and certified quality assurance:

- › DIN 18799-1
- › DIN 14094-1
- › EN ISO 14122-4
- › NF E85-016 (French standard)



Complete perspective

Our product range for fixed ladders features a clear overview and clearly arranged layout.



The right solution for you too

For special structural requirements, we provide a comprehensive product range of accessories or custom adjustments (locking access points, platforms, etc.).

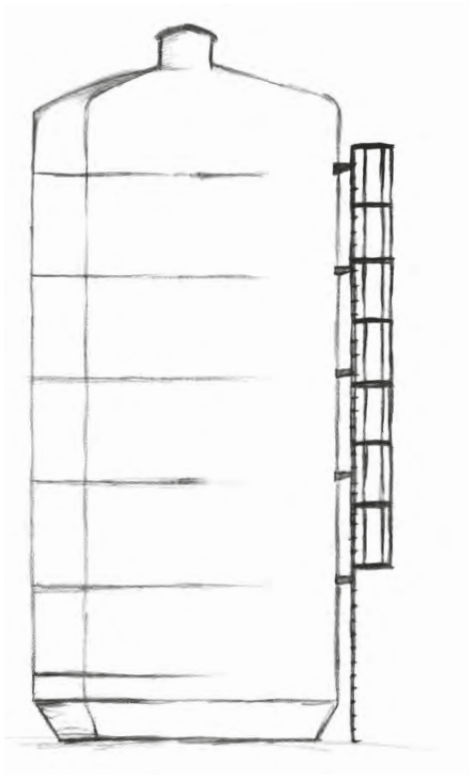


Made in Germany

All components are 100 % made in Germany – quality you can rely on.



Application example: Fixed ladders for a large brewery



Task definition

Equipping a large French brewery's silo tank system with various access points to the silo roofs for maintenance purposes as well as providing safe, straightforward connections between the individual silo towers.

Solution

For the specific customer requirements, we provided a specially co-ordinated system of **fixed ladders** and **walkways**, that enable access onto the silo roofs from different sides as well as easy and safe crossing between all fermenting silos. Walking platforms around the manholes of the silos guarantee exceptional convenience and safety during maintenance. The structural conditions and load capacity of the roofs has been taken into full account in co-ordination with the commissioned silo and tank system manufacturers. The fixed ladders meet the European EN ISO 14122-4 standard and the French NF E85-016 standard.

Technical data

Vertical ladders	
Installed ladder parts (total):	29.2 m length
Installed safety cage (total):	27.8 m length
Longest installed vertical ladder:	13.3 m length
Walkway system	
Installed walkway surface (total):	19.0 m length
Installed walkway surface as a working platform around manholes (total):	48.0 m length
Width of the walking surface:	800 mm
Type:	Non-slip aluminium covering



Application example: Fixed ladders in a hydroelectric power plant



Task definition

Replacing the old ascending system of a hydroelectric power plant for access to the mechanical systems and, for maintenance purposes, on the building with regard to the adaptation of the system to the current EN ISO 14122-4 and DIN 18799-1 standards, taking account of the existing complex underground construction of the power plant.

Solution

The hydroelectric power plant has been equipped with multiple HYMER fixed ladders, each of which has been specifically adapted to the respective construction around their positioning. The structure of the underground portion of the power plant in a mountain requires, for instance, installation of a fixed ladder in an angled position to overcome the inclined face of the mountain. **Limited space** due to the need to climb around the water turbines required customized planning. The customer was fully satisfied with our adaptation of the fixed ladders to the possibilities provided by the space and how we connected the new vertical ladders to existing walkways, in addition to meeting all currently applicable standards.

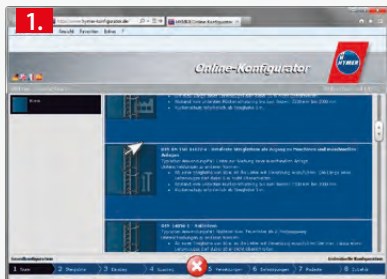
Technical data

Installed ladder parts (total):	21.2 m length
Installed safety cage (total):	12.8 m length
Longest installed vertical ladder:	7.3 m length
Tilt angle of vertical ladder:	7.5°
Special features:	Limited space options

The online configurator for vertical ladders

www.hymer-konfigurator.de

The online configurator checks all entries to ensure that they comply with the standard/s. In this way, you can always be sure that all specifications of the respective standards have been taken account of in your project.



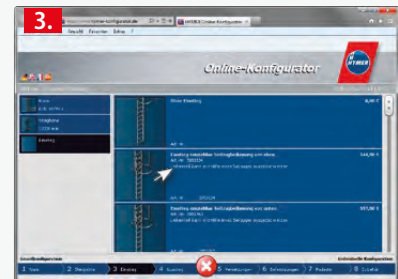
Select a standard

- German standard DIN 18799-1
– Vertical ladders at physical structures.
- EN ISO 14122-4 – Vertical ladders for access to machinery and equipment.
- German standard DIN 14094-1 – Escape ladders.
- French standard NF E85-016.



Enter the desired access height

A ladder safety cage will be suggested automatically according to the ladder height and the standard selected.



Selection of the entry form

Suitable access will be proposed on the basis of the standard selected.



Selection of the exits

Up to 13 exit variants for all usual requirements are shown.



Include offsets (optional)

From an access height of 10,000 mm, the ladder must be installed with an offset. Height and orientation of the offsets can be selected within the scope of the standard.



Selection of alternative wall mountings (optional)

If the facade contour is uneven, entering offsets instead of the standard wall mountings will result in automatic selection of alternative fastenings (e.g. adjustable wall hooks or wall brackets).



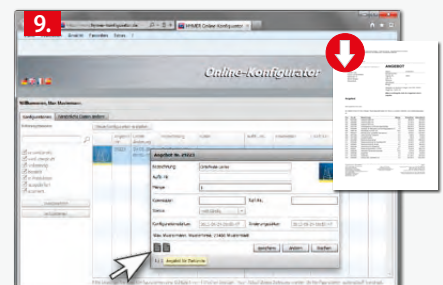
Selection of platforms (optional)

Orientation, position, depth and length of optional platforms can be defined flexibly (in consideration of automatic optimisation by configurator).



Ordering accessories (optional)

Additional parts, such as wall or floor mountings, guardrails or intermediate platforms, can be added as required. Then save the basic configuration and finish by clicking the green button.






Download detailed quotation and drawing

Double click on your configuration and a new window will open straight away. Here, you can see an overview of your details and have the option of downloading your personal quotation with scaled 3D drawings, list of components and assembly instructions as a PDF.

Simply register and start right away.

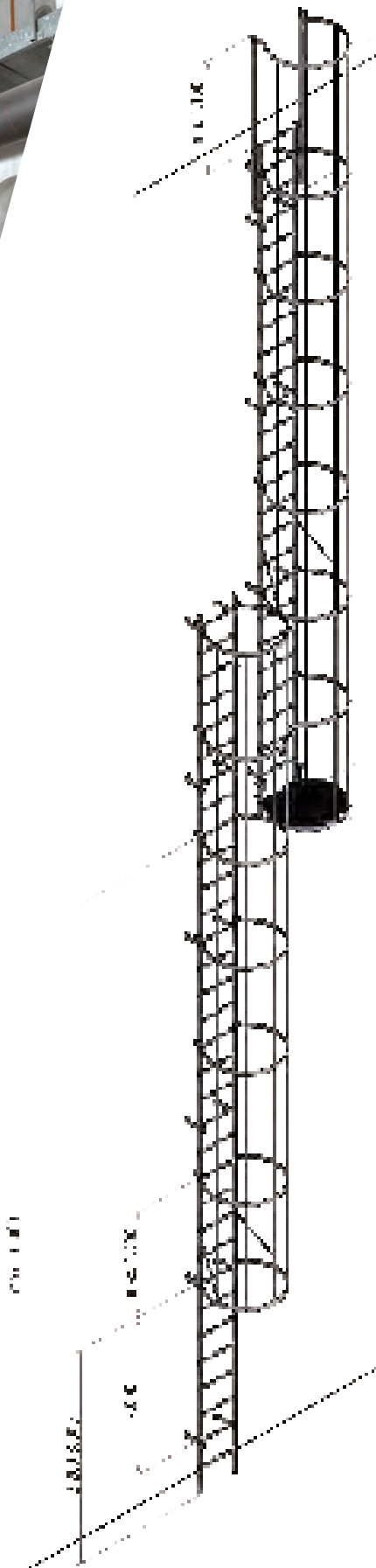
Overview of standards

The application of your vertical ladder determines the required standard?	 <p>DIN 18799-1 As ladder for building maintenance</p>	 <p>DIN 14094-1 As emergency ladder / fire ladder / escape route</p>	 <p>EN ISO 14122-4 As access to machines and plants (also in buildings as part of a production machine)</p>
Max. permissible total access height (S)	no limit	no limit	no limit
Safety cage required as of total access height (S)	$S > 3.0 \text{ m}$	$S > 3.0 \text{ m}$	$S > 3.0 \text{ m}$
Distance from floor to start of safety cage	2.2 – 3.0 m	2.2 – 3.0 m	2.2 – 3.0 m
Maximum length of ladder section	10.0 m	6.0 m at $S > 10.0 \text{ m}$ 10.0 m at $S \leq 10.0 \text{ m}$	6.0 m at $S > 10.0 \text{ m}$ 10.0 m at $S \leq 10.0 \text{ m}$
Max. distance between resting platforms	10.0 m	6.0 m	6.0 m
Special features	none	lockable access not permitted	exit with barrier and guardrail required (see on page 167)
Sample configurations in catalogue	page 158	page 160	page 162



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DIN 18799-1 Typical application: Ladder for building maintenance

- › The topmost rung must be at the exit level.
- › From an access height of 10,000 mm, the ladder shall be installed with an offset. The maximum length of a ladder section must not exceed 10,000 mm.
- › The offsets shall be arranged at equal intervals. It may, however, be designed at a different height on request or through the online configurator.
- › Distance of the rung-leading-edge of the ladder to the wall must be at least 150 mm.

Exemption:

- › If offsets are not possible for structural reasons, the ladder may also be designed longer than 10,000 mm in one single-section. In this case, the offset must be replaced with a resting platform.

Exit:

- › The gap between the access ladder and the exit level shall not be greater than 75 mm. This is provided in the case of a standard wall distance between ladder and building of 210 mm by an exit step.

Fastening:

- › The standard wall mounting has a distance between the stile and the building of 210 mm.
- › Other fastening options are available, depending on the distance from the wall.
- › The distance between the individual fastening points shall not exceed 2,000 mm, they shall, however, preferably be mounted immediately beneath the rungs.

Ladder safety cage:

- › Distance from the lowest safety cage clamp to the floor: 2,200 mm to 3,000 mm.
- › Safety cage required from access height of 3,000 mm.

DIN 18799-1 Sample configurations

Building/access height to (m)	Number of ladder sections (pcs.)			Offset** at height (m)	Quantity wall mountings	Quantity of safety cage clamps*	Order no.
	1,960 mm	2,800 mm	3,640 mm				
	0051522	0053965	0053966				
up to 10 m, single-section (incl. ladder safety cage beginning at a maximum of 3 m above the ground)							
2.68	1	–	–	–	6	–	318510
3.52	–	1	–	–	8	2+1	318513
4.64	2	–	–	–	8	3+1	318517
5.48	1	1	–	–	10	3+1	318520
6.60	3	–	–	–	10	4+1	318524
7.44	2	1	–	–	12	4+1	318527
8.28	1	2	–	–	12	5+1	318530
9.12	–	3	–	–	14	6+1	318533
9.96	–	2	1	–	14	6+1	318536
from an access height of 10 m, offset design (incl. ladder safety cage beginning at a maximum of 3 m above the ground)							
10.80	5	1	–	5.54	20	7+1	318548
12.20	–	5	–	6.10	20	9+1	318553
13.88	–	3	2	6.94	22	10+1	318559
15.56	–	1	4	7.78	24	11+1	318565
from an access height of 16 m, offset design (with additional resting platform)							
17.80	–	7	–	8.90	24	13+1	318573
19.48	1	3	3	9.74	28	14+1	318579

*) standard safety cage clamps (order no. 0051600) and a safety cage clamp for the narrow exit (order no. 0054051)

**) includes 1 fixed platform each (order no. 0051630) and 2 pcs. 3/4 clamps (order no. 0053981) with connection (order no. 0053332)

Included in scope of delivery:

- › Standard wall mountings (order no. 0050139)
- › Adequate ladder connections (order no. 0077209)
- › One narrow straight exit (order no. 0053291)
- › Exit step narrow (order no. 0054038)
- › Standard safety cage clamps (order no. 0051600)
- › One clamp fitting the narrow straight exit (order no. 0054051)
- › Safety cage braces to be cut to length (order no. 002272)
- › One pair of diagonal braces per ladder section (order no. 0053340)
- › From access height > 16 m one folding intermediate platform (order no. 0051635)

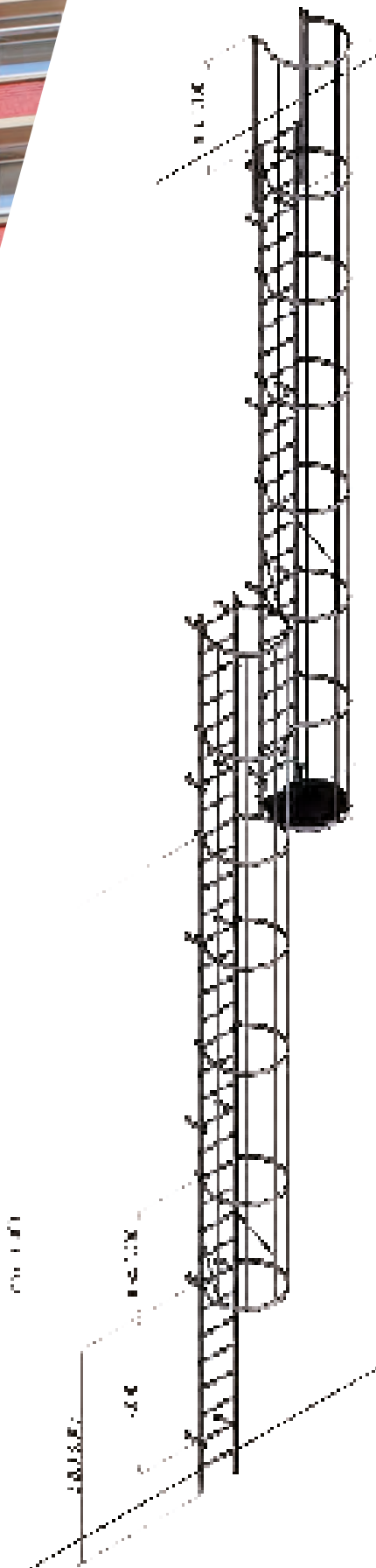
DIN 18799-1 Application examples





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DIN 14094-1 Typical application: Escape ladder or fire escape ladder as a second escape route

- › From an access height of 10,000 mm, the ladder shall be installed with an offset. The maximum length of a ladder section must not exceed 6,000 mm.
- › Distance of the rung-leading-edge of the ladder to the wall must be at least 150 mm.

Exit:

- › The gap between the access ladder and the exit level shall not be greater than 75 mm. This is provided in the case of a standard wall distance between ladder and building of 210 mm by an exit step.

Fastening:

- › The standard wall mounting has a distance between the stile and the building of 210 mm.
- › Other fastening options are available, depending on the distance from the wall.
- › The distance between the individual fastening points shall not exceed 2,000 mm, they shall, however, preferably be mounted immediately beneath the rungs.

Ladder safety cage:

- › Distance from the lowest safety cage clamp to the floor: 2,200 mm to 3,000 mm.
- › Safety cage required from access height of 3,000 mm.

DIN 14094-1 Sample configurations

Building/access height to (m)	Number of ladder sections (pcs.)			Offset** at height (m)	Quantity wall mountings	Quantity of safety cage clamps*	Order no.
	1,960 mm	2,800 mm	3,640 mm				
	0051522	0053965	0053966				
up to 10 m, single-section (incl. ladder safety cage beginning at a maximum of 3 m above the ground)							
2.68	1	–	–	–	6	–	318510
3.52	–	1	–	–	8	2+1	318513
4.64	2	–	–	–	8	3+1	318517
5.48	1	1	–	–	10	3+1	318520
6.60	3	–	–	–	10	4+1	318524
7.44	2	1	–	–	12	4+1	318527
8.28	1	2	–	–	12	5+1	318530
9.12	–	3	–	–	14	6+1	318533
9.96	–	2	1	–	14	6+1	318536
from an access height of 10 m, offset design (incl. ladder safety cage beginning at a maximum of 3 m above the ground)							
10.80	5	1	–	5.54	20	7+1	318548
12.20	–	5	–	6.10	20	9+1	318553
13.88	–	3	2	6.94	22	10+1	318559
15.56	–	1	4	7.78	24	11+1	318565
from an access height of 16 m, offset design (with additional resting platform)							
17.80	–	7	–	8.90	24	13+1	318573
19.48	1	3	3	9.74	28	14+1	318579

*) standard safety cage clamps (order no. 0051600) and a safety cage clamp for the narrow exit (order no. 0054051)

**) includes 1 fixed platform each (order no. 0051630) and 2 pcs. 3/4 clamps (order no. 0053981) with connection (order no. 0053332)

Included in scope of delivery:

- › Standard wall mountings (order no. 0050139)
- › Adequate ladder connections (order no. 0077209)
- › One narrow straight exit (order no. 0053291)
- › Exit step narrow (order no. 0054038)
- › Standard safety cage clamps (order no. 0051600)
- › One clamp fitting the narrow straight exit (order no. 0054051)
- › Safety cage braces to be cut to length (order no. 002272)
- › One pair of diagonal braces per ladder section (order no. 0053340)
- › From access height > 16 m one folding intermediate platform (order no. 0051635)

DIN 14094-1 Application examples





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EN ISO 14122-4

Typical application: Ladder for plant machinery maintenance

- › Topmost rung must finish at the same level as the exit platform.
- › From an access height of 10,000 mm, the ladder shall be installed with an offset. The maximum length of a ladder section must not exceed 6,000 mm.
- › The offsets shall be arranged at equal intervals, may, however, be designed at a different height on request or through the online configurator.
- › Distance of the rung-leading-edge of the ladder to the wall must be at least 150 mm.

Exit:

- › According to EN ISO 14122-4, the exit point must meet the highest safety requirements.
The exit must be secured with a self-closing barrier, the gap between the ladder and the building shall not be greater than 75 mm.
- › The ascent stile must be connected to the exit platform with a 1,500 mm long guardrail on both sides.
- › The guardrail supplied may be omitted if it is possible to connect to a guardrail on the building.

Fastening:

- › The standard wall mounting has a distance between the stile and the building of 210 mm.
- › Other fastening options are available, depending on the distance from the wall.
- › The distance between the individual fastening points shall not exceed 2,000 mm, they shall, however, preferably be mounted beneath the rungs.

Ladder safety cage:

- › Distance from the lowest safety cage clamp to the floor: 2,200 mm to 3,000 mm.
- › Safety cage required from vertical height of 3,000 mm.

EN ISO 14122-4 Sample configurations

Building/access height to (m)	Number of ladder sections (pcs.)			Offset** at height (m)			Quantity wall mountings	Quantity of safety cage clamps*	Order no.
	1,960 mm	2,800 mm	3,640 mm	1.	2.	3.			
	0051522	0053965	0053966						
up to 10 m, single-section (incl. ladder safety cage beginning at a maximum of 3 m above the ground)									
2.68	1	–	–	–	–	–	6	–	338510
3.52	–	1	–	–	–	–	8	2+1	338513
4.64	2	–	–	–	–	–	8	3+1	338517
5.48	1	1	–	–	–	–	10	3+1	338520
6.60	3	–	–	–	–	–	10	4+1	338524
7.44	2	1	–	–	–	–	12	4+1	338527
8.28	1	2	–	–	–	–	12	5+1	338530
9.12	–	3	–	–	–	–	14	6+1	338533
9.96	–	2	1	–	–	–	14	6+1	338536
from an access height of 10 m, offset design (incl. ladder safety cage beginning at a maximum of 3 m above the ground)									
10.52	2	3	–	5.26	–	–	20	7+1	338547
12.20	–	2	3	4.14	8.06	–	26	10+1	338562
14.16	2	–	4	4.98	9.74	–	28	11+1	338569
15.56	3	5	–	5.26	10.30	–	30	11+1	338574
17.24	4	5	–	5.82	11.42	–	30	13+1	338580
18.36	4	1	4	4.42	9.18	13.94	38	14+1	338593
20.04	10	–	2	5.54	10.52	15.62	38	15+1	338599

*) standard safety cage clamps (order no. 0051600) and a safety cage clamp for the narrow exit (order no. 0054051)

**) includes 1 fixed platform each (order no. 0051630) and 2 pcs. 3/4 clamps (order no. 0053981) with connection (order no. 0053332)

Note:

Suitable protective equipment (e.g. lockable equipment) have to be present, to ensure, that only authorised and qualified and fully equipped users access the vertical ladder. We recommend the HYMER-access barriers (see on page 166).

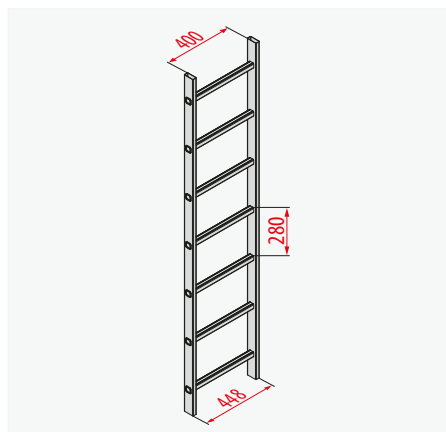
Included in scope of delivery:

- › Standard wall mountings (order no. 0050139)
- › Adequate ladder connections (order no. 0077209)
- › One straight wide exit with step and barrier (order no. 0053298)
- › Standard safety cage clamps (order no. 0051600)
- › One clamp fitting the wide straight exit and safety cage braces (order no. 0054050)
- › Safety cage braces to be cut to length (order no. 002272)
- › One pair of diagonal braces per ladder section (order no. 0053340)
- › An exit handrail for each side, left and right (order no. 0053335 + 0053336)
- › One handrail for each offset (order no. 0055196)

EN ISO 14122-4 Application examples



Individual elements – Ladder sections and accessories



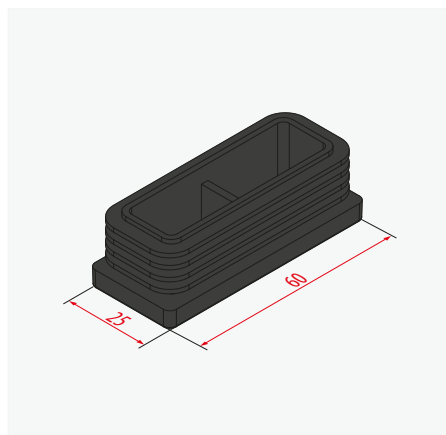
Ladder section

Number of rungs	7	10	13	18	22
Type	alu	alu	alu	alu	alu
Length (approx. mm)	1,960	2,800	3,640	5,040	6,160
Order no.	0051522	0053965	0053966	0051525	0051526

- › Inner width of the ladder 400 mm.
- › Stiles made of seamless extruded profiles.
- › Stile dimensions 60×24 mm.
- › Rung dimensions 30×30 mm.
- › Rungs flanged in the stile.

Minimum order quantity: 25 items.

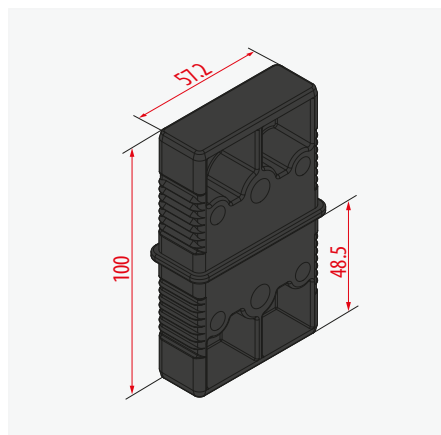
Ribbed plug



Type	plastic
Order no.	0077059

- › Plastic, black.

Ladder connector

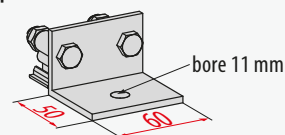


Type	plastic	plastic
Content	1 piece	set (10 pieces)
Order no.	0077209	0054641

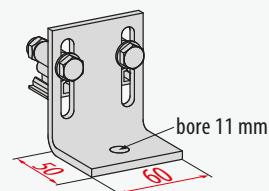
- › Glass-fibre reinforced polyamide (PA), black.

Floor bracket

fixed type

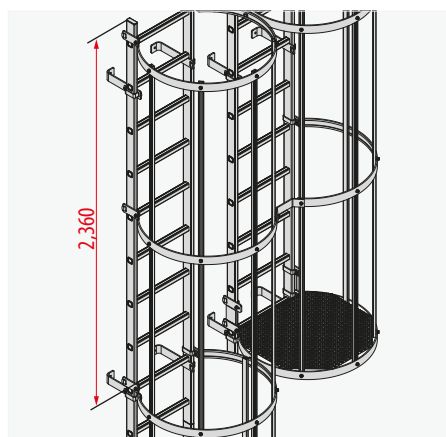


adjustable type



Type	fixed	adjustable*
Order no.	0051566	0053451

- › Aluminium version.
- › Complete with nut and bolt for ladder assembly.
- › Without screws for ground attachment.
- › * Height compensation of 40 mm possible.



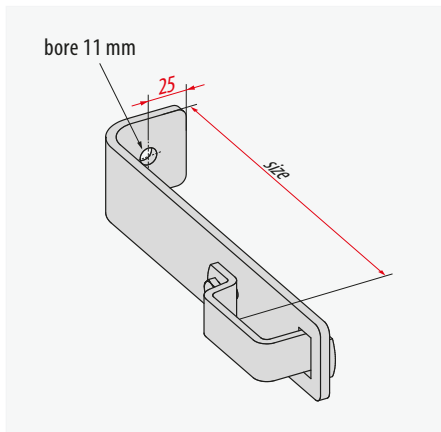
An offset comprises:

Description	Order no.	Quantity	Offset	Page
Ladder section	div.	1	2,520 mm	see on page 164
Wall mounting	div.	4		see on page 165
Safety cage clamp	0051600	1		see on page 168
Safety cage clamp 3/4	0053981	2		see on page 168
Diagonal brace	0053340	1		see on page 169
Connection for double clamp	0053332	1		see on page 169
Safety cage brace	002272	4	2,290 mm	see on page 169
Handrail for offset	0055196	1		see on page 169
Fixed platform	0051630	1		see on page 170

- › This list of components contains all the parts required in addition to a continuous ladder section.

Individual elements – Wall mountings

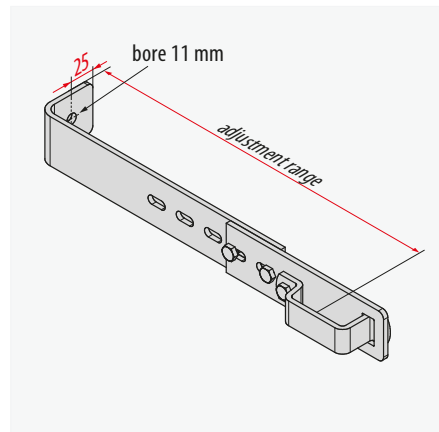
Standard wall hook



Type	alu	steel
Size (approx. mm)	210	210
Order no.	0050139	0051568

- › Fits 60×24 mm stile.
- › Without screws for wall attachment.

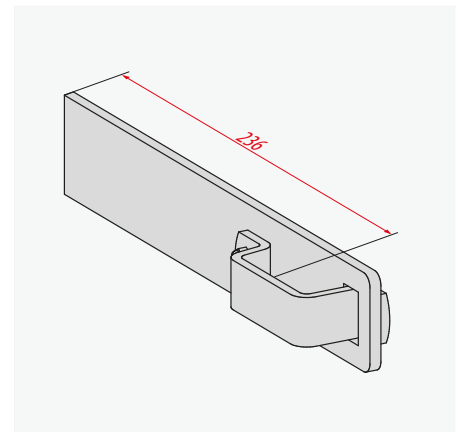
Adjustable wall hook



Type	steel
Adjustment range (approx. mm)	172–300
Order no.	0051572

- › Only available in galvanised steel.
- › Fits 60×24 mm stile.
- › Without screws for wall attachment.

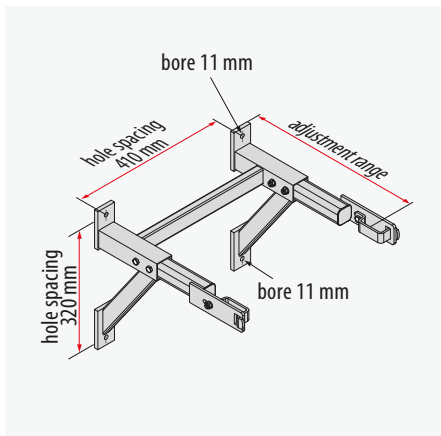
Straight wall mounting



Type	alu	steel
Size (approx. mm)	236	236
Order no.	0050141	0051569

- › Fits 60×24 mm stile.

Adjustable wall bracket

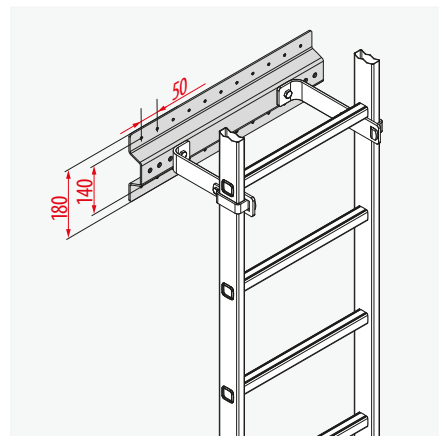


Type	alu	alu
Adj. range (approx. mm)	300–400	350–500
Order no.	0055021	0053320

Type	alu	alu
Adj. range (approx. mm)	500–650	650–800
Order no.	0053321	0053322

- › Fits 60×24 mm stile.
- › Without screws for wall attachment.

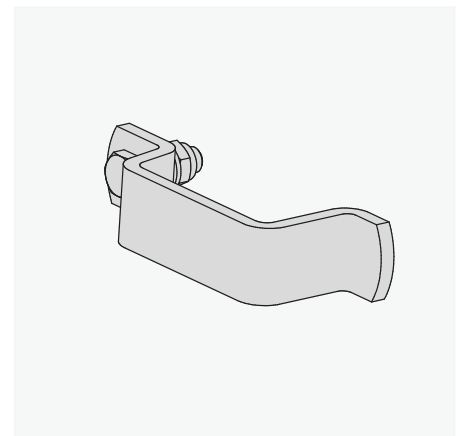
Facing plate for wall hook for vertical ladders



Type	alu
Order no.	0055096

- › For mounting wall hooks on sheet-metal facades.
- › Incl. rubber seal strip.
- › Incl. screws and nuts for mounting wall hooks at the facade panels.
- › Without screws for fixing on facades (on site).

Clamp 60



Type	steel
Order no.	0053946

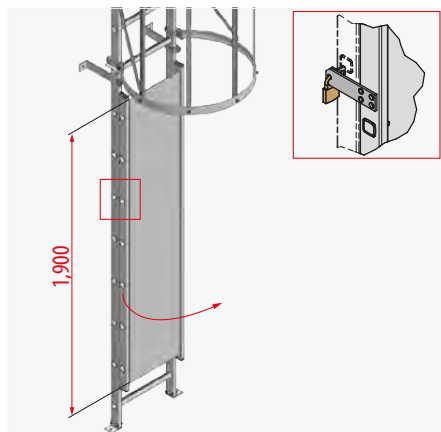
- › Complete with screw and nut.
- › Can be used for safety cage clamp and wall mounting.

Important:

The distance between the individual fastening points shall not exceed 2,000 mm. The fastenings shall preferably be fitted beneath the rung (maximum 1,960 mm).

Individual elements – Accesses

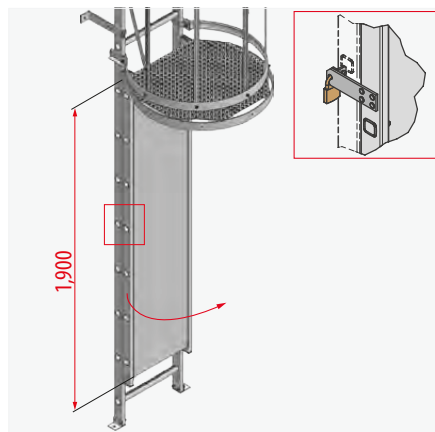
Access barrier, lockable



Type	alu
Order no.	0051637

- › Incl. padlock.
- › Floor brackets are not included in the scope of supply.
- › Not permitted for escape ladders to DIN 14094-1 and EN ISO 14122-4.
- › Opening to left. Opening to right available on demand.

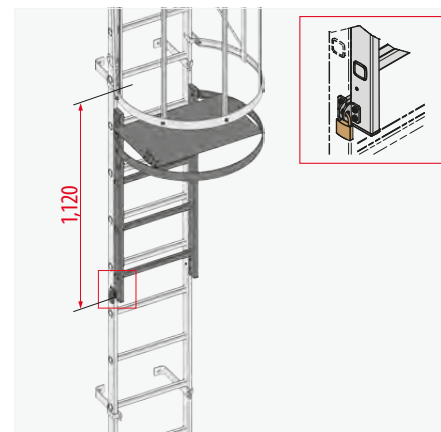
Access barrier with cover, lockable



Type	alu
Order no.	0051764

- › Incl. padlock.
- › Floor brackets are not included in the scope of supply.
- › Not permitted for escape ladders to DIN 14094-1 and EN ISO 14122-4.
- › Opening to left. Opening to right available on demand.

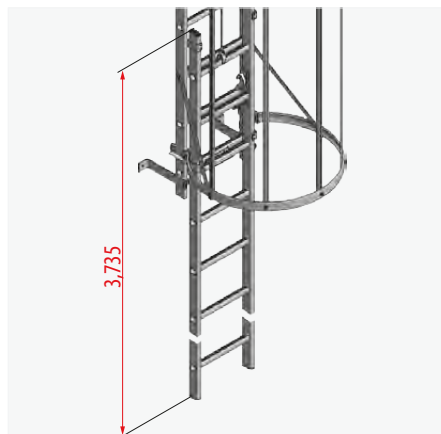
Access barrier



Type	alu
Order no.	0054770

- › Swivelling ladder section with platform.
- › Incl. padlock.
- › Not permitted for escape ladders to DIN 14094-1 and EN ISO 14122-4.
- › Opening to left. Opening to right available on demand.

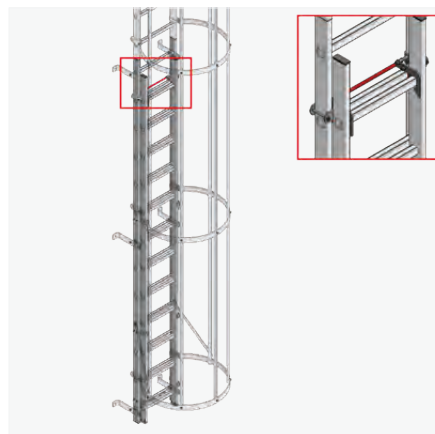
Retractable access (operation from bottom)



Form of delivery	Surcharge for complete ladder systems	Spare part for retrofitting with existing vertical ladder
Order no.	0051763	0052315

- › Ladder section can be released with the aid of a rope-pull from below.
- › Not permitted for escape ladders to DIN 14094-1.
- › Overlap: + /- 900 mm.
- › Max. access height: 2,800 mm.

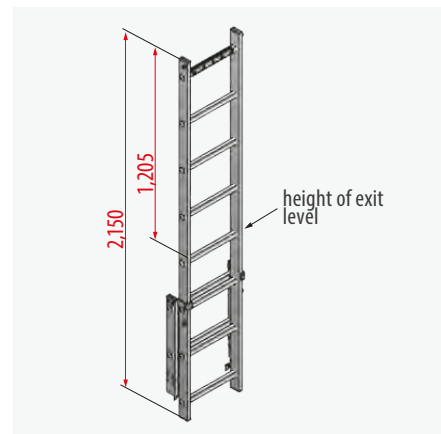
Emergency exit ladder



Type	alu
Length retracted (approx. m)	3.65
Length extended (approx. m)	6.17
Order no.	0055227

- › Access protection with automatic release when stepping on the top rung.
- › In accordance with DIN 14094-1.
- › Can be used for escape ladders from an access height of 6.9 m.

Extendable access aid



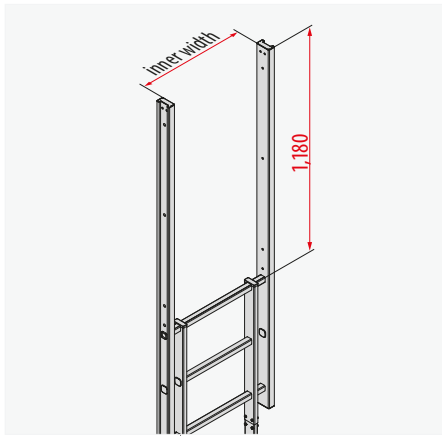
Type	alu
Order no.	0053345

- › For use with roof hatches, skylights and pits.

Lockable, self-closing access barrier according to EN ISO 14122-4 available on demand.

Individual elements – Exits

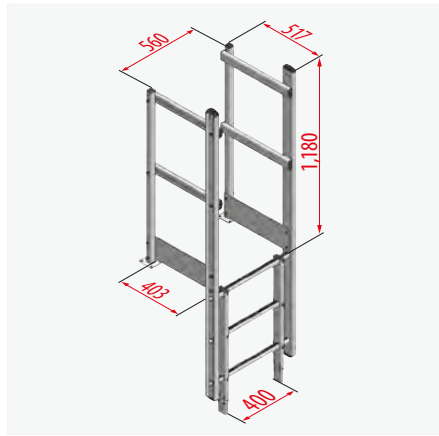
Wide/narrow straight exit



Type	narrow	wide
Width (approx. mm)	560	700
Order no.	0053291	0053292

- › DIN 18799-1 Physical structures: order additional exit step (order no. 0054038 or 0054039).
- › DIN 14094-1 Escape ladders.

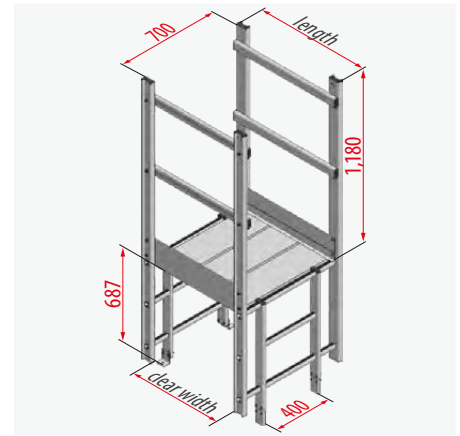
Narrow exit with handrail



Type	alu
Order no.	0054054

- › DIN 18799-1 Physical structures: order additional exit step (order no. 0054038).
- › DIN 14094-1 Escape ladders.

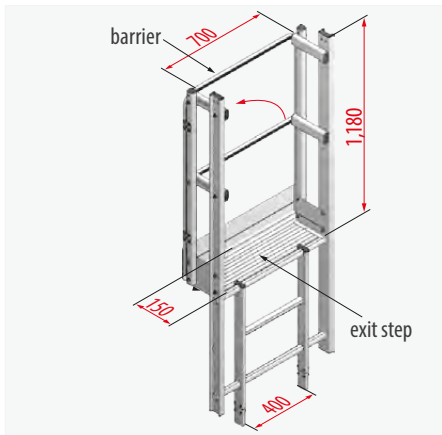
Wide exit with crossover



Type	alu	alu	alu
Length (approx. mm)	725	950	1,175
Clear width (approx. mm)	651	876	1,101
Order no.	0054056	0054057	0054058

- › DIN 18799-1 Physical structures.
- › DIN 14094-1 Escape ladders.
- › Platform tread made of grooved aluminium, closed.
- › Guardrails on both sides with handrail, knee rail and toeboard.

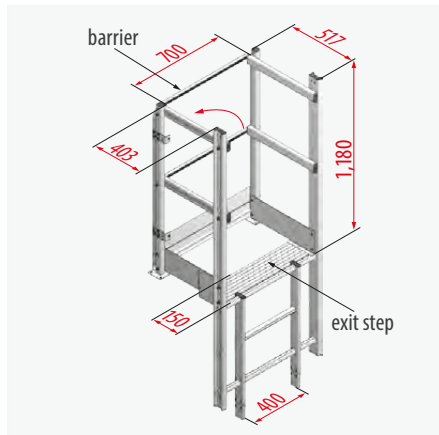
Wide exit with step



Type	alu
Order no.	0053298

- › EN ISO 14122-4 Access to plant and equipment.
- › DIN 18799-1 Physical structures.
- › DIN 14094-1 Escape ladders.
- › Exit step 150 mm.
- › Self-closing barrier with handrail, knee rail and toeboard.
- › Opening to left. Opening to right available on demand.

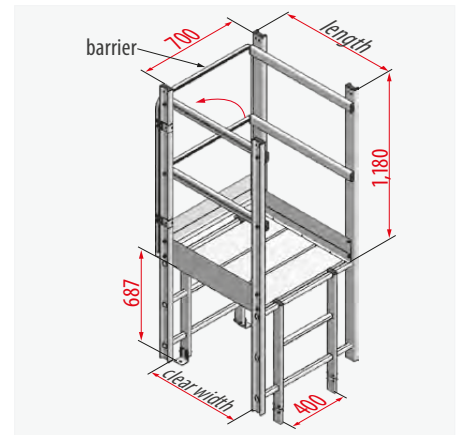
Wide exit with handrail



Type	alu
Order no.	0054055

- › EN ISO 14122-4 Access to plant and equipment.
- › DIN 18799-1 Physical structures.
- › DIN 14094-1 Escape ladders.
- › Exit step 150 mm.
- › Guardrail on both sides and self-closing barrier with handrail, knee rail and toeboard.
- › Opening to left. Opening to right available on demand.

Wide exit with crossover and barrier

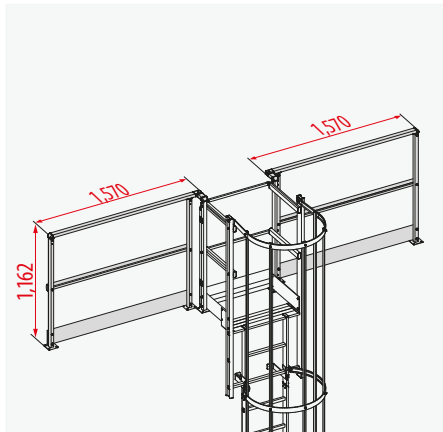


Type	alu	alu	alu
Length (approx. mm)	725	950	1,175
Clear width (approx. mm)	651	876	1,101
Order no.	0054059	0054060	0054061

- › EN ISO 14122-4 Access to plant and equipment.
- › DIN 18799-1 Physical structures.
- › DIN 14094-1 Escape ladders.
- › Platform tread made of grooved aluminium, closed.
- › Guardrail on both sides and self-closing barrier with handrail, knee rail and toeboard.
- › Opening to left. Opening to right available on demand.

Individual elements – Accessories for exits

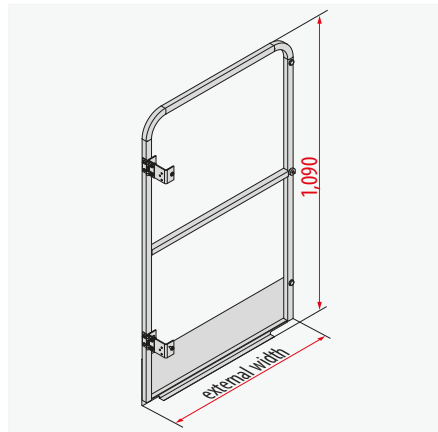
Guardrail for exit



Type	alu	alu
Side	left	right
Order no.	0053335	0053336

- › According to EN ISO 14122-4 (accesses to machinery), the exit point must comply with the highest security standard. The exit stile must be connected to a guardrail which is 1,500 mm long on both sides of the exit surface.
- › Note: The guardrail is combineable with all exits, **besides** exit straight small/wide (order no. 0053291/0053292).

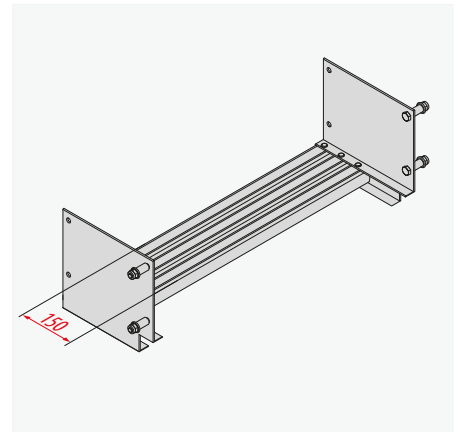
Barrier (for screwing on)



Type	narrow	wide
External width (approx. mm)	632	772
Order no.	0054032	0054033

- › Automatically closing.
- › Opening to the right.
- › With magnetic catch.

Exit step



Type	narrow	wide
Width (approx. mm)	560	700
Order no.	0054038	0054039

- › Incl. fastening material.

Individual elements – Safety cage

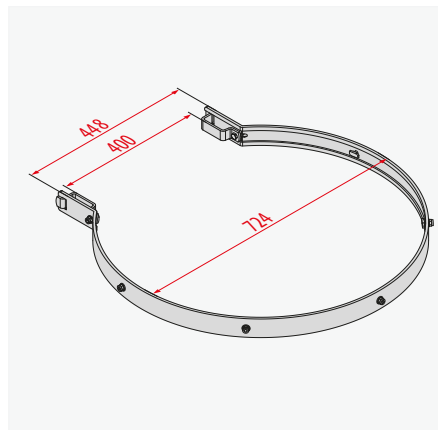
Safety cage clamp 3/4



Type	alu
Order no.	0053981

- › Incl. fastening material.
- › Hammer head bolts for safety cage braces preassembled.

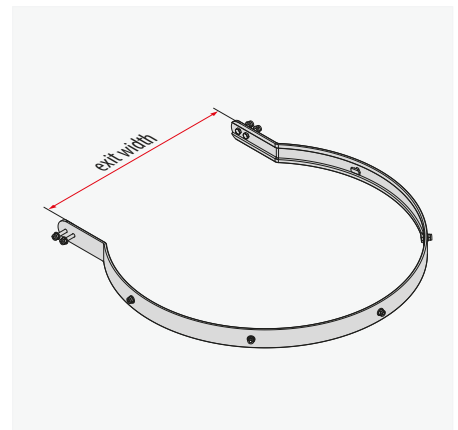
Safety cage clamp



Type	alu
Order no.	0051600

- › Incl. fastening material.
- › Hammer head bolts for safety cage braces preassembled.

Safety cage clamp for exit



Type	alu	alu
For exit	narrow	wide
Exit width (approx. mm)	560	700
Order no.	0054051	0054050

- › Clamps distinguished by exit width.
- › Incl. fastening material.
- › Hammer head bolts for safety cage braces preassembled.

Individual elements – Safety cage

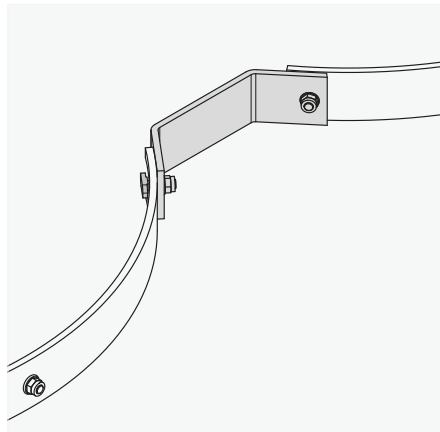
Diagonal brace



Type	alu
Order no.	0053340

- › Incl. fastening material.
- › Required once per ladder section for safety cage.

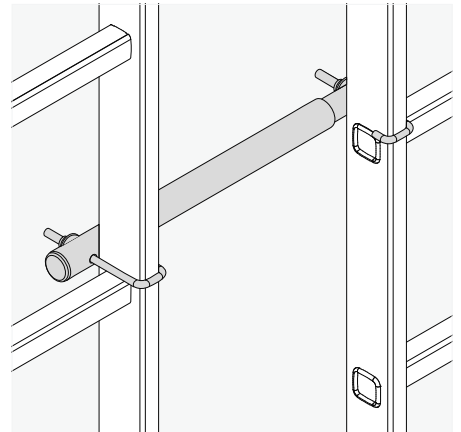
Connection for double clamp



Type	alu
Order no.	0053332

- › To connect two safety cage clamps 3/4.

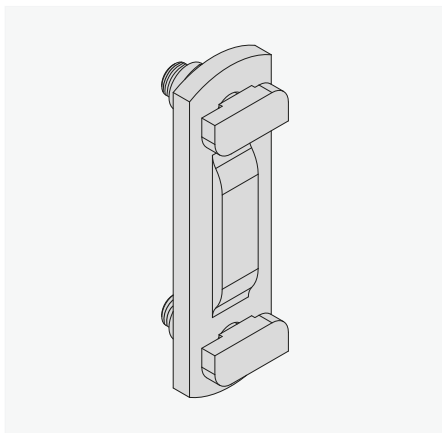
Handrail for offset



Type	alu
Adjustment range (mm)	305–480
Order no.	0055196

- › Handrail for safe grasping between the stiles when changing between multi-stile ladders.
- › Prescribed for access to machinery systems in accordance with EN ISO 14122-4.
- › Assembly on the 4th rung above the standing platform between two ladder sections.
- › Incl. fastening material.

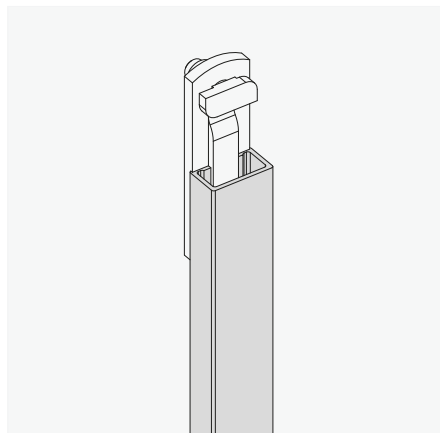
Connector for safety cage braces



Type	alu
Order no.	0050255

- › Incl. fastening material.

Safety cage brace



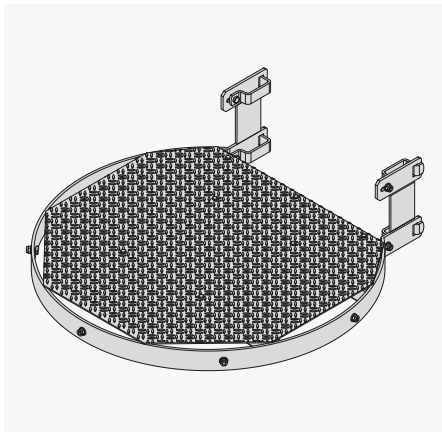
Type	alu
Length (approx. mm)	3,190
Order no.	002272

- › Installation tip:
Fit braces on the inner side of the clamps, nuts on the outer side of the clamps.

Overall length of safety cage = access height - height from ground to start of safety cage + length of exit (always 1,180 mm)

Individual elements – Platforms

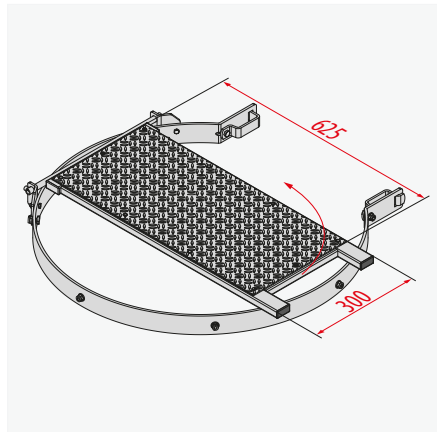
Fixed platform



Type	alu
Order no.	0051630

- › Aluminium chequer plate tread.
- › Incl. fastening material.
- › Hammer head bolts for safety cage braces preassembled.

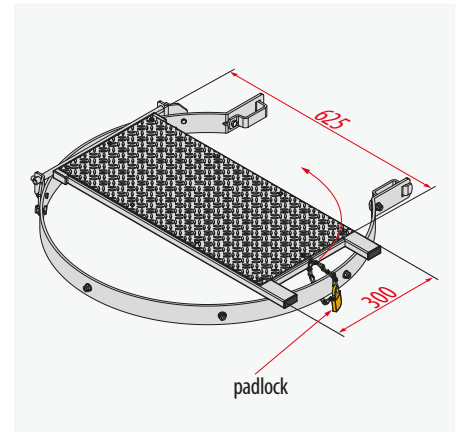
Folding intermediate platform



Type	alu
Order no.	0051635

- › For use as resting or standing platform etc. if no offset is possible for construction reasons.

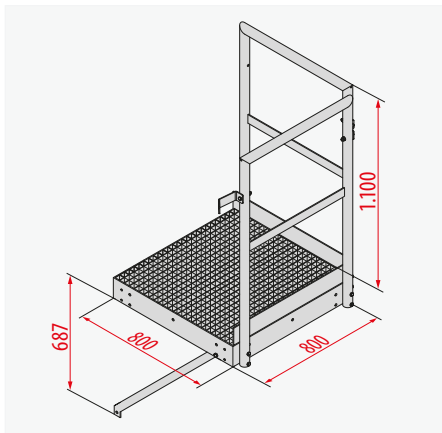
Folding intermediate platform, lockable



Type	alu
Order no.	0051762

- › Incl. padlock.
- › Not permitted for escape ladders in accordance with DIN 14094-1.

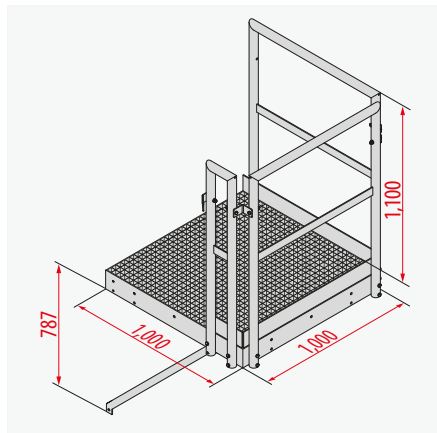
Platform, small



Type	steel
Order no.	0054040

- › Galvanised steel grating platform.
- › Galvanised steel guardrail.
- › Width 800 mm, depth 800 mm.
- › Without fastening material.

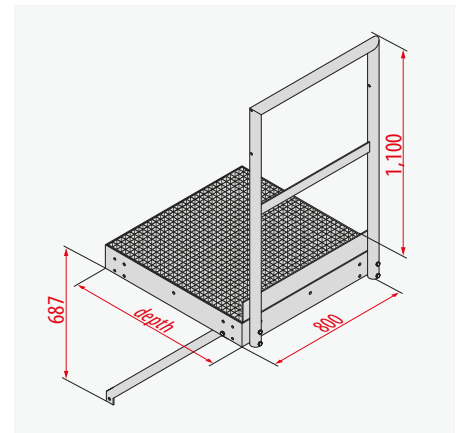
Platform, large



Type	steel
Order no.	0054041

- › Galvanised steel grating platform.
- › Galvanised steel guardrail.
- › Width 1,000 mm, depth 1,000 mm.
- › Without fastening material.

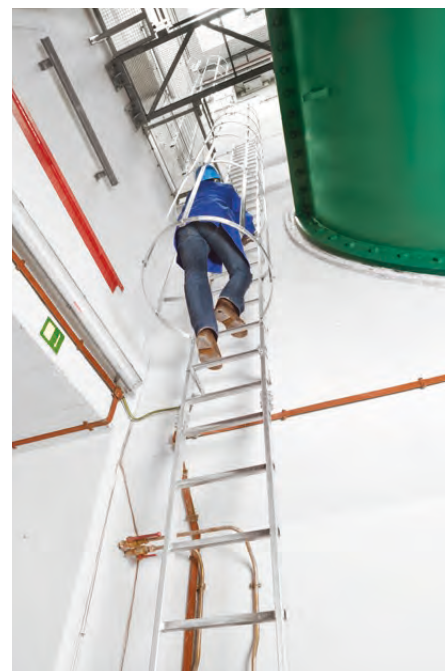
Extension platform, small/large



Type	steel	steel
Depth (approx. mm)	800	1,000
Order no.	0054042	0054043

- › Galvanised steel grating platform.
- › Galvanised steel guardrail.
- › Width 800 mm, depth 800 mm or 1,000 mm.
- › Without fastening material.

Individual designed vertical ladder constructions



HYMER Project

**Personal.
Intelligent.
Reliable.**





Video: height-adjustable
platform
<https://youtu.be/hKyhsa5ud2w>

STAIRS, PLATFORMS AND CROSSINGS

The HYMER modular system	page 174
Fixed stairs	page 176
Mobile podiums	page 184
Fixed crossings	page 188
Further stairs	page 192
Accessories and spare parts	page 193
HYMER Project	page 194
HYMER Project application examples	page 196



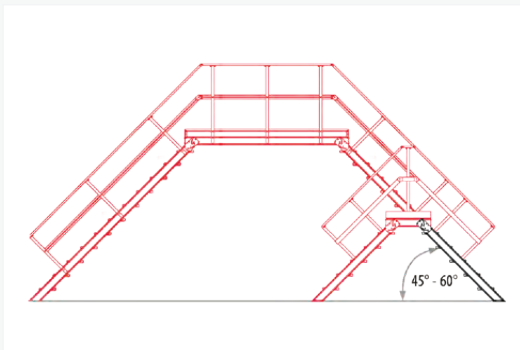
The HYMER modular system – individual solutions with standard components

The HYMER modular system offers all partners the capability of meeting their requirements for individual solutions in ladder technology in a cost-effective, compact and fast way. Fixed stairs, mobile stairs with a platform or crossings can be produced with the HYMER modular system in a very short time.



Our standard – your benefit

- › The standardised, replaceable components have been tried in practice, improved and have demonstrated their worth.
- › Our system is based on screwed connections and this means that we can dispense with welding almost completely. Replacements and repairs are thus possible at any time and are not expensive.
- › Aluminium extruded profiles specially designed by HYMER guarantee the greatest stability and functionality.
- › Our steps and platforms are built to comply with DGUV Information 208-011 and EN ISO 14122 regulations and have DEKRA type approval.
- › Fast, time-saving product configuration with HYMER online configurator. Simply log-on and start at www.hymer-konfigurator.de.



One system – many solutions

- › Fixed stairs with or without platforms or fixed crossings.
- › Step angle from 45° to 60°.
- › Handrail one-sided/both-sided.
- › Step width 600, 800, 1,000 mm.
- › Different height variants possible.
- › Platform length 500 – 2,500 mm (beyond this, additional supports must be planned depending on the height and length of the platform).
- › Bridging length 500 – 2,500 mm (beyond this, additional supports must be planned depending on the height and length of the crossing).

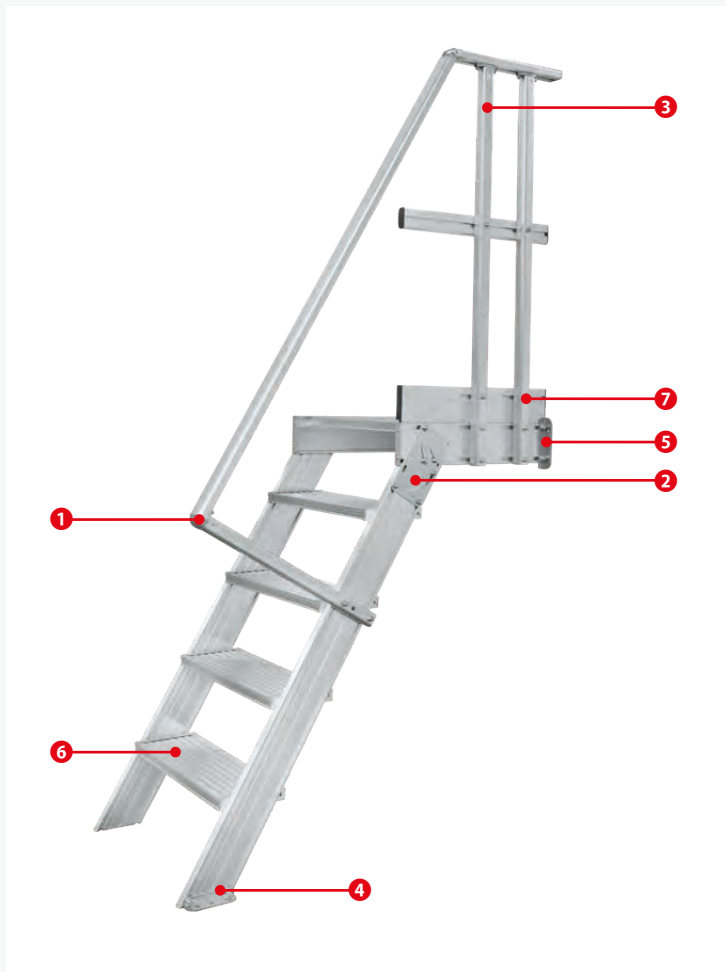


You require something special?

Often standardised steps, platforms and podiums can not cover the individual requirements. On basis of our modular system, we develop and deliver custom-fit, reasoned individual solutions for safe working at height. We present you a selection of projects from page 195 on.

Our team of HYMER Project is your reliable partner in project and development for intelligent and custom-fit access solutions.
Tel.: + 49 (0) 75 22 700 - 105

HYMER modular system components



① Guardrail connection



② Stair-platform connection



③ Mounting bracket



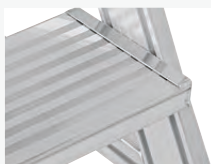
④ Ground attachment



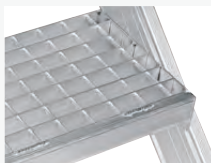
⑤ Anchoring on the wall



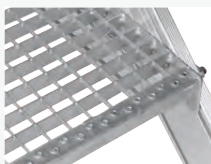
⑥ Step versions

**Standard:**
Aluminium profile steps, grooved

- › Enclosed non-slip grooves
- › Step depth 200/250 mm
- › Anti-slip property class R11

**Alternative:**
Aluminium grating steps

- › Mesh width 30×30 mm
- › Step depth 240/270 mm
- › Anti-slip property possible up to class R13

**Alternative:**
Steel grating steps, galvanised

- › Mesh width 30×30 mm
- › Step depth 240/270 mm
- › Anti-slip property possible up to class R13

⑦ Type of guardrail attachment

**Standard:**
Bolted guardrail

- › With toeboard

**Alternative:**
Inserted guardrail

- › With toeboard, lashing eyes, secured locking bar and safety cotter pin

**Alternative:**
Folding guardrail

- › With toeboard, mounting bracket, secured locking bar and safety cotter pin

Recommendation by employers liability insurance associations:
When used in the open, the industrial employers liability insurance associations recommend the use of decks and steps made of aluminium or steel gratings.



According to EN ISO 14122-3 (permanent means of access to machinery), these stairs are not permissible in residential buildings. The means of attachment for stationary assembly of the steps/platform steps/crossings must be provided on-site and are not included in the items supplied.

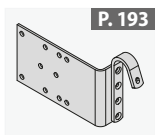
2211 Fixed stairs without platform, step angle 45°

- › Step width optionally 600, 800 or 1,000 mm.
- › For access ways to machines or machinery systems, a step width of 600 mm is only permitted in exceptional cases.
- › Aluminium profile steps 250 mm deep, alternatively aluminium or steel grating steps 240 mm deep at additional cost.
- › As standard with one handrail, mounted on the left, second handrail available at extra cost.
- › For access paths to machines or machinery systems, handrails on both sides are mandatory if the distance to the object is larger than 120 mm.
- › Standard design with 2 wall mounting brackets at top and floor brackets at bottom, on request at top with suspension hook or bearing bracket at additional cost.
- › Intermediate sizes at price of next highest number of steps.
- › Permissible load of step 150 kg, permissible load total 150 kg/m² (max. 300 kg).
- › For use only by one person.
- › Not available on stock, production on order, therefore, no exchange possible.
- › Shipped in subassemblies pre-assembled in the factory.

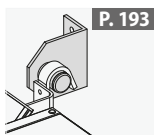


- › Outer step width incl. single handrail = step width + 100 mm, or step width + 150 mm with handrail on both sides

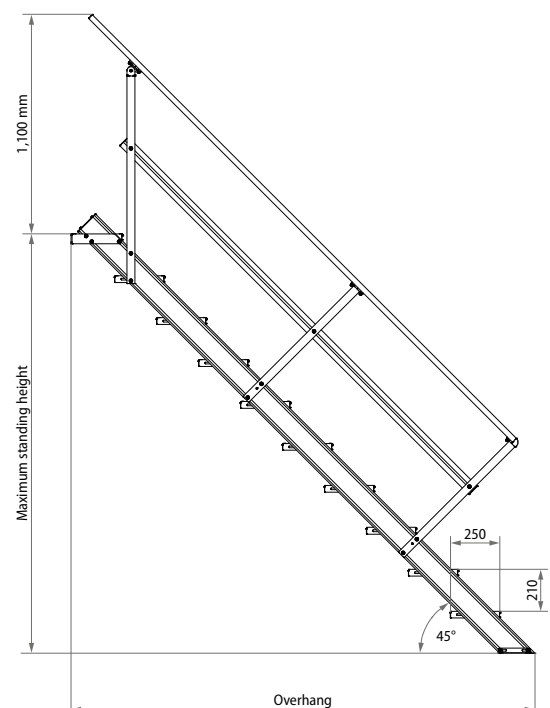
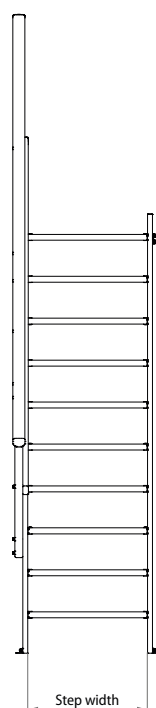
Recommended accessories:



Suspension hook set



Suspension set



Step width 600 mm

Number of steps	4	5	6	7	8	9	10	11
Max. standing height (approx. m)	0.84	1.05	1.26	1.47	1.68	1.89	2.10	2.31
Overhang (approx. m)	1.06	1.27	1.48	1.69	1.90	2.11	2.32	2.53
Weight (approx. kg)	19.0	23.0	26.0	29.0	33.0	37.0	40.0	44.0
Order no.	22110604	22110605	22110606	22110607	22110608	22110609	22110610	22110611
Order no. handrail right	0053244	0053655	0053657	0053900	0053902	0053904	0053906	0053908

Number of steps	12	13	14	15	16	17	18	19
Max. standing height (approx. m)	2.52	2.73	2.94	3.15	3.36	3.57	3.78	3.99
Overhang (approx. m)	2.74	2.95	3.16	3.37	3.58	3.79	4.00	4.21
Weight (approx. kg)	47.0	51.0	54.0	57.0	61.0	64.0	68.0	72.0
Order no.	22110612	22110613	22110614	22110615	22110616	22110617	22110618	22110619
Order no. handrail right	0053910	0053912	0054452	0054453	0054456	0054457	0054470	0054471

Step width 800 mm

Number of steps	4	5	6	7	8	9	10	11
Max. standing height (approx. m)	0.84	1.05	1.26	1.47	1.68	1.89	2.10	2.31
Overhang (approx. m)	1.06	1.27	1.48	1.69	1.90	2.11	2.32	2.53
Weight (approx. kg)	21.0	26.0	29.0	33.0	37.0	42.0	45.0	50.0
Order no.	22110804	22110805	22110806	22110807	22110808	22110809	22110810	22110811
Order no. handrail right	0053244	0053655	0053657	0053900	0053902	0053904	0053906	0053908

Number of steps	12	13	14	15	16	17	18	19
Max. standing height (approx. m)	2.52	2.73	2.94	3.15	3.36	3.57	3.78	3.99
Overhang (approx. m)	2.74	2.95	3.16	3.37	3.58	3.79	4.00	4.21
Weight (approx. kg)	53.0	58.0	61.0	65.0	69.0	73.0	77.0	82.0
Order no.	22110812	22110813	22110814	22110815	22110816	22110817	22110818	22110819
Order no. handrail right	0053910	0053912	0054452	0054453	0054456	0054457	0054470	0054471

Step width 1,000 mm

Number of steps	4	5	6	7	8	9	10	11
Max. standing height (approx. m)	0.84	1.05	1.26	1.47	1.68	1.89	2.10	2.31
Overhang (approx. m)	1.06	1.27	1.48	1.69	1.90	2.11	2.32	2.53
Weight (approx. kg)	23.0	28.0	32.0	36.0	41.0	46.0	50.0	55.0
Order no.	22111004	22111005	22111006	22111007	22111008	22111009	22111010	22111011
Order no. handrail right	0053244	0053655	0053657	0053900	0053902	0053904	0053906	0053908

Number of steps	12	13	14	15	16	17	18	19
Max. standing height (approx. m)	2.52	2.73	2.94	3.15	3.36	3.57	3.78	3.99
Overhang (approx. m)	2.74	2.95	3.16	3.37	3.58	3.79	4.00	4.21
Weight (approx. kg)	59.0	64.0	68.0	72.0	77.0	81.0	86.0	91.0
Order no.	22111012	22111013	22111014	22111015	22111016	22111017	22111018	22111019
Order no. handrail right	0053910	0053912	0054452	0054453	0054456	0054457	0054470	0054471



Note:
According to EN ISO 14122-3 (permanent means of access to machinery), these stairs are not permissible in residential buildings. The means of attachment for stationary assembly of the steps/platform steps/crossings must be provided on-site and are not included in the items supplied.

Note on European standard EN ISO 14122: For safety reasons, preference is to be given to stairs with a 45° inclination angle. If local conditions do not allow this for reasons of space or if the stairs are rarely used, a step angle of 60° can be selected.



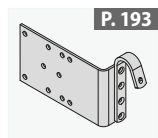
2210 Fixed stairway-ladder without platform, step angle 60°

- › **Step width optionally 600, 800 or 1,000 mm.**
- › For access ways to machines or machinery systems, a step width of 600 mm is only permitted in exceptional cases.
- › **Aluminium profile steps 200 mm deep**, alternatively aluminium or steel grating steps 240 mm deep at additional cost.
- › As standard with one **handrail**, mounted on the left, second handrail available at extra cost.
- › For access paths to machines or machinery systems, handrails on both sides are mandatory if the distance to the object is larger than 120 mm.
- › Standard design with 2 **wall mounting brackets** at top and floor brackets at bottom, on request at top with suspension hook or bearing bracket at additional cost.
- › Intermediate sizes at price of next highest number of steps.
- › Permissible load of step 150 kg, permissible load total 150 kg/m² (max. 300 kg).
- › For use only by one person.
- › Not available on stock, production on order, therefore, no exchange possible.
- › Shipped in subassemblies pre-assembled in the factory.

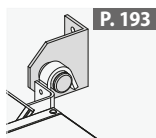


- › Outer step width incl. single handrail = step width + 100 mm, or step width + 150 mm with handrail on both sides

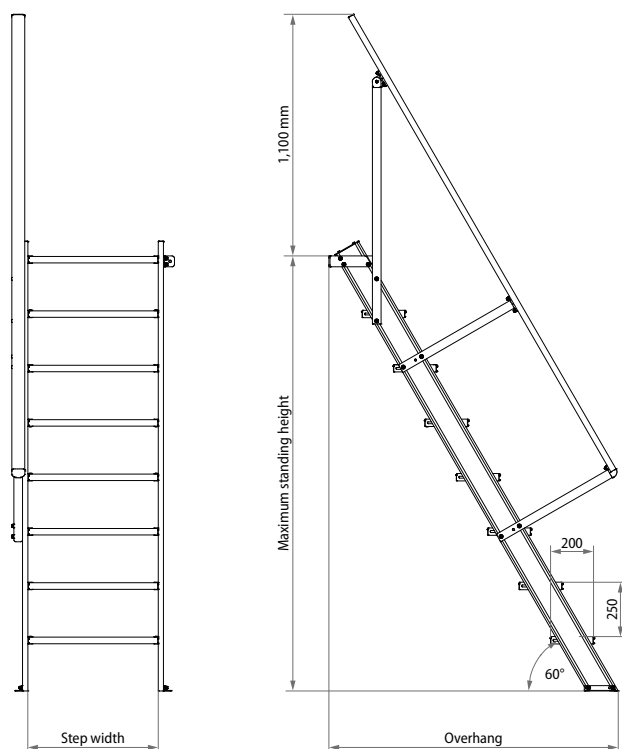
Recommended accessories:



Suspension hook set



Suspension set



Step width 600 mm

Number of steps	4	5	6	7	8	9	10	11	12
Max. standing height (approx. m)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
Overhang (approx. m)	0.75	0.89	1.04	1.19	1.33	1.48	1.62	1.76	1.91
Weight (approx. kg)	13.0	16.0	19.0	22.0	25.0	28.0	31.0	34.0	36.0
Order no.	22100604	22100605	22100606	22100607	22100608	22100609	22100610	22100611	22100612
Order no. handrail right	0053383	0053645	0052984	0053094	0052985	0053083	0052986	0053260	0052987

Number of steps	13*	14*	15*	16*	17*	18*	19*	20*
Max. standing height (approx. m)	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Overhang (approx. m)	2.05	2.20	2.34	2.49	2.63	2.77	2.92	3.06
Weight (approx. kg)	39.0	41.0	44.0	49.0	52.0	55.0	58.0	61.0
Order no.	22100613	22100614	22100615	22100616	22100617	22100618	22100619	22100620
Order no. handrail right	0053646	0053107	0053647	0053111	0053087	0053648	0053649	0053650

Step width 800 mm

Number of steps	4	5	6	7	8	9	10	11	12
Max. standing height (approx. m)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
Overhang (approx. m)	0.75	0.89	1.04	1.19	1.33	1.48	1.62	1.76	1.91
Weight (approx. kg)	16.0	19.0	22.0	25.0	29.0	32.0	36.0	39.0	42.0
Order no.	22100804	22100805	22100806	22100807	22100808	22100809	22100810	22100811	22100812
Order no. handrail right	0053383	0053645	0052984	0053094	0052985	0053083	0052986	0053260	0052987

Number of steps	13*	14*	15*	16*	17*	18*	19*	20*
Max. standing height (approx. m)	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Overhang (approx. m)	2.05	2.20	2.34	2.49	2.63	2.77	2.92	3.06
Weight (approx. kg)	45.0	48.0	52.0	55.0	59.0	62.0	66.0	68.0
Order no.	22100813	22100814	22100815	22100816	22100817	22100818	22100819	22100820
Order no. handrail right	0053646	0053107	0053647	0053111	0053087	0053648	0053649	0053650

Step width 1,000 mm

Number of steps	4	5	6	7	8	9	10	11	12
Max. standing height (approx. m)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
Overhang (approx. m)	0.75	0.89	1.04	1.19	1.33	1.48	1.62	1.76	1.91
Weight (approx. kg)	19.0	22.0	25.0	28.0	32.0	35.0	40.0	43.0	47.0
Order no.	22101004	22101005	22101006	22101007	22101008	22101009	22101010	22101011	22101012
Order no. handrail right	0053383	0053645	0052984	0053094	0052985	0053083	0052986	0053260	0052987

Number of steps	13*	14*	15*	16*	17*	18*	19*	20*
Max. standing height (approx. m)	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
Overhang (approx. m)	2.05	2.20	2.34	2.49	2.63	2.77	2.92	3.06
Weight (approx. kg)	50.0	53.0	56.0	59.0	62.0	65.0	68.0	71.0
Order no.	22101013	22101014	22101015	22101016	22101017	22101018	22101019	22101020
Order no. handrail right	0053646	0053107	0053647	0053111	0053087	0053648	0053649	0053650

* According to EN ISO 14122 an intermediate platform of at least 1 m length is required over 3 m vertical height. The additional cost is available on request.



Note:
According to EN ISO 14122-3 (permanent means of access to machinery), these stairs are not permissible in residential buildings. The means of attachment for stationary assembly of the steps/platform steps/crossings must be provided on-site and are not included in the items supplied.

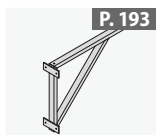
2221 Fixed stairs with platform, step angle 45°

- › **Step width optionally 600, 800 or 1,000 mm.**
- › For access ways to machines or machinery systems, a step width of 600 mm is only permitted in exceptional cases.
- › **Aluminium profile steps 250 mm deep**, alternatively aluminium or steel grating steps 240 mm deep at additional cost.
- › As standard with one **handrail**, mounted on the left, second handrail available at extra cost.
- › For access paths to machines or machinery systems, handrails on both sides are mandatory if the distance to the object is larger than 120 mm.
- › 1,100 mm high guardrail on the platform, with **knee and foot rail**.
- › **Platform length 500 mm**, extension in steps of 500 mm for aluminium profile steps and grating platforms. Where aluminium chequer plate is used intermediate sizes are possible. Platform lengths are limited to 2,500 mm in cantilever version.
- › Standard design with 2 **wall mounting brackets** at top and floor brackets at bottom, on request at top with suspension hook or bearing bracket at additional cost.
- › Triangular brackets must be used for side wall mounting (see on page 193), platform exit optionally on the left or on the right.
- › Intermediate sizes at price of next highest number of steps.
- › Permissible load of step 150 kg, permissible load total 150 kg/m² (max. 300 kg).
- › For use only by one person.
- › Not available on stock, production on order, therefore, no exchange possible.
- › Shipped in subassemblies pre-assembled in the factory.

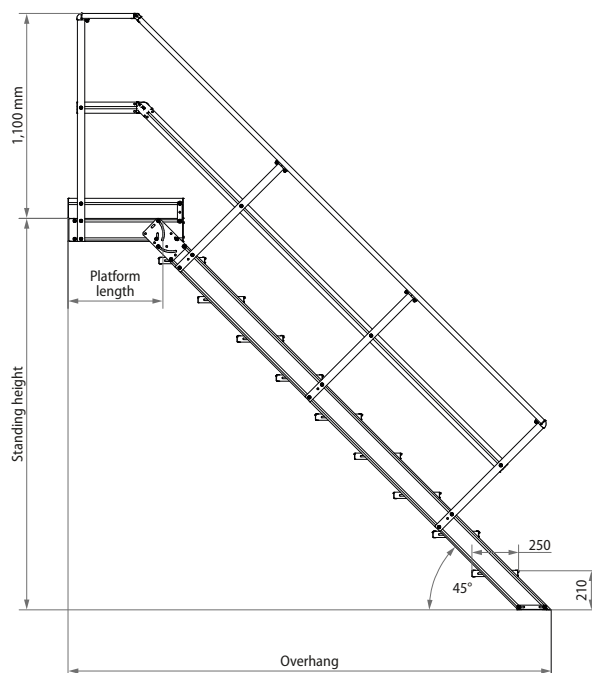
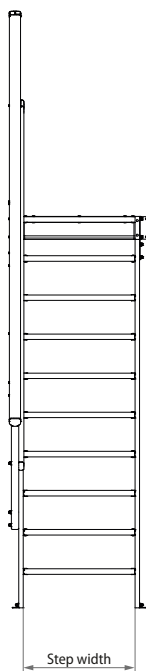


- › **Outer step width incl. single handrail = step width + 100 mm, or step width + 150 mm with handrail on both sides**

Recommended accessory:



Triangular bracket



Step width 600 mm

Number of steps incl. platform	4	5	6	7	8	9	10	11
Standing height (approx. m)	0.84	1.05	1.26	1.47	1.68	1.89	2.10	2.31
Overhang (approx. m)	1.33	1.54	1.75	1.96	2.17	2.38	2.59	2.80
Weight (approx. kg)	27.0	30.0	34.0	37.0	40.0	45.0	48.0	51.0
Order no.	22210604	22210605	22210606	22210607	22210608	22210609	22210610	22210611
Order no. handrail right	0054771	0054772	0054773	0054774	0054775	0054776	0054777	0054778

Number of steps incl. platform	12	13	14	15	16	17	18	19
Standing height (approx. m)	2.52	2.73	2.94	3.15	3.36	3.57	3.78	3.99
Overhang (approx. m)	3.01	3.22	3.43	3.64	3.85	4.06	4.27	4.48
Weight (approx. kg)	55.0	58.0	62.0	65.0	68.0	72.0	75.0	79.0
Order no.	22210612	22210613	22210614	22210615	22210616	22210617	22210618	22210619
Order no. handrail right	0054779	0054780	0054781	0054782	0054783	0054784	0054785	0054786

Step width 800 mm

Number of steps incl. platform	4	5	6	7	8	9	10	11
Standing height (approx. m)	0.84	1.05	1.26	1.47	1.68	1.89	2.10	2.31
Overhang (approx. m)	1.33	1.54	1.75	1.96	2.17	2.38	2.59	2.80
Weight (approx. kg)	29.0	33.0	37.0	41.0	44.0	50.0	53.0	57.0
Order no.	22210804	22210805	22210806	22210807	22210808	22210809	22210810	22210811
Order no. handrail right	0054771	0054772	0054773	0054774	0054775	0054776	0054777	0054778

Number of steps incl. platform	12	13	14	15	16	17	18	19
Standing height (approx. m)	2.52	2.73	2.94	3.15	3.36	3.57	3.78	3.99
Overhang (approx. m)	3.01	3.22	3.43	3.64	3.85	4.06	4.27	4.48
Weight (approx. kg)	61.0	65.0	69.0	73.0	76.0	81.0	84.0	89.0
Order no.	22210812	22210813	22210814	22210815	22210816	22210817	22210818	22210819
Order no. handrail right	0054779	0054780	0054781	0054782	0054783	0054784	0054785	0054786

Step width 1,000 mm

Number of steps incl. platform	4	5	6	7	8	9	10	11
Standing height (approx. m)	0.84	1.05	1.26	1.47	1.68	1.89	2.10	2.31
Overhang (approx. m)	1.33	1.54	1.75	1.96	2.17	2.38	2.59	2.80
Weight (approx. kg)	31.0	35.0	40.0	44.0	48.0	54.0	58.0	62.0
Order no.	22211004	22211005	22211006	22211007	22211008	22211009	22211010	22211011
Order no. handrail right	0054771	0054772	0054773	0054774	0054775	0054776	0054777	0054778

Number of steps incl. platform	12	13	14	15	16	17	18	19
Standing height (approx. m)	2.52	2.73	2.94	3.15	3.36	3.57	3.78	3.99
Overhang (approx. m)	3.01	3.22	3.43	3.64	3.85	4.06	4.27	4.48
Weight (approx. kg)	67.0	71.0	76.0	80.0	84.0	89.0	93.0	98.0
Order no.	22211012	22211013	22211014	22211015	22211016	22211017	22211018	22211019
Order no. handrail right	0054779	0054780	0054781	0054782	0054783	0054784	0054785	0054786



Note:
According to EN ISO 14122-3 (permanent means of access to machinery), these stairs are not permissible in residential buildings. The means of attachment for stationary assembly of the steps/platform steps/crossings must be provided on-site and are not included in the items supplied.

Note on European standard EN ISO 14122: For safety reasons, preference is to be given to stairs with a 45° inclination angle. If local conditions do not allow this for reasons of space or if the stairs are rarely used, a step angle of 60° can be selected.

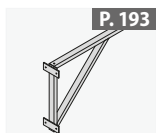
2220 Fixed stairway-ladder with platform, step angle 60°

- › **Step width optionally 600, 800 or 1,000 mm.**
- › For access ways to machines or machinery systems, a step width of 600 mm is only permitted in exceptional cases.
- › **Aluminium profile steps 200 mm deep**, alternatively aluminium or steel grating steps 240 mm deep at additional cost.
- › As standard with one **handrail**, mounted on the left, second handrail available at extra cost.
- › For access paths to machines or machinery systems, handrails on both sides are mandatory if the distance to the object is larger than 120 mm.
- › 1,100 mm high guardrail on the platform, with **knee and foot rail**.
- › **Platform length 500 mm**, extension in steps of 500 mm for aluminium profile steps and grating platforms. Where aluminium chequer plate is used intermediate sizes are possible. Platform lengths are limited to 2,500 mm in cantilever version.
- › Standard design with 2 **wall mounting brackets** at top and floor brackets at bottom, on request at top with suspension hook or bearing bracket at additional cost.
- › Triangular brackets must be used for side wall mounting (see on page 193), platform exit optionally on the left or on the right.
- › Intermediate sizes at price of next highest number of steps.
- › Permissible load of step 150 kg, permissible load total 150 kg/m² (max. 300 kg).
- › For use only by one person.
- › Not available on stock, production on order, therefore, no exchange possible.
- › Shipped in subassemblies pre-assembled in the factory.

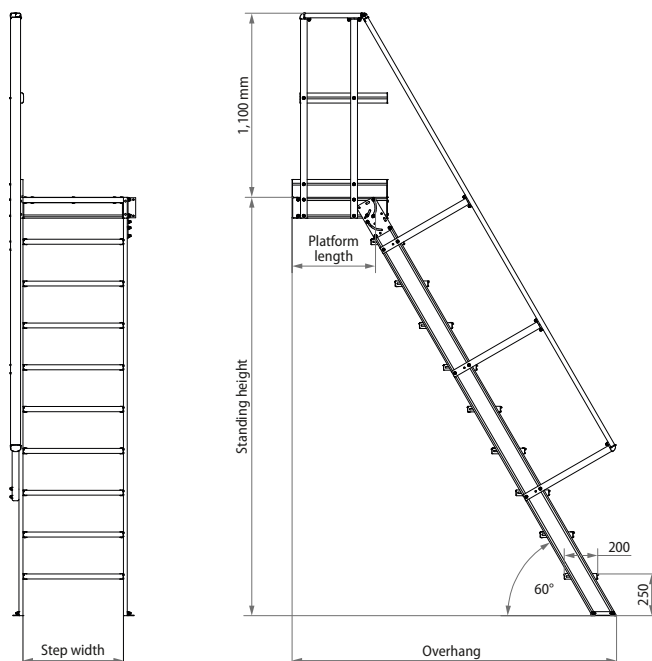


- › **Outer step width incl. single handrail = step width + 100 mm, or step width + 150 mm with handrail on both sides**

Recommended accessory:



Triangular bracket



Step width 600 mm

Number of steps incl. platform	4	5	6	7	8	9	10	11	12
Standing height (approx. m)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
Overhang (approx. m)	1.07	1.22	1.36	1.51	1.65	1.79	1.94	2.08	2.23
Weight (approx. kg)	22.0	24.0	27.0	30.0	34.0	36.0	39.0	42.0	45.0
Order no.	22200604	22200605	22200606	22200607	22200608	22200609	22200610	22200611	22200612
Order no. handrail right	0054787	0054788	0054789	0054790	0054791	0054792	0054793	0054794	0054795

Number of steps incl. platform	13*	14*	15*	16*	17*	18*	19*	20*	21*
Standing height (approx. m)	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25
Overhang (approx. m)	2.37	2.52	2.66	2.80	2.95	3.09	3.24	3.38	3.53
Weight (approx. kg)	48.0	51.0	54.0	57.0	60.0	62.0	65.0	68.0	71.0
Order no.	22200613	22200614	22200615	22200616	22200617	22200618	22200619	22200620	22200621
Order no. handrail right	0054796	0054797	0054798	0054799	0054800	0054801	0054802	0054803	0054804

Step width 800 mm

Number of steps incl. platform	4	5	6	7	8	9	10	11	12
Standing height (approx. m)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
Overhang (approx. m)	1.07	1.22	1.36	1.51	1.65	1.79	1.94	2.08	2.23
Weight (approx. kg)	25.0	27.0	30.0	33.0	38.0	40.0	44.0	47.0	51.0
Order no.	22200804	22200805	22200806	22200807	22200808	22200809	22200810	22200811	22200812
Order no. handrail right	0054787	0054788	0054789	0054790	0054791	0054792	0054793	0054794	0054795

Number of steps incl. platform	13*	14*	15*	16*	17*	18*	19*	20*	21*
Standing height (approx. m)	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25
Overhang (approx. m)	2.37	2.52	2.66	2.80	2.95	3.09	3.24	3.38	3.53
Weight (approx. kg)	54.0	57.0	61.0	64.0	67.0	70.0	74.0	77.0	80.0
Order no.	22200813	22200814	22200815	22200816	22200817	22200818	22200819	22200820	22200821
Order no. handrail right	0054796	0054797	0054798	0054799	0054800	0054801	0054802	0054803	0054804

Step width 1,000 mm

Number of steps incl. platform	4	5	6	7	8	9	10	11	12
Standing height (approx. m)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
Overhang (approx. m)	1.07	1.22	1.36	1.51	1.65	1.79	1.94	2.08	2.23
Weight (approx. kg)	28.0	30.0	33.0	36.0	41.0	44.0	48.0	52.0	56.0
Order no.	22201004	22201005	22201006	22201007	22201008	22201009	22201010	22201011	22201012
Order no. handrail right	0054787	0054788	0054789	0054790	0054791	0054792	0054793	0054794	0054795

Number of steps incl. platform	13*	14*	15*	16*	17*	18*	19*	20*	21*
Standing height (approx. m)	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25
Overhang (approx. m)	2.37	2.52	2.66	2.80	2.95	3.09	3.24	3.38	3.53
Weight (approx. kg)	60.0	63.0	67.0	71.0	74.0	78.0	82.0	85.0	89.0
Order no.	22201013	22201014	22201015	22201016	22201017	22201018	22201019	22201020	22201021
Order no. handrail right	0054796	0054797	0054798	0054799	0054800	0054801	0054802	0054803	0054804

* According to EN ISO 14122 an intermediate platform of at least 1 m length is required over 3 m vertical height. The additional cost is available on request.

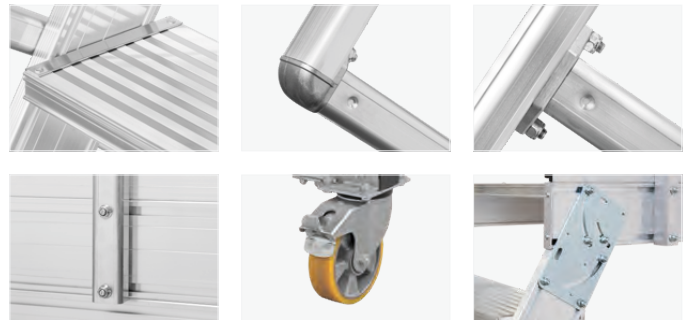


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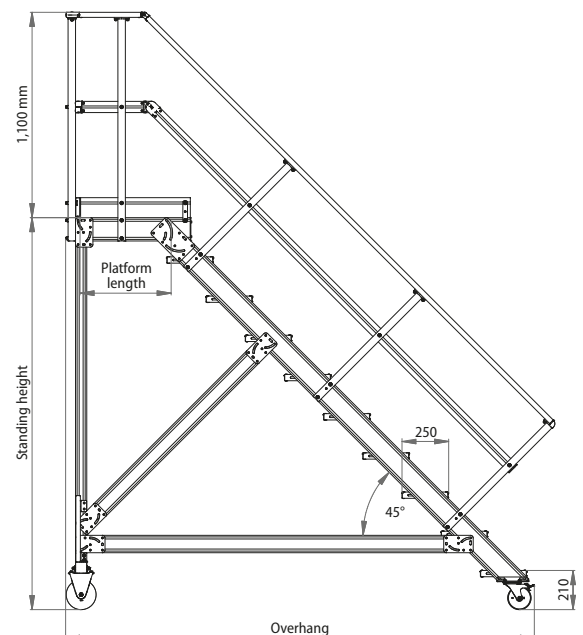
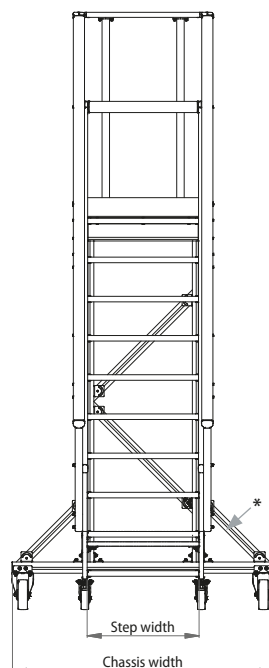


2231 Mobile podium, step angle 45°

- › Step width optionally 600, 800 or 1,000 mm.
- › Aluminium profile steps 250 mm deep, alternatively aluminium or steel grating steps 240 mm deep at additional cost.
- › Handrails on both sides as a standard.
- › 1,100 mm high guardrail on platform with knee and foot rail.
- › Platform length 500 mm. Extension for aluminium profile steps and grating platforms in steps of 500 mm. Where aluminium chequer plate is used intermediate sizes are possible.
- › Front or side exit on request.
- › Chassis on step section = Ø 125 mm castors with brakes, chassis on support section = mobile cross-beam with Ø 160 mm fixed castor.
- › Low play castor bearings, therefore extremely stable.
- › Permissible load total 150 kg.
- › For use only by one person.
- › Not available on stock, production on order, therefore, no exchange possible.
- › Shipped in subassemblies pre-assembled in the factory.



- › Outer step width incl. handrail on both sides = step width + 150 mm



Step width 600 mm

Number of steps incl. platform	4	6	8	10	12*	14*	16*	18*
Standing height (approx. m)	0.84	1.26	1.68	2.10	2.52	2.94	3.36	3.78
Reach height (approx. m)	2.84	3.26	3.68	4.10	4.52	4.94	5.36	5.78
Chassis width (approx. m)	1.00	1.00	1.00	1.20	1.80	1.80	2.00	2.20
Overhang (approx. m)	1.62	1.92	2.21	2.51	2.81	3.11	3.40	3.70
Weight (approx. kg)	57.0	75.0	88.0	106.0	122.0	140.0	154.0	172.0
Order no.	22310604	22310606	22310608	22310610	22310612	22310614	22310616	22310618

Step width 800 mm

Number of steps incl. platform	4	6	8	10	12*	14*	16*	18*
Standing height (approx. m)	0.84	1.26	1.68	2.10	2.52	2.94	3.36	3.78
Reach height (approx. m)	2.84	3.26	3.68	4.10	4.52	4.94	5.36	5.78
Chassis width (approx. m)	1.00	1.00	1.00	1.20	1.80	1.80	2.00	2.20
Overhang (approx. m)	1.62	1.92	2.21	2.51	2.81	3.11	3.40	3.70
Weight (approx. kg)	62.0	81.0	95.0	113.0	131.0	150.0	167.0	182.0
Order no.	22310804	22310806	22310808	22310810	22310812	22310814	22310816	22310818

Step width 1,000 mm

Number of steps incl. platform	4	6	8	10	12	14	16*	18*
Standing height (approx. m)	0.84	1.26	1.68	2.10	2.52	2.94	3.36	3.78
Reach height (approx. m)	2.84	3.26	3.68	4.10	4.52	4.94	5.36	5.78
Chassis width (approx. m)	1.20	1.20	1.20	1.20	1.80	1.80	1.80	2.00
Overhang (approx. m)	1.62	1.92	2.21	2.51	2.81	3.11	3.40	3.70
Weight (approx. kg)	66.0	78.0	103.0	120.0	139.0	160.0	175.0	197.0
Order no.	22311004	22311006	22311008	22311010	22311012	22311014	22311016	22311018

* With additional side reinforcement for cross-beam.

For an explanation of standing/reach height see on page 5.

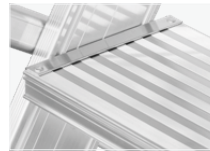


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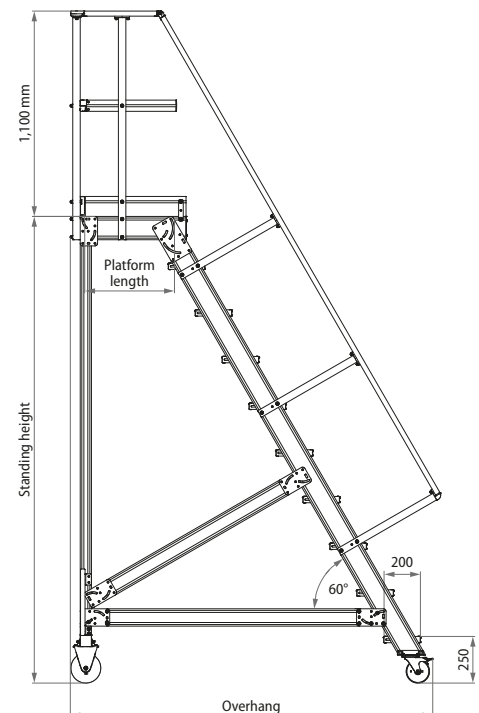
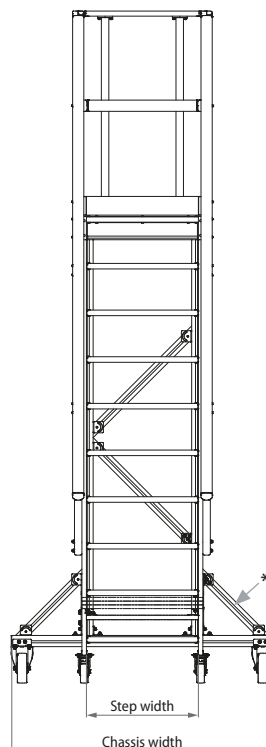


2230 Mobile podium, step angle 60°

- › Step width optionally 600, 800 or 1,000 mm.
- › Aluminium profile steps 200 mm deep, alternatively aluminium or steel grating steps 240 mm deep at additional cost.
- › Handrails on both sides as a standard.
- › 1,100 mm high guardrail on platform with knee and foot rail.
- › Platform length 500 mm. Extension for aluminium profile steps and grating platforms in steps of 500 mm. Where aluminium chequer plate is used intermediate sizes are possible.
- › Front or side exit on request.
- › Chassis on step section = Ø 125 mm diameter castors with brakes, chassis on support section = mobile cross-beam with Ø 160 mm fixed castor.
- › Low play castor bearings, therefore extremely stable.
- › Permissible load total 150 kg.
- › For use only by one person.
- › Not available on stock, production on order, therefore, no exchange possible.
- › Shipped in subassemblies pre-assembled in the factory.



- › Outer step width incl. handrail on both sides = step width + 150 mm.



Step width 600 mm

Number of steps incl. platform	4	6	8	10	12*	14*	16*
Standing height (approx. m)	1.00	1.50	2.00	2.50	3.00	3.50	4.00
Reach height (approx. m)	3.00	3.50	4.00	4.50	5.00	5.50	6.00
Chassis width (approx. m)	1.00	1.00	1.20	1.20	1.80	2.00	2.20
Overhang (approx. m)	1.08	1.37	1.66	1.94	2.23	2.52	2.81
Weight (approx. kg)	53.0	66.0	81.0	107.0	158.0	162.0	187.0
Order no.	22300604	22300606	22300608	22300610	22300612	22300614	22300616

Step width 800 mm

Number of steps incl. platform	4	6	8	10	12*	14*	16*
Standing height (approx. m)	1.00	1.50	2.00	2.50	3.00	3.50	4.00
Reach height (approx. m)	3.00	3.50	4.00	4.50	5.00	5.50	6.00
Chassis width (approx. m)	1.00	1.00	1.00	1.20	2.00	2.00	2.20
Overhang (approx. m)	1.08	1.37	1.66	1.94	2.23	2.52	2.81
Weight (approx. kg)	58.0	74.0	86.0	103.0	150.0	167.0	181.0
Order no.	22300804	22300806	22300808	22300810	22300812	22300814	22300816

Step width 1,000 mm

Number of steps incl. platform	4	6	8	10	12	14*	16*
Standing height (approx. m)	1.00	1.50	2.00	2.50	3.00	3.50	4.00
Reach height (approx. m)	3.00	3.50	4.00	4.50	5.00	5.50	6.00
Chassis width (approx. m)	1.20	1.20	1.20	1.20	1.60	1.80	2.00
Overhang (approx. m)	1.08	1.37	1.66	1.94	2.23	2.52	2.81
Weight (approx. kg)	61.0	79.0	93.0	109.0	162.0	164.0	179.0
Order no.	22301004	22301006	22301008	22301010	22301012	22301014	22301016

* With additional side reinforcement for cross-beam.

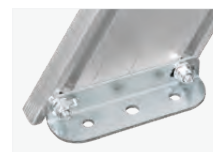
For an explanation of standing/reach height see on page 5.



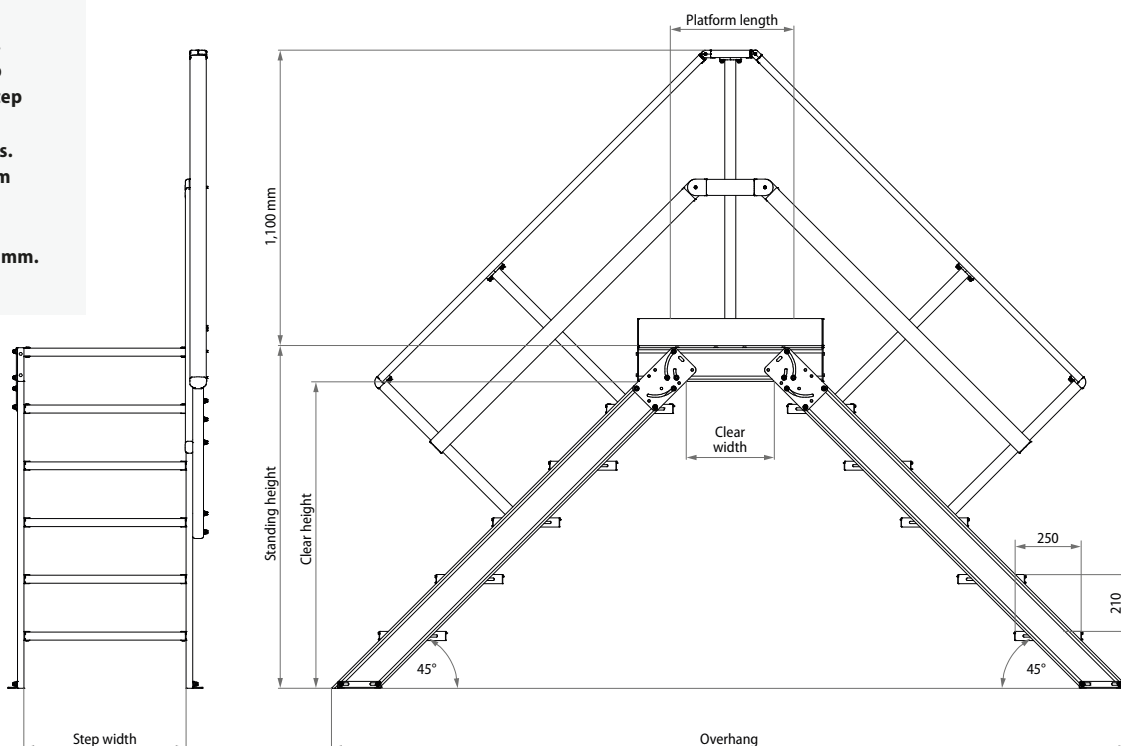
Note:
Please note that the crossings type 2240/2241 in case of application always need to be fixed.

2241 Fixed crossing, step angle 45°

- › **Step width optionally 600, 800 or 1,000 mm.**
- › For access ways to machines or machinery systems, a step width of 600 mm is only permitted in exceptional cases.
- › **Aluminium profile steps 250 mm deep**, alternatively aluminium or steel grating steps 240 mm deep at additional cost.
- › As standard with one **handrail**, mounted on the left, second handrail available at extra cost.
- › For access paths to machines or machinery systems, handrails on both sides are mandatory if the distance to the object is larger than 120 mm.
- › 1,100 mm high guardrail on the platform, with **knee and foot rail**.
- › **Platform length 500 mm.** Extension for aluminium profile steps and grating platforms in steps of 500 mm. Where aluminium chequer plate is used intermediate sizes are possible.
- › Platform lengths restricted in cantilever version.
- › Standard design with **floor bracket at bottom**, mandatory bolting to the floor.
- › Intermediate sizes at price of next highest number of steps.
- › Permissible load of step 150 kg, permissible load total 150 kg/m² (max. 300 kg).
- › For use only by one person.
- › Not available on stock, production on order, therefore, no exchange possible.
- › Shipped in subassemblies pre-assembled in the factory.



- › **Outer step width incl. single handrail = step width + 100 mm, or step width + 150 mm with handrail on both sides.**
- › **Clear width = platform length - 175 mm.**
- › **Clearance = Platform height - 125 mm.**



Step width 600 mm

Number of steps incl. platform	3	4	5	6	7	8	9	10	11
Standing height (approx. m)	0.63	0.84	1.05	1.26	1.47	1.68	1.89	2.10	2.31
Clear height (approx. m)	0.51	0.72	0.93	1.14	1.35	1.56	1.77	1.98	2.19
Overhang (approx. m)	1.70	2.12	2.54	2.96	3.38	3.80	4.22	4.64	5.06
Weight (approx. kg)	36.0	42.0	49.0	56.0	63.0	72.0	78.0	85.0	92.0
Order no.	22410603	22410604	22410605	22410606	22410607	22410608	22410609	22410610	22410611
Order no. handrail right	0054807	0054808	0054809	0054810	0054811	0054812	0054813	0054814	0054815

Step width 800 mm

Number of steps incl. platform	3	4	5	6	7	8	9	10	11
Standing height (approx. m)	0.63	0.84	1.05	1.26	1.47	1.68	1.89	2.10	2.31
Clear height (approx. m)	0.51	0.72	0.93	1.14	1.35	1.56	1.77	1.98	2.19
Overhang (approx. m)	1.70	2.12	2.54	2.96	3.38	3.80	4.22	4.64	5.06
Weight (approx. kg)	38.0	44.0	52.0	59.0	67.0	76.0	83.0	90.0	98.0
Order no.	22410803	22410804	22410805	22410806	22410807	22410808	22410809	22410810	22410811
Order no. handrail right	0054807	0054808	0054809	0054810	0054811	0054812	0054813	0054814	0054815

Step width 1,000 mm

Number of steps incl. platform	3	4	5	6	7	8	9	10	11
Standing height (approx. m)	0.63	0.84	1.05	1.26	1.47	1.68	1.89	2.10	2.31
Clear height (approx. m)	0.51	0.72	0.93	1.14	1.35	1.56	1.77	1.98	2.19
Overhang (approx. m)	1.70	2.12	2.54	2.96	3.38	3.80	4.22	4.64	5.06
Weight (approx. kg)	39.0	48.0	54.0	62.0	70.0	80.0	87.0	95.0	103.0
Order no.	22411003	22411004	22411005	22411006	22411007	22411008	22411009	22411010	22411011
Order no. handrail right	0054807	0054808	0054809	0054810	0054811	0054812	0054813	0054814	0054815

Mobile version with braces and cross-beams possible on request.

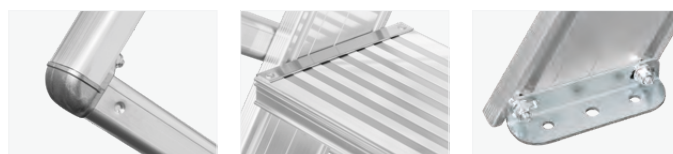


Note:
Please note that the crossings type 2240/2241 in case of application always need to be fixed.

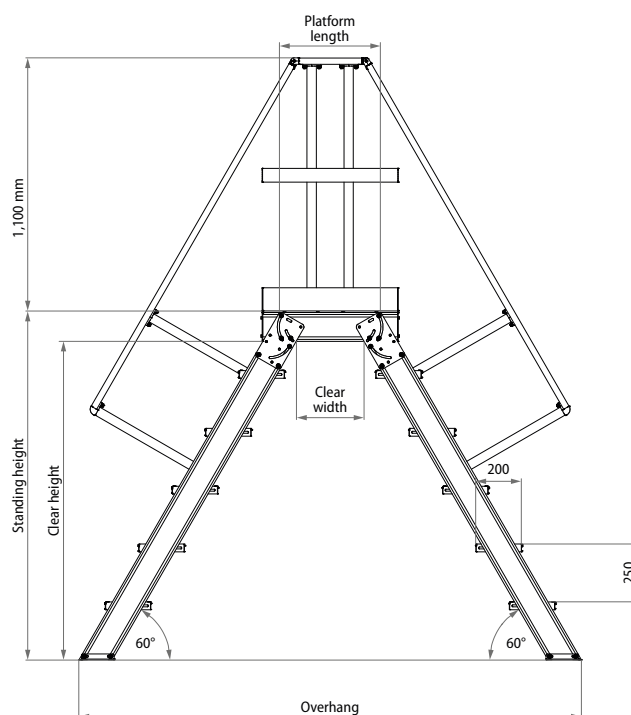
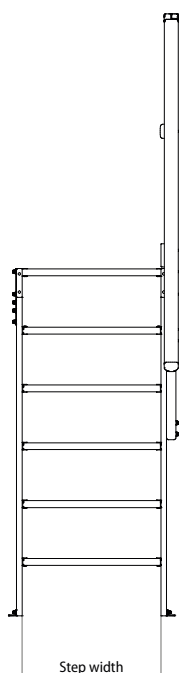
Note on European standard EN ISO 14122: For safety reasons, preference is to be given to stairs with a 45° inclination angle. If local conditions do not allow this for reasons of space or if the stairs are rarely used, a step angle of 60° can be selected.

2240 Fixed crossing, step angle 60°

- › Step width optionally 600, 800 or 1,000 mm.
- › Aluminium profile steps 200 mm deep, alternatively aluminium or steel grating steps 240 mm deep at additional cost.
- › For access ways to machines or machinery systems, a step width of 600 mm is only permitted in exceptional cases.
- › As standard with one **handrail**, mounted on the left, second handrail available at extra cost.
- › For access paths to machines or machinery systems, handrails on both sides are mandatory if the distance to the object is larger than 120 mm.
- › 1,100 mm high guardrail on the platform, with **knee and foot rail**.
- › **Platform length 500 mm.** Extension for aluminium profile steps and grating platforms in steps of 500 mm. Where aluminium chequer plate is used intermediate sizes are possible.
- › Platform lengths restricted in cantilever version.
- › Standard design with **floor bracket at bottom**, mandatory bolting to the floor.
- › Intermediate sizes at price of next highest number of steps.
- › Permissible load of step 150 kg, permissible load total 150 kg/m² (max. 300 kg).
- › For use only by one person.
- › Not available on stock, production on order, therefore, no exchange possible.
- › Shipped in subassemblies pre-assembled in the factory.



- › Outer step width incl. single handrail = step width + 100 mm, or step width + 150 mm with handrail on both sides.
- › Clear width = platform length - 210 mm.
- › Clearance = Platform height - 125 mm.



Step width 600 mm

Number of steps incl. platform	3	4	5	6	7	8	9	10	11
Standing height (approx. m)	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75
Clear height (approx. m)	0.63	0.88	1.13	1.38	1.63	1.88	2.13	2.38	2.63
Overhang (approx. m)	1.30	1.59	1.88	2.17	2.46	2.75	3.04	3.33	3.62
Weight (approx. kg)	28.0	33.0	39.0	45.0	50.0	57.0	63.0	68.0	74.0
Order no.	22400603	22400604	22400605	22400606	22400607	22400608	22400609	22400610	22400611
Order no. handrail right	0054816	0054817	0054818	0054819	0054820	0054821	0054822	0054823	0054824

Step width 800 mm

Number of steps incl. platform	3	4	5	6	7	8	9	10	11
Standing height (approx. m)	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75
Clear height (approx. m)	0.63	0.88	1.13	1.38	1.63	1.88	2.13	2.38	2.63
Overhang (approx. m)	1.30	1.59	1.88	2.17	2.46	2.75	3.04	3.33	3.62
Weight (approx. kg)	30.0	35.0	42.0	48.0	53.0	61.0	67.0	73.0	79.0
Order no.	22400803	22400804	22400805	22400806	22400807	22400808	22400809	22400810	22400811
Order no. handrail right	0054816	0054817	0054818	0054819	0054820	0054821	0054822	0054823	0054824

Step width 1,000 mm

Number of steps incl. platform	3	4	5	6	7	8	9	10	11
Standing height (approx. m)	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75
Clear height (approx. m)	0.63	0.88	1.13	1.38	1.63	1.88	2.13	2.38	2.63
Overhang (approx. m)	1.30	1.59	1.88	2.17	2.46	2.75	3.04	3.33	3.62
Weight (approx. kg)	31.0	37.0	44.0	52.0	56.0	64.0	71.0	77.0	84.0
Order no.	22401003	22401004	22401005	22401006	22401007	22401008	22401009	22401010	22401011
Order no. handrail right	0054816	0054817	0054818	0054819	0054820	0054821	0054822	0054823	0054824

Mobile version with braces and cross-beams possible on request.



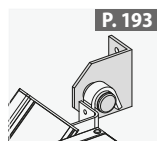
Note:
Product may only
be used when secured
with suspension hooks.

8058 Stairs without platform, step angle 68°

- › Leaning stairs with handrail on both sides.
- › Ladder width 500 mm.
- › Step depth 80 mm and step distance 230 mm.
- › Suspension hooks Ø 30 mm.



Recommended accessory:



Suspension set

- › Order no. 0054835

10
YEAR
GUARANTEE

★ ★ ★
MADE IN
GERMANY

Number of steps	5	6	7	8	9	10	11	12	13	14	15
Ladder length (approx. m)	1.27	1.52	1.77	2.02	2.27	2.52	2.77	3.02	3.27	3.52	3.77
Standing height (approx. m)	1.14	1.37	1.61	1.84	2.07	2.30	2.53	2.76	3.00	3.23	3.50
Reach height (approx. m)	3.14	3.37	3.61	3.84	4.07	4.30	4.53	4.76	5.00	5.23	5.50
Overhang (approx. m)	0.55	0.64	0.74	0.83	0.92	1.02	1.11	1.21	1.30	1.39	1.49
Weight (approx. kg)	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5	15.5	16.5	17.5
Order no.	805805	805806	805807	805808	805809	805810	805811	805812	805813	805814	805815

For an explanation of standing/reach height see on page 5.



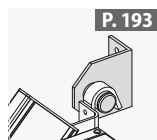
Note:
This ladder is not a leaning
ladder as stipulated
by EN 131-1 and may
not be leaned on freely.
It may be used only when
hooked in place.

8060 Stairs with platform, step angle 68°

- › Leaning stairs with handrail on both sides and guardrail.
- › Ladder width 500 mm.
- › Step depth 80 mm and step distance 230 mm.
- › Platform depth 450 mm.
- › Suspension hooks Ø 35 mm.



Recommended accessory:



Suspension set

- › Order no. 0054835

10
YEAR
GUARANTEE

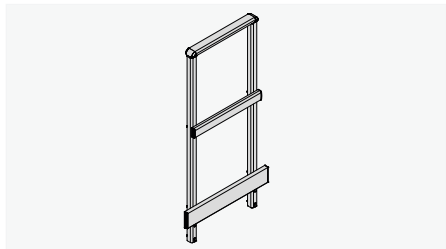
★ ★ ★
MADE IN
GERMANY

Number of steps incl. platform	5	6	7	8	9	10	11	12	13	14	15
Ladder length (approx. m)	1.20	1.45	1.70	1.95	2.20	2.45	2.70	2.95	3.20	3.45	3.70
Standing height (approx. m)	1.15	1.38	1.61	1.85	2.08	2.31	2.54	2.77	3.00	3.24	3.47
Reach height (approx. m)	3.15	3.38	3.61	3.85	4.08	4.31	4.54	4.77	5.00	5.24	5.47
Overhang (approx. m)	0.92	1.01	1.11	1.20	1.29	1.39	1.48	1.57	1.67	1.76	1.86
Weight (approx. kg)	12.0	13.3	14.5	15.8	17.0	18.3	19.5	20.8	22.0	23.3	24.5
Order no.	806005	806006	806007	806008	806009	806010	806011	806012	806013	806014	806015

For an explanation of standing/reach height see on page 5.

Accessories and spare parts for stairs, platforms and crossings

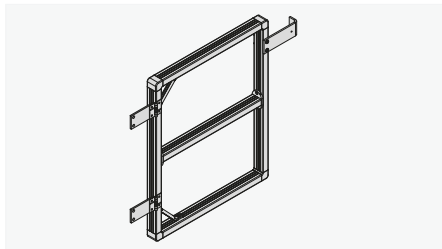
Front guardrail



For type	2220+2221		
Type	alu	alu	alu
For platform width (mm)	600	800	1,000
Order no.	22990030	22990031	22990032

- › Guardrail screwable to the platform.

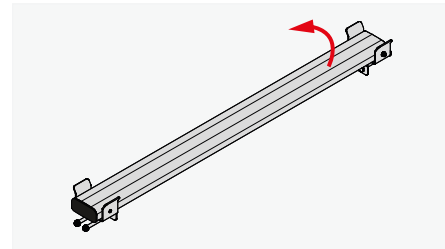
Safety gate, self-closing



For width (mm)	600	800	1,000
Type	alu	alu	alu
Order no.	22990040	22990041	22990042

- › Side of access is additionally protected.
- › Either mountable to the right or left side.
- › Note: Can only be fitted to 2220, 2221, 2230 and 2231 as from a platform length (custom size) of 1.5xwidth and guardrails on both sides.

Barrier, self-closing



For width (mm)	600	800	1,000
Type	alu	alu	alu
Order no.	22990050	22990051	22990052

- › Opens to the top at approx. 85°.
- › Can be fitted to 2220/2221, 2230/2231 between horizontal guardrails on both sides.

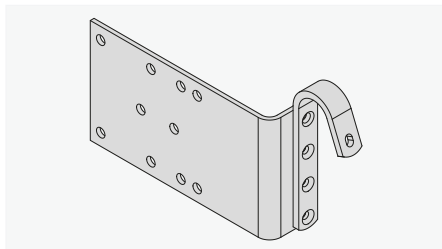
Locking chain with carabiner clip



For width (mm)	600+800+1,000
Type	steel
Order no.	22990060

- › Side of access is additionally protected.

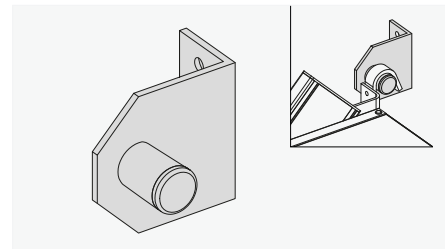
Suspension hook set



For type	2210+2211		
Type	from steel, galvanized		
Hook size (approx. mm)	30	60	100
Order no.	0055175	0055176	0055177

- › Contents: 2 angle brackets and 2 suspension hooks incl. fastening material.

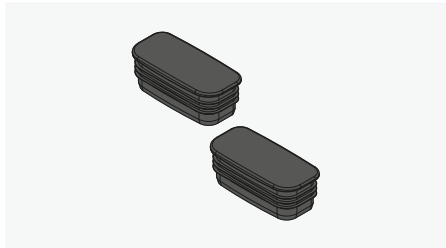
Suspension set



Height plate (approx. mm)	93
Type	alu
Order no.	0054835

- › To fit suspension hooks with diameters of 30, 60 and 100 mm.
- › Self assembly by using tools.
- › Contents: 2 suspensions.

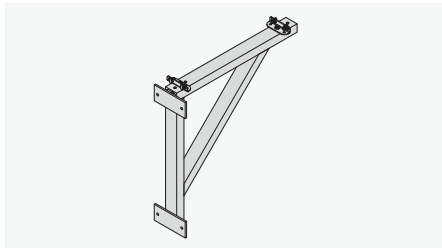
Spare parts set handrail covers



For type	2210+2211+2220+2221 +2230+2231+2240+2241 +2271+8058+8060
Type	plastic
Order no.	0054833

- › Self assembly, no tools required.
- › Contents: 2 covers.

Triangular bracket



For type	2220+2221		
Type	from steel, hot-dip galvanised		
For step width (mm)	600	800	1,000
Order no.	22990020	22990021	22990022

- › For lateral wall installation.
- › Without wall fastening material, incl. 2 mounting brackets to receive platform.
- › Produced in accordance with EN 1090.

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We provide intelligent systems

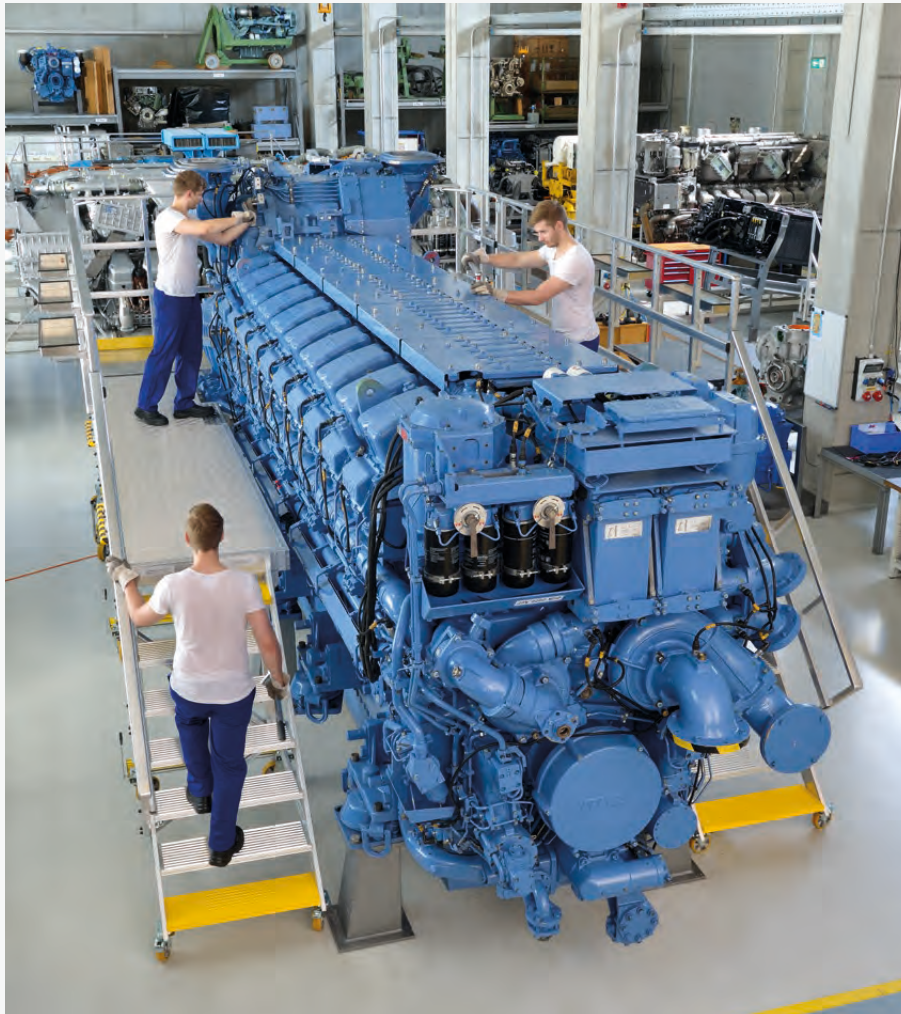
Thanks to our many years of experience in the field of special designs, we can provide you with intelligent options which have proven themselves in practice many times over. In doing so, we always take direction from your presentation of a problem, and for each project and every detail we find an individual and customised solution. Our designs are based on a high-quality and well-conceived modular system. On the basis of this intelligent system, and if necessary even beyond this, we develop designs which make optimum use of the given options – also, and above all, when standard solutions are no longer feasible.



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We definitely have a solution to meet your needs.

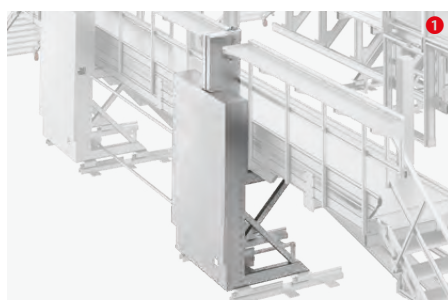
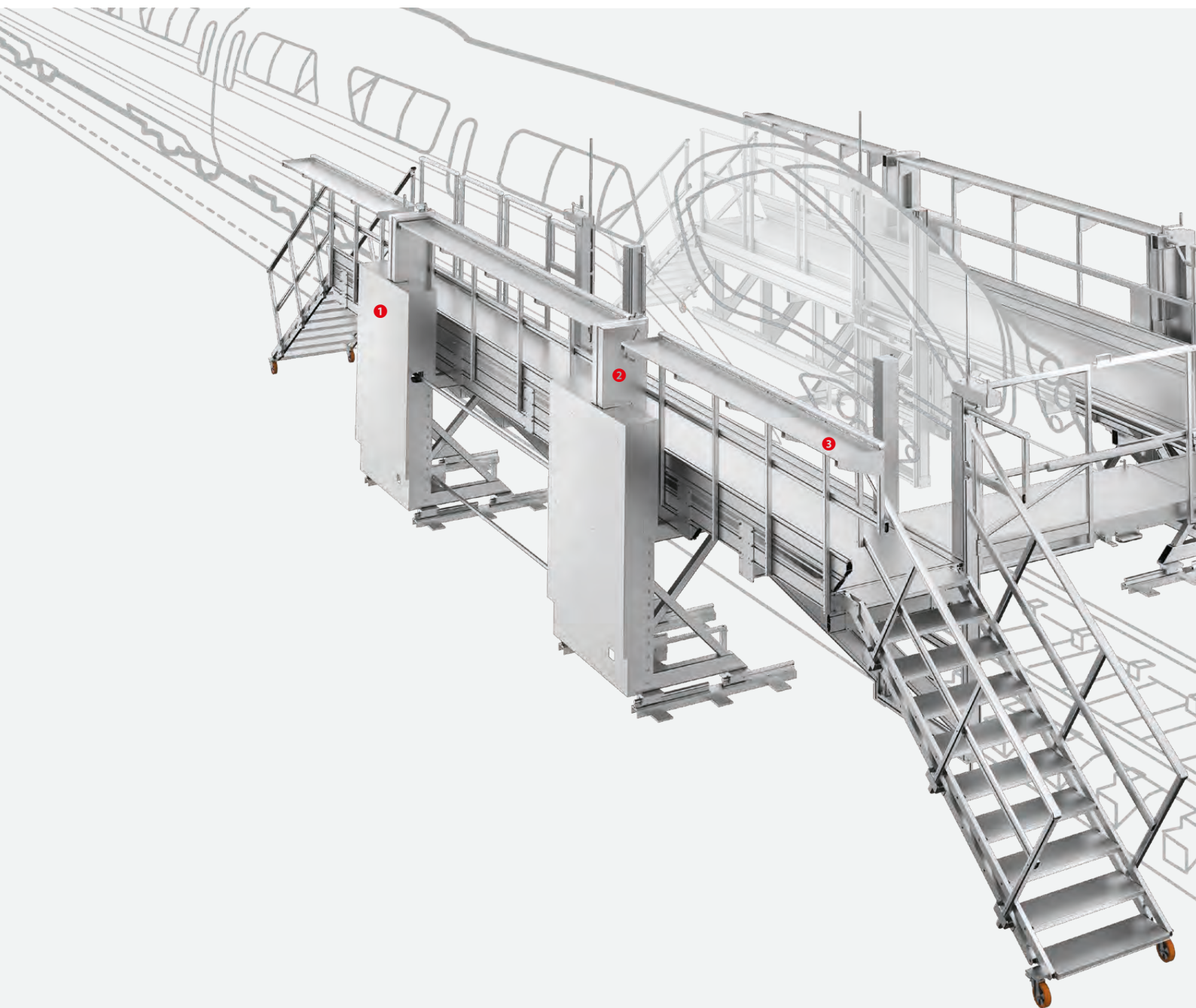


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Application example: Adaptable assembly platform



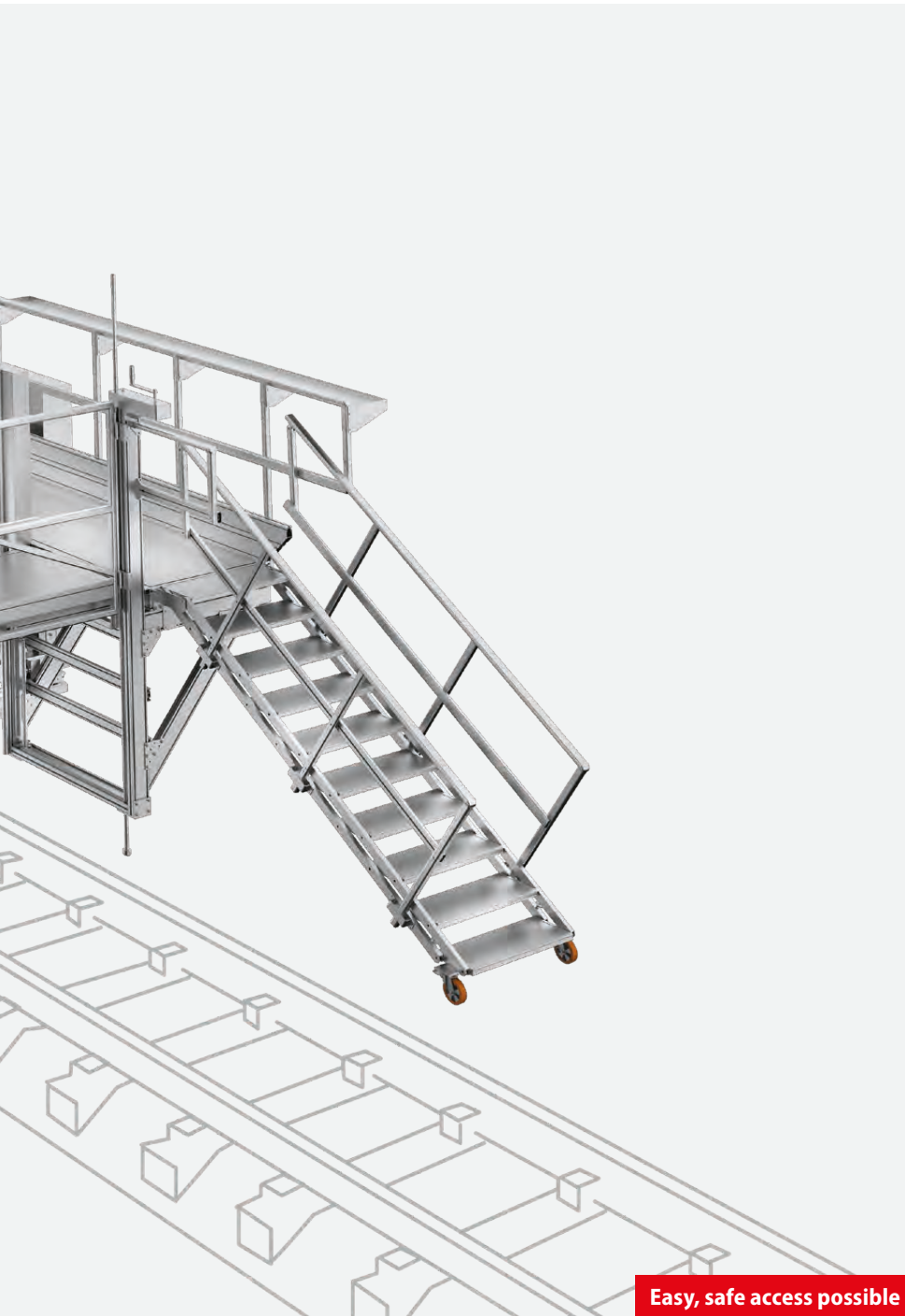
Flexible adjustment options in height and position



Operation directly from the platform



Convenient storage shelves for tools



Task

For work on the sides, front, and rear of various types of vehicles such as buses, rail vehicles, recreational vehicles and commercial vehicles, an adaptable platform was to be developed.

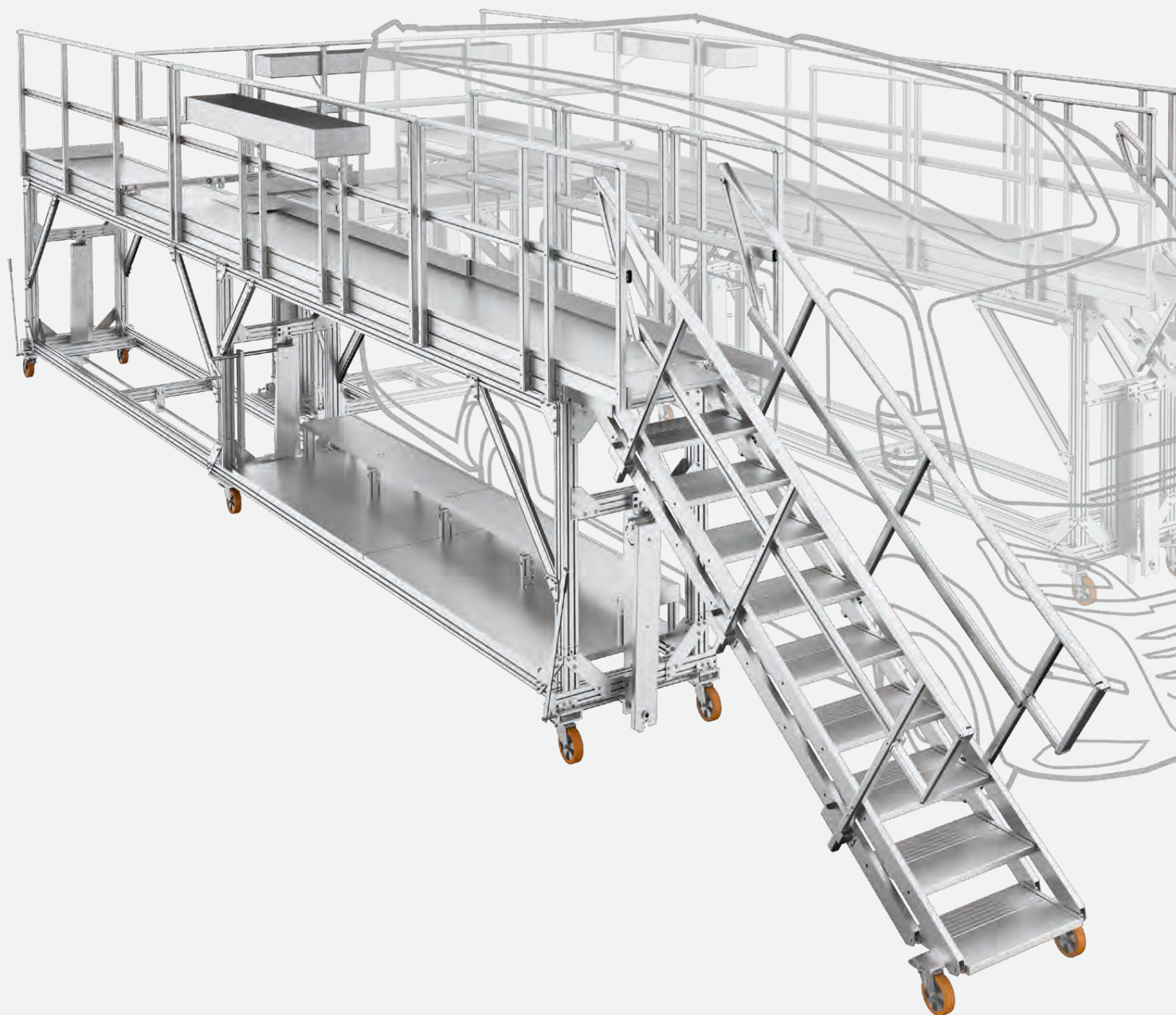
Solution

Under consideration of the changing requirements in the manufacturing or maintenance of these vehicles, we designed a work platform adaptable in length, width and height. Thus it is possible to respond to the changing dimensions of different vehicle types. The required dimension can be easily configured from the platform.

Technical data

Platform length on either side	9,900 mm
Platform width	900 mm
Height retracted/extended	1,500/2,100 mm

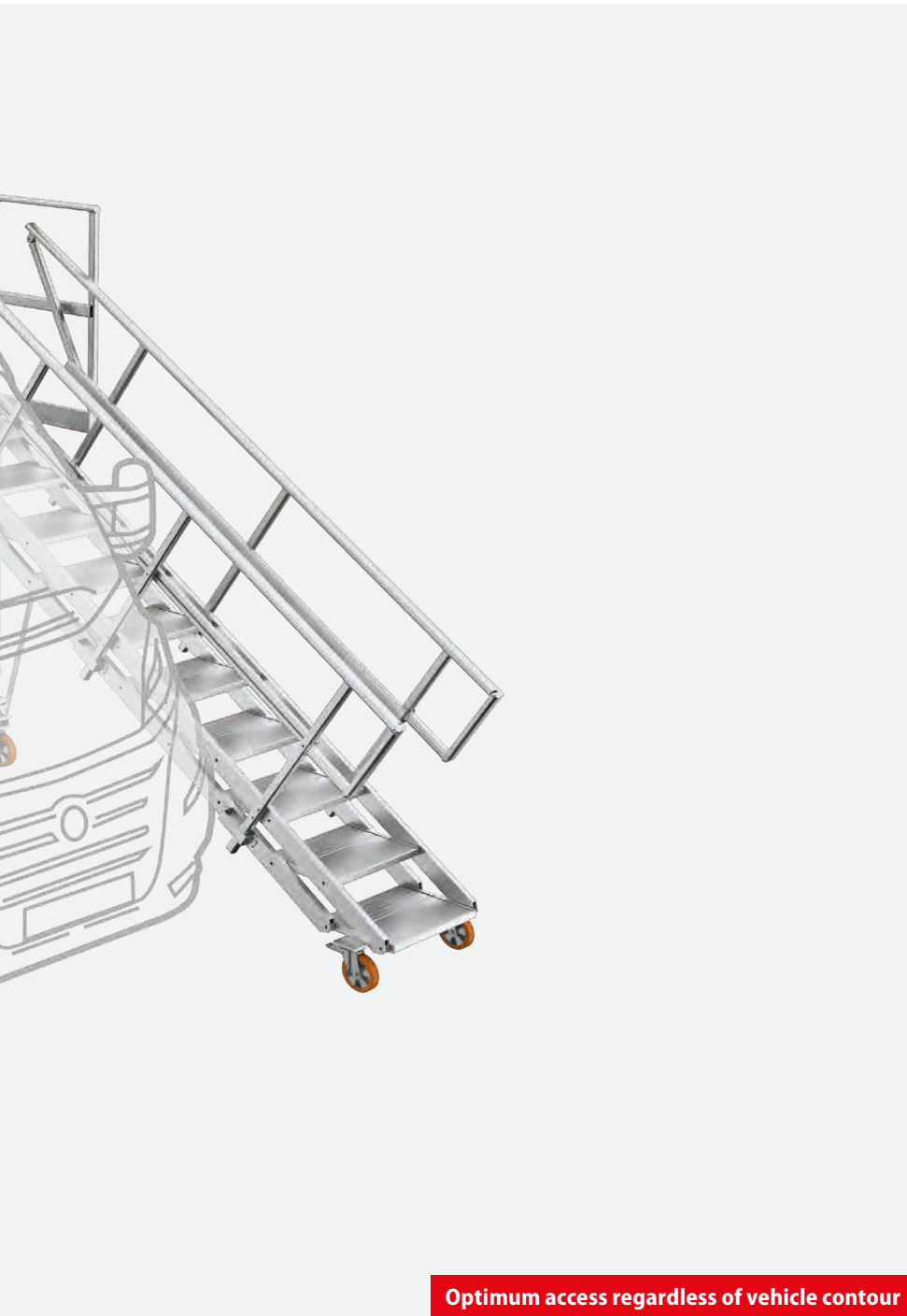
Application example: Work platform for assembly activities



Practical tool trays



Centrally braked castors on each axis



Task

For assembly activities on the sides, rear and roof of motorhomes, a caravan manufacturer requires a suitable work platform.

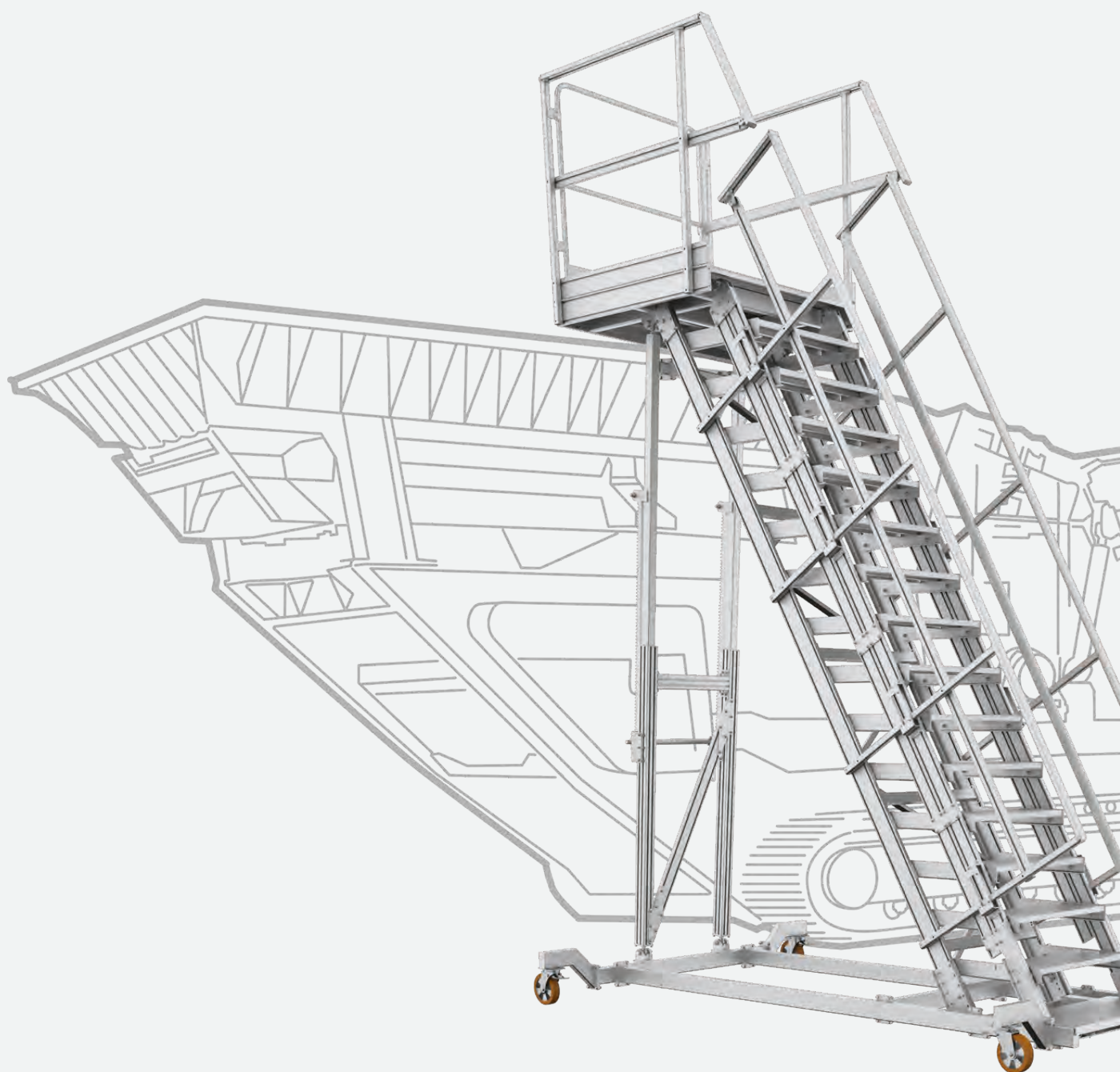
Solution

The customer receives a work platform which is height-adjustable on multiple sides and simultaneously enables optimum access for assembly activities on the sides, rear and roof of the vehicle. The height is mechanically adjusted using a self-locking rack-and-pinion drive, which is operated by a hand crank. The length of the work platform's transverse intermediate element can be adjusted, so that vehicles of various widths can be processed. Additionally, it is equipped with multiple pullouts, which enable the platform to be optimally adapted to the shape of the vehicle's rear. Further supplementary features such as tool trays, insertable rail elements, centrally braked castors, anti-fatigue flooring, shock protection devices and security markings round out the functions of the work platform.

Technical data

Platform length	2×8,800 mm and 1×2,350 mm
Platform width	800 mm
Vertical height	1,600 – 2,500 mm (steplessly adjustable)

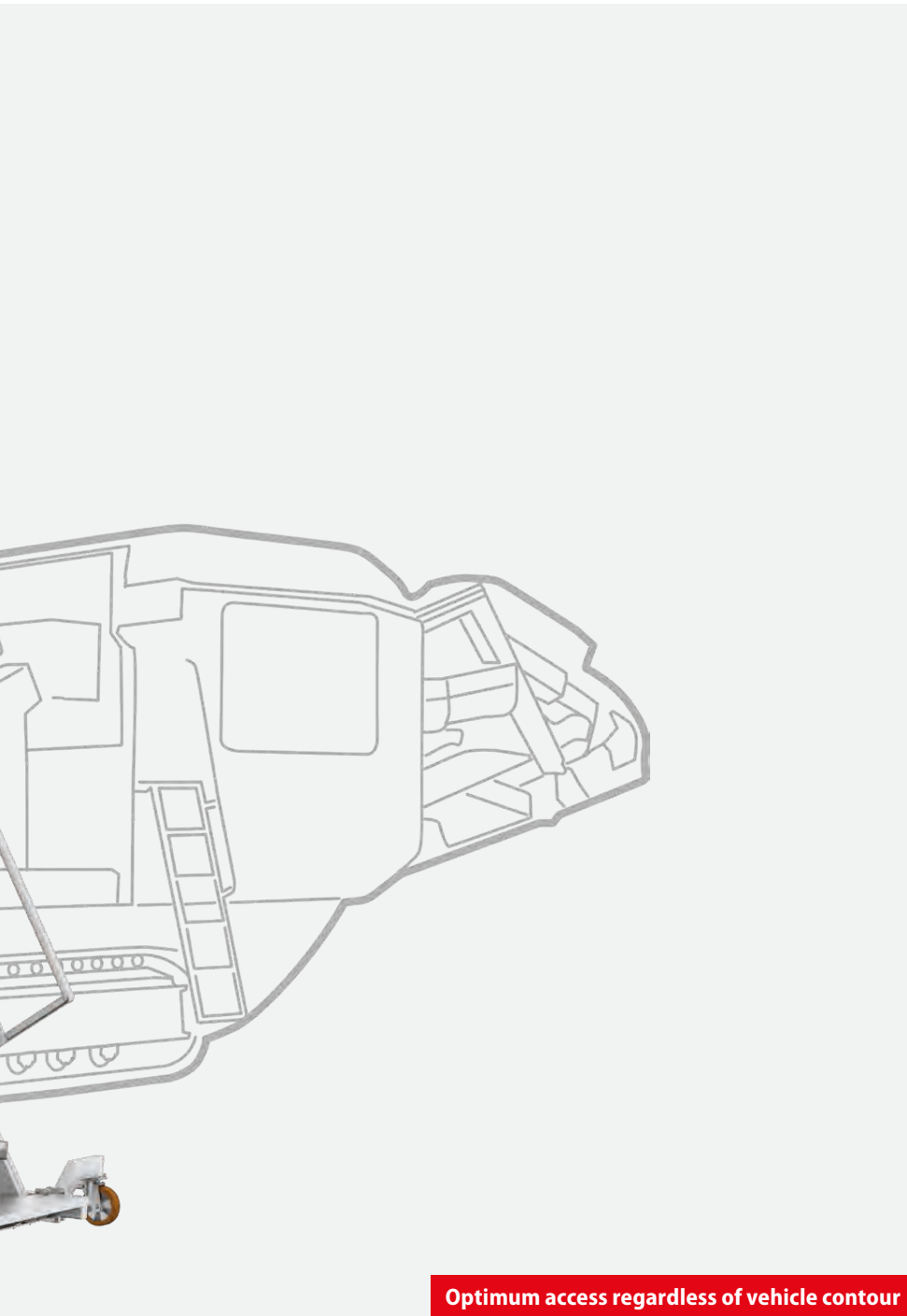
Application example: Height-adjustable mobile platform



Solid base frame for maximum stability and durability



Vertical adjustment for stepless adaptation of the standing height

**Task**

Assembly platform for safe and flexible final assembly of various components on different types of mobile stone crushers inside and outside.

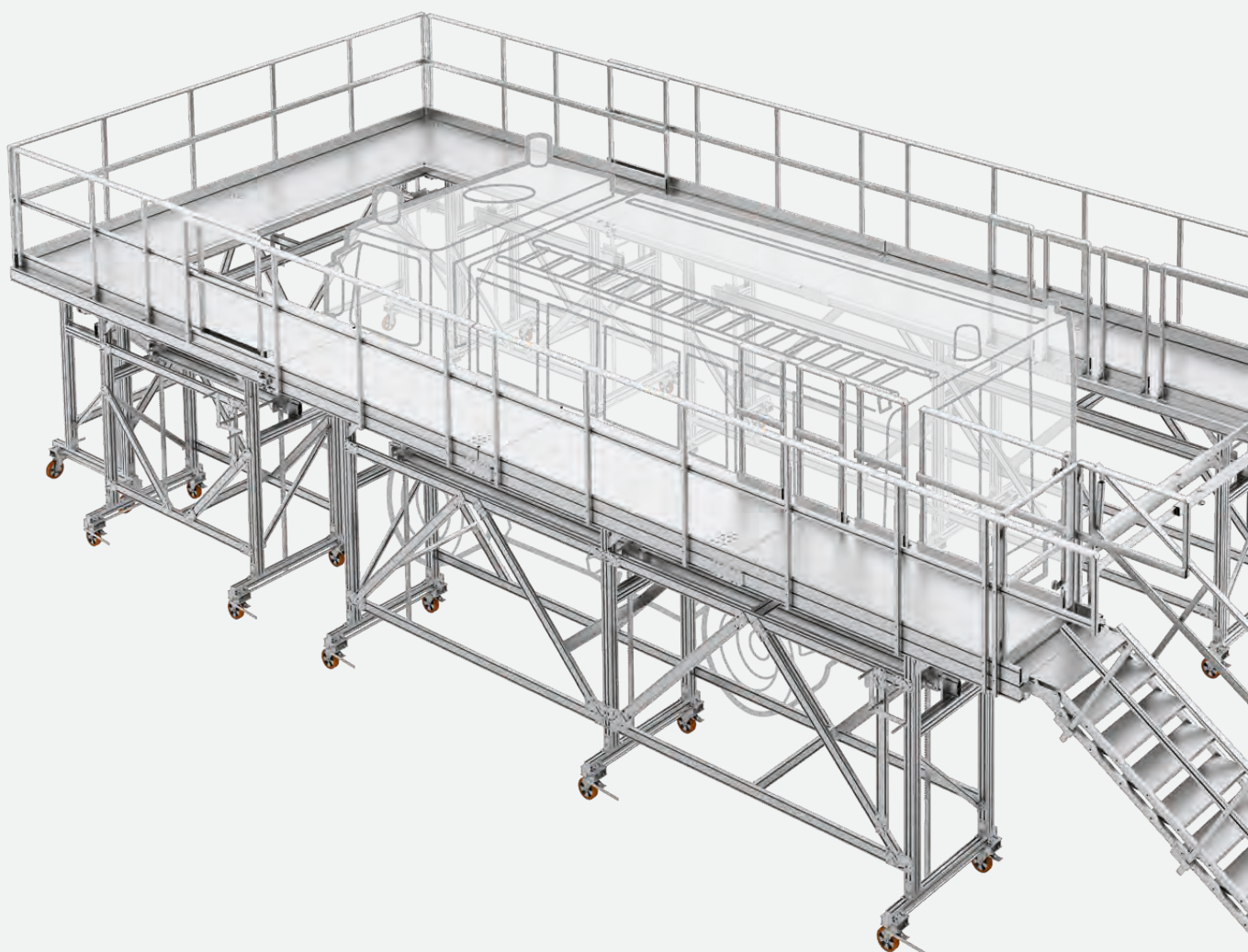
Solution

For the application of the work platform to different crushers, we have created a height-adjustable mobile platform that can be adapted to the various operating heights using an easy-to-operate manual crank. Large rubber-coated castors make it possible to move the platform conveniently to the machine. A railing on three sides ensures safe working conditions on the platform, while the sturdy steel support structure provides increased stability and durability.

Technical data

Platform length	1,200 mm
Platform width	800 mm
Vertical height	3,000 – 3,800 mm (steplessly adjustable)

Application example: Assembly platform for fire engines



Vertical adjustment for stepless adaptation of the standing height



The modular stairs automatically and steplessly adapt to the set height



Optimum accessibility regardless of vehicle size

Task

Vertically adjustable work platform for safe assembly of roof attachments on various fire engines.

Solution

Specifically for these demands, we have developed a five-piece assembly platform in which each element of the platform can be separately adjusted in height and braked centrally for each axle using a cranking mechanism. The individual platform elements can be connected to each other using clamping elements. Handrails that can be flexibly fitted ensure comprehensive protection in all possible combinations.

Technical data

Stairway inclination	32° – 61°
Platform width	1,000 mm
Vertical height	2,200 – 3,500 mm (steplessly adjustable)

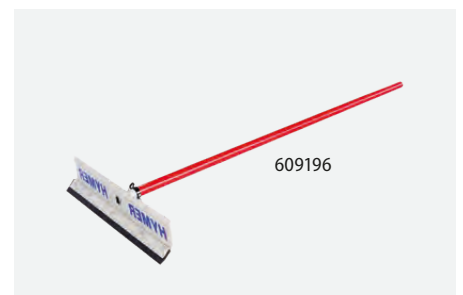
Application example: De-icing platform Hymer-ARCTICA



Easy to perform cleaning work



Safe removal of snow and ice from vehicle roofs



High-quality telescopic snow and ice scraper with holder fitted to the platform



Task definition

Working platform for the safe removal of snow and ice from vehicle roofs (as specified by § 23 of StVO – German Road Traffic Regulations).




Solution

The Hymer-ARCTICA de-icing platform was designed and manufactured according to EN 1004 and EN 14122 and comprises replaceable tried and tested components from the HYMER modular system. Two basic elements (5 m or 7 m platform length) can be flexibly extended by extension elements each 2 m in length. Sturdy stiles and solid profile braces ensure a firm standing position which requires no stabilisers. A self-closing door, gratings with Class R12 anti-slip surfacing and reflectors ensure that working on the platform is extremely safe.

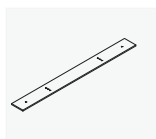
Your benefits

- › **Efficient:** Two articulated vehicles can be de-iced at the same time – no side stabilisers required.
- › **Safe:** Also visible in the dark due to **reflectors**. Gratings with **Class R12** anti-slip surfacing and self-locking access doors.
- › **Profitable:** Hymer-ARCTICA is operational **all year round for activities** such as cleaning, repairs and maintenance work.
- › **Timesaving:** Simple and quick to erect due to **pre-assembled modules** for self assembly.
- › **Erection service:** Our erection team can build the platform for you on site.
- › **Stable:** Solid, galvanised base plates dispense with attachment to the ground (available as accessory).
- › **Flexible:** Platform extendable in steps of 2 metres.
- › **Official:** Hymer-ARCTICA is designed and manufactured based on standards EN 1004 and EN 14122.
- › **Extra:** High-quality telescopic snow and ice scraper with holder fitted to the platform.

Technical data

			
Description	Basis short	Basis long	Extension
Platform length (approx. mm)	5,000	7,000	je 2,000
Platform width (approx. mm)	800	800	800
Basic construction	Aluminium		
Platform floor covering	Galvanised steel grating		
Anti-slip surface	Class R12		
Stairway inclination	45°		
Step depth (approx. mm)	270	270	270
Standing height platform (approx. mm)	3,200	3,200	3,200
Permissible load of step/total (kg)	150/300	150/300	150/300
Incl. snow and ice scraper	✓	✓	✗
Order no.	609193	609194	609195

Recommended accessories:



Platform base plate
› Order no. 609197



Snow and ice scraper
› Order no. 609196



ANNEX

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Terms of Sale and Delivery

Issued 01/2014

I. Scope

1. The following Terms of Sale and Delivery apply exclusively. General terms and conditions of Ordering Party apply only to the extent that we have agreed to them expressly and in writing.
2. Any subsidiary verbal agreements are invalid.
3. These Terms of Sale and Delivery are a fixed part of all quotations and contracts and are also valid for all future transactions between the contracting parties, even when they are not expressly agreed to once again.

II. Conclusion of Contract, Documents, Property Rights

1. The order is only deemed to be accepted if it has been confirmed by us in writing. Until such time, our quotation is subject to alteration.
2. Alterations or additions on the part of Ordering Party compared to the original order and all supplementary agreements reached by the parties to the contract with regard to the order also require our written confirmation in order to be valid.
3. To observe the written form, it is sufficient to make the additions, alterations or supplementary agreements reached available to Ordering Party in the text in quoted but unsigned form.
4. We reserve the proprietary right and copyright to cost estimates, drafts, drawings and other documents; they may be made available to third parties only with our agreement. Drawings and other documents that we transmit for quotations are to be returned upon request at any time and in all events, if the order is not placed with us. Insofar as we have delivered items according to drawings, models, samples or other documents provided Customer, who shall guarantee that the property rights of third parties are not infringed upon. If a third party prohibits us particularly from manufacturing and delivering such items by invoking property rights, we are entitled to discontinue any further activity and to claim damages – without being obliged to review the legal situation.

Furthermore, Customer shall undertake to release us immediately from all claims made by third parties related to documents made available to us by Customer.

5. We reserve the right to charge the costs for samples and test parts and the tools needed for their production. We shall invoice the production costs of tools required for the series production, unless agreed otherwise. All tools remain our property in all cases, even when their production costs are fully or partly covered by Customer, unless agreed otherwise in writing.

III. Specification of Services

1. The quality of the delivery or service is ultimately described with expressly agreed performance features (e. g. specifications, markings, release, other designations).

A warranty for a specific intended use or a specific suitability is accepted only insofar as this is agreed expressly and in writing; moreover, Customer shall be solely responsible for the suitability and use risk. Anything other than the expressly agreed performance features or other qualities of deliveries, products and services is not owed. We reserve the right to deviations in physical and chemical variables that are typical or unavoidable for technical reasons, including colours, recipes, processes and the use of raw materials as well as order volume insofar as this is not unreasonable with respect to Customer.

2. Information relating to the delivered item and service (e. g. in catalogues, product information, electronic media or on labels) refer to our general experience and knowledge and only relate to reference values or markings. Neither this product information nor expressly agreed performance features/intended uses relieve Customer of the need to test suitability for the intended use of the product.
3. Information on quality and use options for our products do not include any guarantees, specifically not in accordance with §§ 443, 444, 639 of the German Civil Code (BGB), unless designated expressly as such in writing.

IV. Delivery

Shipping is effected at the expense and risk of Ordering Party. Ordering Party also bears the risk when carriage free delivery is agreed. Ordering Party is to arrange for insurance of the goods during transport to customer at his expense. In the case of carriage paid delivery, the freight payment is to be regarded as an expense made for Ordering Party.

V. Packaging

Packaging is invoiced at cost. Returning empty crates carriage paid and in proper condition results in a credit of two-thirds the charged value unless agreed otherwise in writing.

VI. Delivery Time, Partial Deliveries

1. Specified delivery times are - even if a delivery date has been agreed with Customer - only approximate and non-binding unless the delivery date has been designated as fixed expressly in writing via agreement. Any confirmed delivery date shall be subject to initial correct, complete and on-time delivery to ourselves. The delivery deadline shall be considered met if the delivery has left our facilities or we have informed Customer that the goods are ready by the time the deadline has elapsed. The delivery deadline does not begin until Customer has properly met all of the required obligations, e. g. providing technical data and documents, approvals and payment or the transfer of a guarantee of payment.
2. We shall be entitled to partial deliveries.

VII. Force Majeure, Enforcement Measures

1. Events due to force majeure and other circumstances beyond our control that make it impossible to carry out accepted orders on time exempt us from the accepted delivery and service obligation for as long as the cause remains. In particular, this applies to energy and raw material shortages, labour disputes, official decrees, traffic problems or operational breakdowns or if subcontractors are either not able to supply us at all,

properly or in a timely manner due to events caused by force majeure or the other aforementioned reasons.

2. Applying for the commencement of insolvency proceedings, submitting a statutory declaration in accordance with § 807 of the German Code of Civil Procedure (ZPO), any payment difficulties or knowledge of considerable deterioration in the financial situation of a customer entitle us to cease deliveries immediately and refuse to fulfil ongoing contracts if Customer does not provide payment in kind or supply appropriate security upon request.

VIII. Claims due to Defects, Obligation to Provide Notification of Defects

We shall be liable for defects in goods we deliver only in accordance with the following provisions:

1. Customer shall fulfil its duties of inspection and objection in accordance with § 377 of the German Commercial Code (HGB).
2. In the event of a defect, Customer shall be entitled to demand rectification (at our discretion, either through remedial work or replacement).
3. In case of replacement, Customer shall be obligated to return the defective material upon request.
4. A claim to rescission of the contract or decrease of the surcharge shall exist only if the defect cannot be remedied within a reasonable period, rectification would incur disproportionate costs, would be unreasonable or is to be considered failed for other reasons. However, Customer shall have no right of withdrawal for only minor defects.
5. In the event of complaints, Customer shall immediately provide us with opportunity to examine the goods that are the subject of the complaint; in particular, the goods that are the subject of the complaint must be made available to us upon request and at our costs. In the event of unjustified complaints, we reserve the right to charge the transport costs and inspection expenses to Customer's account.
6. Claims due to defects shall not exist if the defect is due to non-compliance with operation, maintenance and installation instructions, unsuitable and inappropriate use or storage, faulty or negligent handling or installation, natural wear and tear, or intervention in the object of the delivery by Customer or third parties.
7. Customer shall not be entitled to the aforementioned claims for products that we do not deliver as new goods according to the terms of the agreement.
8. No returns of sold goods that are free of defects shall be accepted.

IX. Liability

1. We shall be liable for damage claims of any kind, particularly those arising from fault at conclusion of the contract, breaches of duty and unlawful acts (§§ 823 ff. BGB), insofar as malice or gross negligence exists on the part of our company, our employees or our agents.
2. For damage resulting from fatal injury or other physical injury or harm to health, warranties or in case of infringement of essential contractual obligations, we shall also be liable for ordinary negligence. In case of infringement of essential contractual obligations, our liability shall be limited to the average immediate damages typical of this type of contract for the respective type of goods. The above provision shall also apply to infringements of duties on the part of our employees and persons employed to perform the contract.
3. For infringement of property rights, we shall be liable in accordance with the above provisions, insofar as those property rights are infringed during utilisation of our goods in accordance with the contract that are valid in the Federal Republic of Germany and have been published at the time of our delivery. This shall not apply insofar as we have manufactured the delivery items in accordance with the drawings, models or other descriptions or specifications from Customer and we are unaware or are not required to be aware that property rights are thereby infringed. In this case, our customer shall be liable for any infringements of property rights that occur or have already occurred. Customer is obliged to notify us immediately of any possible or asserted infringement of property rights of which it becomes aware and to release us of third-party claims and all costs and expenses incurred.
4. Claims for decreasing and for exercising a right of withdrawal shall be excluded insofar as the statute of limitations has expired for the claim to rectification.
5. Our liability due to defects of the delivery item in accordance with the provisions of product liability law, from unlawful acts (§§ 823 ff. BGB) due to tort product liability and §§ 478, 479 BGB (regress of last seller) shall remain unaffected by the above provisions insofar as these provisions set forth liability for personal injury and property damages for objects in private use.
6. In all other cases, our liability shall be excluded except for the cases listed in Numbers 1 and 2.

X. Statute of limitations

1. Warranty claims, claims for compensation for damages and claims for reimbursement for expenses of Customer shall expire one year from the beginning of the statutory limitation period, unless the claims are defect claims for goods that have been used for a structure according to their usual use and have caused its defectiveness – in this case, the limitation period shall be 5 years.
2. Claims for decreasing and for exercising a right of withdrawal shall be excluded insofar as the statute of limitations has expired for the claim to rectification.
3. The above limitation periods shall not apply insofar as we have acted with gross negligence or deliberately or insofar as we are liable in case of fatal injury or other physical injury or harm to health, or for damage to privately used items, nor shall they apply in the cases of §§ 478, 479 BGB.

XI. Intended Use, Delivery to Third Parties

1. The goods and objects delivered by us are manufactured in accordance with the provisions valid in the Federal Republic of Germany; unless expressly agreed otherwise, they are not intended for use and/or resale in the USA, US territories or Canada.

2. In case of reprocessing/resale to third parties of our goods, Ordering Party/Customer shall include our device description/operating manual and – for deliveries outside the territory of the European Union, particularly for deliveries to the USA, to US territories or Canada – a device description and assembly/operating manual in compliance with the requirements of government agencies and specific traffic situations existing there.

3. For resale of our goods or delivery items by Ordering Party/Customer to the USA, US territories or Canada, Ordering Party/Customer, as the company placing it on the market, is responsible to us for ensuring that the products correspond to the relevant standards and regulations in force there.

XII. Security

1. We shall retain title on all goods delivered by us until such time as the buyer has settled all claims, even the conditional claims, including incidental claims that we have against Customer arising from the commercial transaction with us; in this regard, all shipments shall be considered one related delivery transaction. For a revolving account, the property for which title is reserved shall be the security for our claim for payment of account balance. The above provisions shall apply for any claims that arise in future.

2. Customer shall be entitled to resell or process the purchased goods, or to mix them with other goods, as part of the ordinary course of business; however, as of now, Customer assigns all claims arising from resale, processing, combination or other legal grounds in conjunction with the purchased goods (particularly insurance contracts or unlawful acts) in the final invoice amount agreed with us (including value-added tax). The sale to other parties shall be equivalent to use for fulfilling works contracts or contracts for goods and labour by Customer.

3. The retention of title shall also extend to the products arising from processing, combining or joining of our goods to their full value, in such cases where these processes are carried out for us such that we are the manufacturer. If the property rights of third parties remain in case of processing, combining or combination with the third-party goods, we shall obtain co-ownership in proportion to the objective values of these goods. If the goods cease to be our property due to joining or combining, Customer shall, as of now, transfer the property and/or expectant rights to which Customer is entitled to the new inventory or item in the amount of the invoice value of the goods delivered by us and have custody of it for us at no charge.

4. Customer shall be authorised to collect the claims from resale despite the assignment, unless we have revoked the authorisation. We shall not collect the claims ourselves as long as Customer duly fulfils its payment obligations to us. Upon our first written request, Customer shall be obligated to provide us with the names of the parties who owe the assigned claims and to notify the debtors of the assignment.

5. We shall be entitled to revoke the authorisation of Customer for resale as part of Section 2 and to collect the claims assigned to us effective immediately, if Customer defaults in its payments to us, has difficulty making payments due to a substantial deterioration of its financial situation or fails to duly fulfil its contractual duties to us. If insolvency proceedings are initiated for Customer's assets, all payments are ceased, an affidavit is given in accordance with § 807 of the German Code of Civil Procedure (ZPO) or if Customer's corporate ownership changes in conjunction with financial difficulties, the authorisation for resale and for collecting the claims assigned to us shall automatically become void.

6. Customer shall have custody of the items to which we have co-ownership or property rights with the care of a prudent businessperson at no charge to us and insure them against fire, break-ins, theft, and other usual risks.

7. Customer shall be prohibited from pledging as collateral the goods delivered under retention of title or assigning them as security. Customer shall notify us immediately of any seizure or any other impairment of our property rights by third parties and confirm the property rights in writing, both to the third party and to us. The Ordering Party shall bear the residual costs incurred by us for any legal dispute arising from this despite our winning the dispute.

8. In the event of violation of the contract on the part of the Ordering Party, particularly payment default, we shall be entitled to demand return of the goods; the Ordering Party gives its consent as of now to a return of the goods in this case. The return of the goods shall be construed as a rescission of the contract only if we expressly declare so. The costs incurred by us for the return (particularly transport costs) shall be to the Ordering Party's account. The Ordering Party shall be entitled to demand redelivery of the returned goods without an express declaration of withdrawal only after full payment of the surcharge and all costs.

9. The securities to which we are entitled shall not be included insofar as the value of our securities exceeds the nominal value of the claims to be secured by 20%.

XIII. Terms of Payment, Offset and Retention Rights

1. The invoice amounts are payable within 10 days with 2% cash discount or after 30 days net unless otherwise agreed.

2. If different payment conditions become necessary for time reasons to those stated in our quotations and order confirmations, these shall come into effect without the need for prior notice.

3. The retention of amounts owed to us due to any additional claims and offsetting with counter-claims are not permitted unless these claims are undisputed or decided with legal effect.

4. Furthermore, in the event of payment default of Customer, we shall be entitled to demand payment of any outstanding remaining surcharge instalment payments or other claims against Customer and make further deliveries arising from this contract or other contracts immediately dependent on a previous deposit of a security or a payment.

5. If we accept bills of exchange, discount and bank charges are borne by the buyer.

6. We accept no responsibility for punctual presentation and protests. Bill of exchange payments do not constitute cash payments.

XIV. Assignment, Place of Performance

1. Customer shall be entitled to assign its claims from the contractual agreement only with our previous consent.

2. The place of fulfilment of all claims arising from the business relationship, particularly from our deliveries, shall be the respective location from which the delivery is made.

XV. Jurisdiction; applicable law

1. The court of jurisdiction for all claims arising from the business relationships, particularly from our deliveries, shall be Wangen im Allgäu, Germany. This court of jurisdiction shall likewise apply to disputes regarding the origin and effectiveness of the contractual relationship. However, we shall be entitled to also file suit against Customer in the courts responsible for its headquarters.

2. With respect to customers based abroad, we shall also be entitled to have differences of opinion or disputes arising from or in conjunction with the business relationship, without possibility of recourse to legal action, decided in accordance with the arbitration code of the Zurich Chamber of Commerce by one or three arbitrators appointed in accordance with this code. The court of arbitration is based in Zurich, Switzerland. The arbitration proceedings shall be held in German. The finding of the arbitrator(s) shall be final and binding upon the Parties involved.

3. The law of the Federal Republic of Germany shall apply, excluding its international private law, insofar as it refers to the validity of another legal system. The application of the uniform UN sales law (CISG) and other bilateral and multilateral treaties serving to standardize international sales of goods shall be excluded.

XVI. Partial Invalidity

Should any of portion of this Agreement be deemed wholly or partly invalid or be amended, this shall have no effect on the validity of the remaining portions. In this case, the Parties shall undertake to replace invalid clauses immediately with a valid clause that is most similar to the economic purpose of the invalid clause.

XVII. Storage of Personal Data

Ordering Party agrees to storage by us of company and personal data in the course of business transactions.

(The current Terms of Sale and Delivery can be viewed and printed on our website at any time).

Hymer-Leichtmetallbau GmbH & Co. KG, Käferhofen 10, 88239 Wangen, Germany.

Guarantee conditions

Issued 04/2012

The quality management system introduced by Hymer-Leichtmetallbau GmbH & Co. KG meets the requirements of ISO 9001:2008. All HYMER products are made of best quality materials and must meet the highest standards of quality. We can therefore offer a warranty as follows:

1. Warranty period

HYMER Professional ladders and towers for industry and trade catalogue = 10 years

ALU-PRO catalogue = 5 years

These warranty periods are valid for all products covered in these catalogues where noted for the particular product. For all other ranges (e. g. ALPE), as well as special design and automotive engineering products, the statutory warranty rights apply.

2. Warranty terms

- The warranty begins on the day of purchase. Invoices or receipts serve as proof of purchase.
- The warranty is exclusively restricted to material defects of aluminium and steel parts.
- The warranty does not cover damage due to natural wear, incorrect handling or modifications to the product.
- The warranty claim applies exclusively to damage to the object of the warranty.
- In the event of a warranty claim, we will repair or replace at our discretion.
- These warranty terms apply to all HYMER products listed in paragraph 1. and purchased after 31.03.2012.
- No warranty claim will be accepted for the expenses of removal and refitting, the inspection of corresponding parts or for claims for lost profits and damages.
- The supply capability for spare parts (incl. wear parts) is limited to the warranty period specified here or the legal warranty rights for the principal product.

3. Return shipment

The guarantee holder has to return the product for inspection or general determination of the guarantee case at his expense and risk to the place of fulfilment (Hymer-Leichtmetallbau, Wangen). If the guarantee claim is recognised, Hymer-Leichtmetallbau will reimburse the cost of the lowest priced means of transport.

Written information on the products and images thereof may differ from the actual design in individual cases. Errors, price changes and design modifications are also reserved.

Hymer-Leichtmetallbau GmbH & Co. KG, Käferhofen 10, 88239 Wangen, Germany

Numerical register

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Version: 09/2020

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