

HTC

Professional Floor Systems

Product catalogue 2016/2017





RX8

BORN TO MAKE A DIFFERENCE

- ✓ **Productivity**
- ✓ **Reliability**
- ✓ **Operability**
- ✓ **Flexibility**

DURATIQ™

Engineered for you



>100
NEW FEATURES

BORN TO SET NEW STANDARDS.

We decided to create an entirely new generation of floor grinders. And we started by traveling the world to gather impressions, feedback and ideas from those who mean the most to us – our customers.

The result is the DURATIQ. Two machines completely redesigned, each with more than 100 new features, solutions and details matching the clearly set requirements and expectations of professional users and specialists the world over.

With the DURATIQ, HTC has set an entirely new standard for reliability, precision and control. A unique combination of intelligence and raw power. Always at the forefront of development – this is what motivates everything we do at HTC.

216%

productivity increase
with system synergies**

100%

better dust collection*

Up to

54%

higher productivity*

*The increase refers to an average value from a series of tests with grinding concrete and removal of dust residue.

Test machines: DURATIQ RX8 vs HTC 800 RX. DURATIQ T8 vs HTC 800 Classic.

**The increase concerns the amount of ground concrete with and without MCS. Test machines: DURATIQ RX8 vs HTC 800 RX.

DURATIQ

8



DURATIQ

6



Born to run. And run. And run.

The heart of the DURATIQ, the grinding head, is built on an all-new design – based on equal portions of precision and strength. The completely dust tight, hermetically sealed design increases the service life of all components, while increasing grinding precision.

> 5000
hours of testing

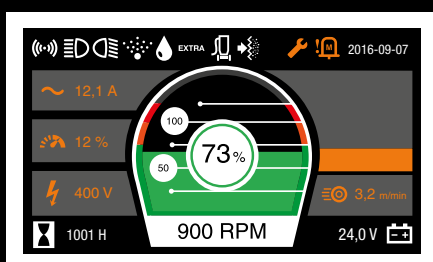
1000h
Service interval
1000 hours/1 year*

*Whichever occurs first.



Born to be in control

The HTC DURATIQ is here to show the way into the future with an entirely new, intuitive digital control panel called HMI (Human/Machine Interface) and an equally smart remote control unit. It'll give you all the control and precision you'll ever need in maximizing grinder performance.



Born to bring balance to work

The DURATIQ is based on an entirely new chassis design with full consideration to center of gravity, maneuverability and feel. This makes the DURATIQ easier to operate, with better ergonomics and increased safety.

20

different handle positions

74%

less vibration



Maximized synergies

The AirFlow™ technology has been further developed into a system that handles airflows in a controlled manner. Along with a new Mist Cooler System you achieve both optimal grinding effect and service life for your HTC Original Diamond Tools.

216%

productivity increase with system synergies*


+27%

more effective MCS**



*The increase concerns the amount of ground concrete with and without MCS. Test machines: DURATIQ RX8 vs HTC 800 RX. **Comparison between old and new MCS. Test machines: DURATIQ RX8 vs HTC 800 RX.

How to build your DURATIQ

<div>1</div> <div>Choose basic model</div>	<div>6/8 Size</div> <div>(600 or 800 mm grinding width)</div>	<div></div> <div>Electric version</div>	<div></div> <div>Total grinding discs (3 or 4)</div>	<div></div> <div>Remote control</div>		
<div>2</div> <div>Choose features</div>	<div></div> <div>Water package</div>	<div></div> <div>Light package</div>	<div></div> <div>GPS package</div>			
<div>3</div> <div>Choose accessories</div>	<div></div> <div>Extra weights</div>	<div></div> <div>Electrical cable</div>	<div></div> <div>Mug holder</div>	<div></div> <div>Phone holder</div>	<div></div> <div>Remote control hoop</div>	<div></div> <div>Remote control bag</div>

R Remote control

X Four grinding heads

T Three grinding heads

6/8 Grinding width 600/800 mm

The broadest machine range on the market.
Versatile machines for all applications.



HTC DURATIQ™ series



HTC DURATIQ 8
T8/RT8/X8/RX8



HTC DURATIQ 6
T6/RT6/X6/RX6

HTC Classic series



HTC 1500 iXT



HTC 950 RX



HTC 500

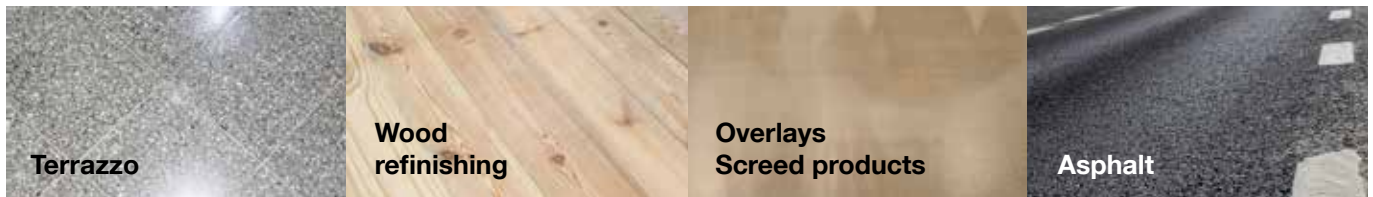


HTC 420 VS



HTC 270 EG

Grinding width from **270 - 2500 mm**.
Over **50 different versions** available to meet Your requirements.



HTC dust extractors



HTC 80 iD II

HTC 80 iDH

HTC Greyline™ 40 D

HTC Greyline™ 25/35 D

HTC Greyline™ PS
(pre-separator)

HTC Greyline™ series

Easy grinding!

World leading technology
in a powerful and cost effective package.
Perfect for the rental market. Easy to use - easy to rent.



HTC Greyline™ 550



HTC Greyline™
450 / 450 HD



HTC Greyline™ 400



HTC Greyline™
270 / 270 HD



HTC Greyline™
270 / 270 HD
Edge Grinder

HTC DURATIQ 8



499 - 574 kg



152 - 347 kg



800 mm



270 mm (3/4 qty)



3 x 200 - 240 V / 50 A
3 x 380 - 415 V / 30 A
3 x 440 - 480 V / 30 A



12 / 15 kW



430-1430 rpm



Remote control



HTC DURATIQ RX8
Up to 264 m² per hour
1 step concrete grinding.



HTC DURATIQ RX8
Up to 168 m² per hour
floor preparation.

264 m²

168 m²

264 m²

Approximately.
Per Hour. See p. 36



HTC DURATIQ 6



384 - 441 kg



92 - 223 kg



600 mm



230 mm (3/4 qty)



1 x 200 - 240 V / 50 A
3 x 200 - 240 V / 30 A
3 x 380 - 415 V / 15 A
3 x 440 - 480 V / 15 A



7,5 kW



450-1500 rpm



Remote control



HTC DURATIQ RX6
Up to 198 m² per hour
1 step concrete grinding.



HTC DURATIQ RX6
Up to 122 m² per hour
floor preparation.

198 m²

122 m²

198 m²

Approximately.
Per Hour. See p. 36



HTC 1500 iXT

A high production ride-on grinding machine



- A machine perfect for large to extremely large, open areas
- Compact and easy to operate; controlled with joysticks
- Save up to 50% off the tooling cost with MCS™ (Mist cooler system)
- Integrated dust extractors making it easy to move around
- Floating cover for dust-free operation
- Battery operation for loading and unloading machine
- Two grinding heads with 15 hp motors results in a massive 1,4 m grinding width



1900 kg



450 kg



1380 mm



270 mm (8 qty)



3 x 400 V / 64A



2 x 11 kW



300 - 2000 rpm

Model

Art no

HTC 1500 iXT

112457

Read more about voltages at page 37.



Up to 414 m² per hour
1 step concrete grinding.



Up to 290 m² per hour
floor preparation.

414 m²

290 m²

414 m²

Approximately.
Per Hour. See p. 36

HTC 950 RX



- A machine perfect for medium to large areas
- Grind up to 50% more m^2/h thanks to the remote control
- Strip and grind up to 30% more effective with four grinding discs compared to a three disc machine
- Save up to 50% off the tooling cost with MCS™ (Mist cooler system)
- Floating and flexible grinding cover for dust-free operation
- Integrated weight system makes it easy to control the grinding pressure
- Battery operation for loading and unloading machine



600 kg



280 - 300 - 400 kg



920 mm



270 mm (4 qty)



3x400 V / 3x480 V / 32A



15 kW



450 - 1400 rpm

Model	Art no.
950 RX 3x400V	111570
950 RX 3x480V	111571

Read more about voltages at page 37.



Remote control



Up to 276 m^2 per hour
1 step concrete grinding.

Up to 166 m^2 per hour
floor preparation.

276 m^2

166 m^2

276 m^2

Approximately.
Per Hour. See p. 36



HTC 500



- A machine perfect for small to medium areas
- Classic model machine with three grinding heads
- Perfect entry level machine to get started
- A powerful multi machine
- Adjustable weights allowing for extra grinding pressure
- EZchange™ quick tool change system



147 kg



100 - 130 kg



500 mm



230 mm (3 qty)

1x200 V / 3x200 V /
3x400 V / 16 A

4 kW



300 - 1300 rpm



Model	Art no.
3x400 V	111228
3x200 V	111298
1x200 V, 30 A	111236

Read more about voltages at page 37.

Up to 127 m² per hour
1 step concrete grinding.

Up to 53 m² per hour
floor preparation.

127 m²53 m²127 m²Approximately.
Per Hour. See p. 36

HTC 420 VS



- A light and handy all-round machine for concrete, natural stone, terrazzo and wood
- Variable speed
- Ergonomically designed
- The machine can be used for coarse grinding, preparation, maintenance and polishing
- Collapsible in two parts for easier transport
- Water tank



94 kg



65 kg



420 mm



180 mm (3 qty)



1x100 V / 1x200 V /
3x400 V / 16 A / 25 A



2,2 kW



430 - 1140 rpm

Model	Art no
1x200 V	112131
3x400 V	112210
1x100 V	112132

Read more about voltages at page 37.



Up to 81 m² per hour
1 step concrete grinding.

Up to 34 m² per hour
floor preparation.

81 m²

34 m²

81 m²

Approximately.
Per Hour. See p. 36

HTC 270 EG



- Maximum head height of only 100 mm to grind and polish under shelves
- Rotating floating shroud with fully adjustable wheels allows for grinding and polishing up to the wall or away
- Multi-axis adjustable grinding head for more controlled and ergonomic grinding of uneven or sloped edges
- Variable speed machine for complete control
- EZchange™ system - Use same tools as any HTC machine



103 kg



36 kg



270 mm

1x200 V / 3x400 V /
3x480 V / 16 A

2,2 kW



460 - 1220 rpm

Model	Art no.
1x200 V	501054
3x400 V	113418
3x480 V	113325

Read more about voltages at page 37.



Concrete Rodeo

WINNER- Best Edger
- Most Innovative
product



HTC 80 iDH

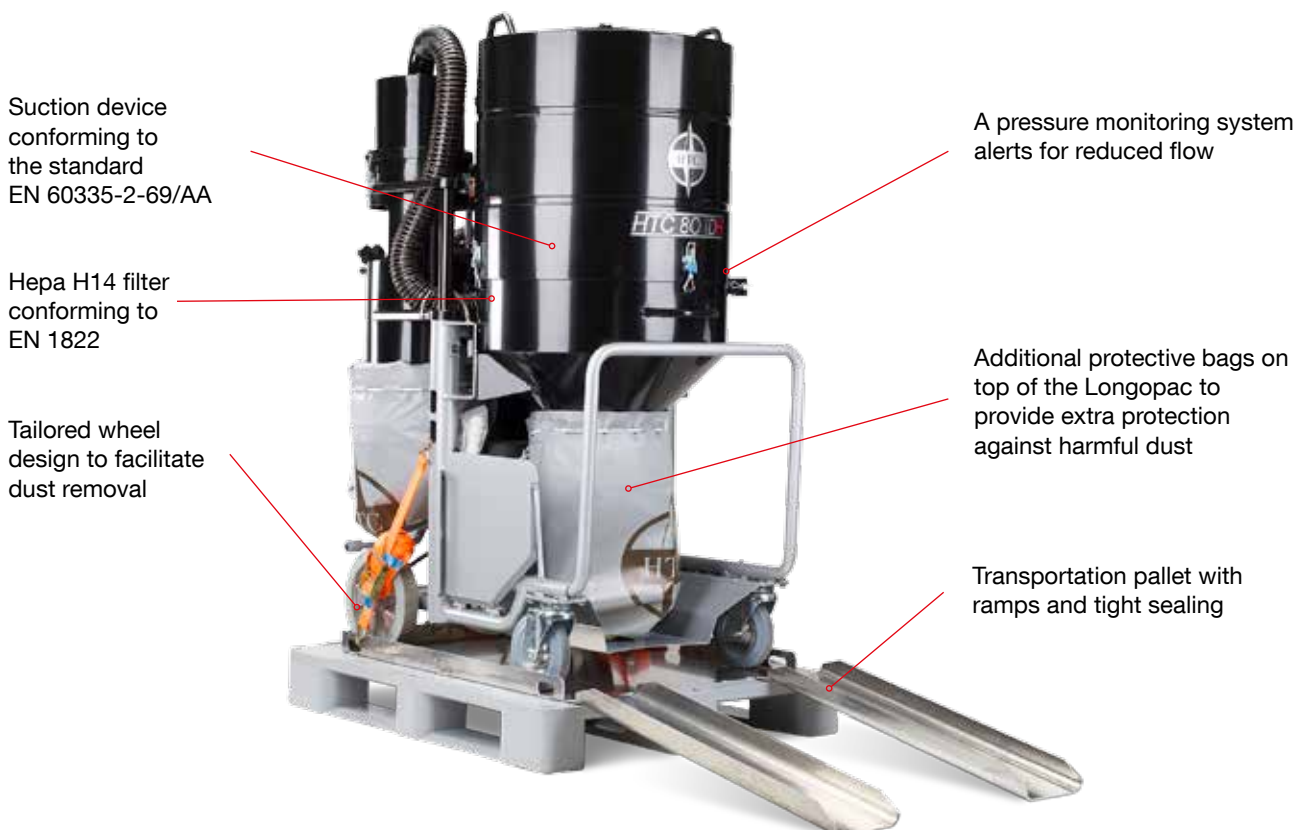
Put the harmful dust under control

HTC is under way with the launch of a new version of HTC 80 iD in order to meet the safety standard EN 60335-2-69/AA and the market requirements for professional suction devices for hazardous dust.

HTC 80 iDH – makes handling of harmful dust possible

HTC 80 iDH is an asbestos suction device that meets the requirements of construction sites that require meticulous control of the handling of harmful and environmentally hazardous dust (asbestos). HTC 80 iDH has been modified and optimised with a focus on the new asbestos standards. The asbestos suction device protects both operators and the environment from hazardous dust particles. This suction device simplifies day-to-day work in harmful environments and ensures that the hazardous or enclosed area is free from dust after the floor has been treated. HTC 80 iDH has been developed as a comprehensive concept: an asbestos suction device that keeps the working environment dust-free, is easy to clean, has features that are uniquely tailored to workers in harmful environments and is easy to transport on customised transportation platforms.

HTC 80 iDH – unique properties for asbestos removal



HTC 80 iD II

Fine tuned in the smallest detail.

HTC's flagship dust extractor, HTC 80 iD II has been given a thorough update on eight different points. Details that may seem small but which are important for the user both ergonomically and economically. HTC 80 iD II is a top class dust extractor for professional flooring contractors who demand only the best.

How to take control

We are excited to introduce the new revolutionary HTC 80 iD II. This new dust extractor will improve your efficiency with **up to 15% compared to a traditional solution**. The HTC 80 iD II is equipped with a high performance integrated pre-separator that removes up to 95% of the dust and increase filter lifetime.

With HTC 80 iD II you will reduce the non-productive time as it's made for continuous operation. Now your operators have no excuse to stop before lunch, its nonstop production!

Earn money on a recommended combination

HTC 80 iD II and a remote controlled HTC grinding machine is the perfect match for a high production rate. You will reduce the non-productive time as these combinations are made for continuous operation.



HTC 80 iD II



HTC DURATIQ 6



HTC DURATIQ 8



HTC 950 RX

High
production
rate

HTC 80 iD II

The improvements



- ① **New "duck bill" valves**
Empties the bags more efficiently. No hatches that can rip the collection bag.
- ② **Bypass valve for continuous operation**
Now with ergonomic slide function. More efficient emptying of the bag. Larger air hole and tighter construction.
- ③ **Integrated pre-separator**
30% increased dust volume.
- ④ **Easy access power plugs**
Power plugs moved to the side of the machine for easy access.
- ⑤ **New hoses**
More flexible and durable hoses for easy operation.
- ⑥ **New locking mechanism**
More stable locking mechanism on the pre-separator.
- ⑦ **Welded filter seams**
Welded filter seams prevent dust leakage.
- ⑧ **Filter cleaning valve improved**
Improved handle with slide function.

HTC 80 iD II



260 kg



7,5 kW



700 m³/h



3x400 V / 3x480 V

Model	Art no.
80 iD II 3x400V, 50Hz, with remote	113753 + 550214
80 iD II 3x400V, 50Hz, no remote	113753
80 iD II 3x480V, 60Hz, with remote	113759 + 550215
80 iD II 3x480V, 60Hz, no remote	113759
80 iD II 3x480V, 60Hz, Dist.Box, with remote	113739 + 550215
80 iD II 3x480V, 60Hz, Dist.Box, no remote	113739
Remote Kit 60Hz	550177
Remote Kit 50Hz	550155

HTC Dust Extractors



Recommended connections

Dust extractors	Grinding machines								
	950	8/800 series	6/650 series	550	500	450	420	400	270
HTC 80 iD II	●	●	●						
HTC GL 40 D			●	●	●	●	●	●	
HTC GL 35 D				●	●	●	●	●	●
HTC GL 25 D						●	●	●	●

Pre-separator	Dust extractor
HTC GL PS	Any dust extractor on the market



HTC GREYLINE™ 25 D / 35 D

	56 / 59 kg		2,2 / 3,3 kW
	375 / 560 m³/h		1 x 110 V 1 x 230 V

Model	Art no.
HTC GL 25 D 1x230 V	501660
HTC GL 25 D 1x110 V	113634
HTC GL 25 D 1x110 V US	113410
HTC GL 35 D 1x230 V	113411

Read more about voltages at page 37.



HTC GREYLINE™ 40 D

	169 kg		4 kW
	420 m³/h		3 x 230 V 3 x 400 V

Model	Art no.
HTC GL 40 D 3x230 V	113110
HTC GL 40 D 3x400 V	113108



HTC GREYLINE™ PS

	56 kg		800 mm 600 mm 1300-1700 mm
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Model	Art no.
HTC GL PS	502158

HTC Greyline™ Series



HTC Greyline™ is an equipment line focused on three main applications:

Floor Preparation / Coatings Removal, Concrete Grinding & Leveling & Wood Refinishing.

The focus is to simplify the process, making it extremely easy to accomplish the end goal. It is also a good way to keep your premium Blackline machines on the big jobs while your HTC Greyline™ fleet tackles the smaller jobs that are normally sub-contracted out. Keep those customers & increase your profit margin by not sub-contracting out those simple flooring jobs.

FLOOR PREPARATION CONCRETE GRINDING WOOD REFINISHING



EZchange™
HTC product tool change system

HTC GREYLINE™ 550



550 mm



4 kW



131 kg



3 x 230 V
3 x 400 V

Model	Art no.
HTC GL 550 3x230 V 50/60 Hz	113131
HTC GL 550 3x400 V 50/60 Hz	113128

Read more about voltages at page 37.



EZchange™
HTC product tool change system

HTC GREYLINE™ 450 / 450 HD



450 mm



1,5 kW
2,2 kW (HD)



95 kg



1 x 110 V
1 x 230 V

Model	Art no.
HTC GL 450 1x230 V 50 Hz	113126
HTC GL 450 1x110 V 50 Hz	113127
HTC GL 450 1x110 V 60 Hz	113144
HTC GL 450 HD 1x230 V 50 Hz	113572

Read more about voltages at page 37.

Easy grinding!



Ready



Set



Go!



EZchange™
HTC instant tool change system



**ALSO
AVAILABLE
AS AN EDGE
GRINDER**

EZchange™
HTC instant tool change system

HTC GREYLINE™ 400



400 mm



3 / 4 kW



78 kg



3 x 230 V
3 x 400 V

Model	Art no.
HTC GL 400 3x230 V 50 Hz 4 kW	113124
HTC GL 400 3x400 V 50 Hz 4 kW	113122
HTC GL 400 3x400 V 60 Hz 3 kW	113555

Read more about voltages at page 37.

HTC GREYLINE™ 270 / 270 HD



270 mm



1,5 kW
2,2 kW (HD)



53 kg



1 x 230 V
1 x 110 V

Model	270	270 EDGE
HTC GL 270 1x230 V 50 Hz	113120	113241
HTC GL 270 1x110 V 50 Hz	113137	113239
HTC GL 270 HD 1x230 V 50 Hz	113570	113571
HTC GL 270 1x230 V 60 Hz	113154	113242
Edge kit - Art no. 113152		

Read more about voltages at page 37.

AirFlow™

Let AIR take care of the challenge.

AirFlow™ is HTC's latest ground breaking technology, developed to address some of the most common challenges of grinding – the friction heat and the dust released from the grinded surface. Through extensive R&D work we have developed AirFlow™ Technology.

At HTC we know that professionals demand a lot from their tools and are selective in choosing them and we always try to exceed those expectations. Our new AirFlow™ EZ tool holder are no exception.

Skilled users know the challenges of floor grinding, to create excellent results. When grinding and polishing to high specifications of hard materials like hard concrete, terrazzo and stone materials one major risk factor is glazing. Glazing or over heating resulting in damaged tools causes poor cutting rates and shorter tool lifetime. The raised temperature is caused both by friction and the concentrations of dust under the grinding cover which accumulates the heat and raises temperature. It generally takes a lot of operator skill to adjust the machine and to balance

performance and risk of overheating.

AirFlow™ EZ tool holders create an increased and controlled flow of air around the tools. The increased air flow cools the tool effectively and at the same time directs the air born dust towards the evacuation intake.

The benefits of using AirFlow™ EZ tool holders are instant longer tool lifetime, better working environment and less dust removal after grinding. Lower risk of glazing (over heating resulting in damaged tools) will instantly increase efficiency on site, which in turn will raise project profitability.

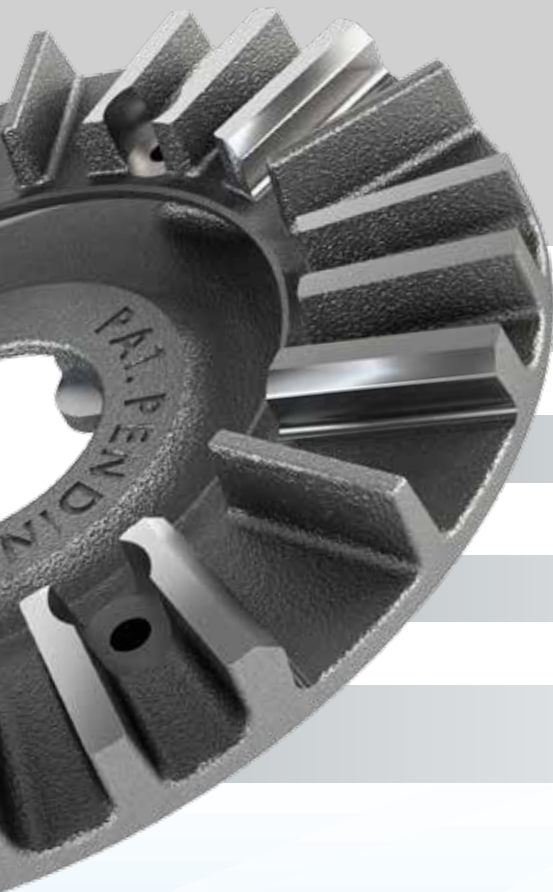


Cast aluminum

Increased airflow

Fan blade effect





AirFlow™

Longer expected tool lifetime

Reduces working temperature

Maximize cutting rate

More effective dust removal

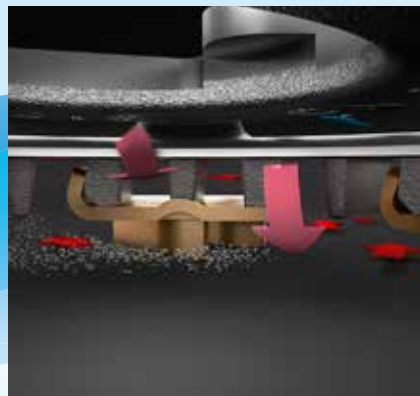
Better working environment

Higher efficiency on site = higher project profitability

Instant benefits when grinding and polishing of hard materials like hard concrete, terrazzo and stone materials

AirFlow tool holder	Item no.	HTC 650 HDX/RX*	HTC 800 HDX/RX*	HTC 950 RX
AirFlow EZ 230	510002	●		
AirFlow EZ 270	510001		●	●

The AirFlow™ technology



Double functionality that makes difference

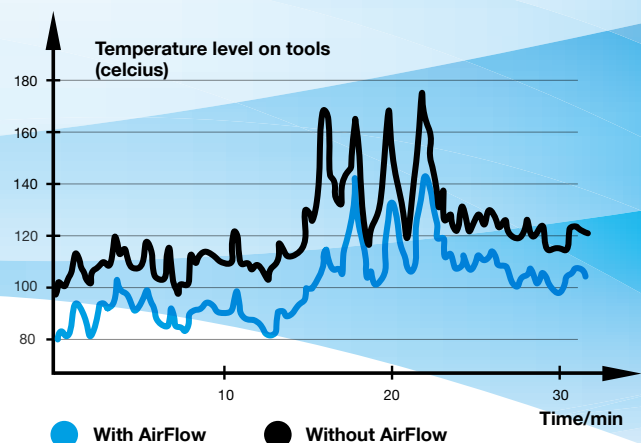
The increased and controlled air flow cools the tools effectively and at the same time directs the air born dust towards the evacuation intake.

Lower risk of glazing

Lower temperature level minimize the risk of glazing (over heated and ineffective diamond tools) and will instantly increase efficiency on site, which in turn will raise project profitability.

CAUTION

AirFlow™ may ONLY be used with HTC EZchange™ original tools. Other use may cause damage and will violate any given warranty or other claims.



HTC Ravager™

Series

Create a bush hammered surface, expose large aggregate or remove tough coatings.

The HTC Ravager creates a bush hammered profile perfect for high traction exterior surfaces. It has an extremely high stock removal capacity and can remove rigid or brittle coatings up to 10mm in thickness. You can also use these tools to repair a failing cap on concrete or a slab that has been exposed to rain.

HTC Ravager™ tools can also achieve a standard surface preparation profile equivalent to International Concrete Repair Institute's (I.C.R.I.) Concrete Surface Profile (C.S.P.) standard of 6-7 using your HTC grinder.



Profile of concrete after one pass with the HTC Ravager™



The remnants of a 10mm overlay after three passes with the HTC Ravager™

✓ Improved with more robust mounting blocks which results in longer life of the rollers.

✓ Two new 270 mm versions with three or six rollers. Also a new 230 mm version with three rollers.

✓ Leaves a bush hammered profile perfect for high traction exterior surfaces

✓ Exposes large aggregates in as little as one pass

✓ Removes rigid or brittle coatings and overlays with ease

✓ Stock removal to level concrete

✓ Repair a failing cap on concrete or a slab that has been exposed to rain

✓ Replacable parts makes rebuilds easier and less costly

✓ Available for all HTC machines* and hand grinders



	Name	Art no.	Description
	Ravager™ 270mm Tool Complete	502746	Includes (3) Ravager rollers assembled and mounted to plate. Recommended with HTC 950 and 800 series. Equipped with grease fitting. Daily lubrication.
	Ravager™ 270mm Tool Complete	502756	Includes (6) Ravager rollers assembled and mounted to plate. Recommended with HTC 950 and 800 series. Equipped with grease fitting. Daily lubrication.
	Ravager™ 230mm Tool Complete	502752	Includes (3) Ravager rollers assembled and mounted to plate. Recommended for use with HTC 650 series, 500 and the GL 550. Equipped with grease fitting. Daily lubrication.
	Ravager™ 180mm Tool Complete	213119	Includes (3) Ravager rollers assembled and mounted to plate. Recommended for use with HTC 420 and GL 450.
	Ravager™ 150mm 1700 rpm, Tool Complete	213107	Includes (3) Ravager rollers assembled and mounted to plate. Recommended for hand grinding machines, 1700rpm. Attaches via 14mm arbor.

Prolong the life of your HTC Ravager™!

Rebuild your HTC Ravager™ by purchasing the individual parts needed to make the tool complete. View the diagram below for more details. The HTC Ravager™ 270mm and 230mm plates share the same mounting blocks and rollers and the 180mm and 150mm hand grinding tool share the same style.

Tool plate 270mm

Art. no. 502750

Tool plate 230mm

Art. no. 502751

Tool plate 180mm

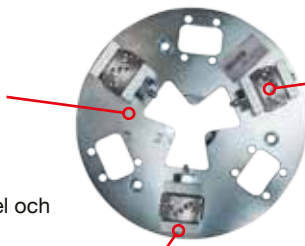
Art. no. 213104

Förbörade hål för enkel och exakt montering.

Fixation kit for 270mm and 230mm

Art. no. 502747

Includes both mounting blocks, axel, grease fitting and mounting bolts. Daily lubrication.



Roll for 270mm and 230mm

Art. no. 213117

Bearings are pre-pressed. 270mm tool has (3/6) rollers, 230mm tool has (3) rollers

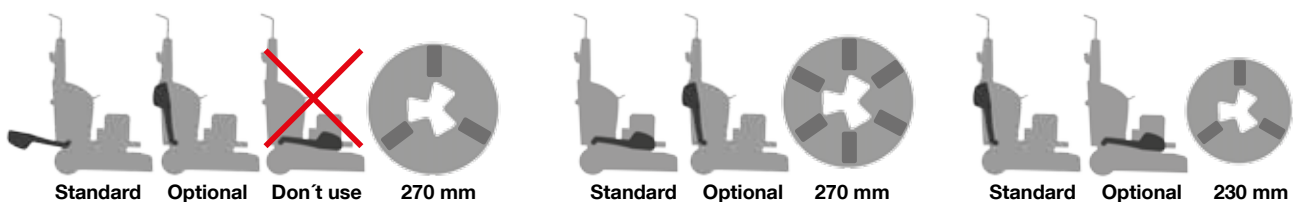
Roll & block for 180mm and 150mm

Art. no 213110

Bearings are pre-pressed. 180mm tool and 150mm Hand Grinding tool have (3) rollers.

Use of weights

“Standard” gives normal removal rate. “Optional” results in a higher grinding pressure and removal rate but with a risk for a higher wear



HTC Premium Diamond tools

Floor preparation

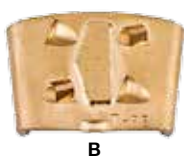


CLASSIC

T-REX® CLASSIC FOR COATINGS REMOVAL



A



B

T-Rex® Classic

Art no.

EZ T-Rex® Classic A

502538

EZ T-Rex® Classic B

502539

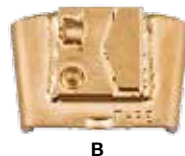


DOME

T-REX® DOME FOR EXTREME COATINGS REMOVAL



A



B

T-Rex® Dome

Art no.

EZ T-Rex DOME II A Prot. seg.

502548

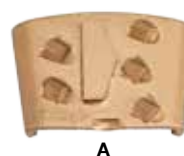
EZ T-Rex DOME II B Prot. seg.

502546

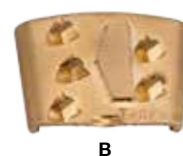


SUPER

T-REX® SUPER II FOR EXTREME COATINGS REMOVAL



A



B



T-Rex® Super

Art no.

EZ T-Rex Super II A Prot. seg.

502602

EZ T-Rex Super II B Prot. seg.

502604

EZ T-Rex Super II A

213282

EZ T-Rex Super II B

213283

T-REX® RINGS FOR COATINGS REMOVAL



T-Rex® rings Art no.

T-Rex® rings

With prot. seg.

210767 (160mm)

210868 (220mmA) 211551

211293 (220mmB) 211552

210869 (270mmA) 211172

210870 (270mmB) 211318



EZ GL T-Rex®

Art no.

EZ GL T-Rex®

501772



T-REX® CUP WHEEL FOR HANDHELD MACHINES



T-Rex® cup wheel

Art no.

T-Rex® cup wheel

213016 (125 mm)

213017 (175 mm)

GREYLINE™ SUPERPREP™ FOR ECONOMICAL FRIENDLY SURFACE PREPARATION & LEVELING

SC for Soft Concrete / **HC** for Hard Concrete



Greyline™ Superprep™ series

Art no.

EZ GL SP 0 SC	212935
EZ GL SP 0 HC	212934
EZ GL SP 1	212936
EZ GL SP 2	212937

EZ GL SERIES™ FOR ECONOMICAL FRIENDLY SURFACE PREPARATION & LEVELING



EZ GL series

Art no.

EZ GL 0 Purple	212236
EZ GL 1 Silver	212238
EZ GL 2 Gold	212240



**You stand behind our
machines, we stand behind
our products!**

We at HTC promise that these diamond
tools are of the highest quality regarding
uniformity, life, and proper cutting ability.



**EZchange™ - easy and quick tool
change on all HTC machines.**

EZchange™ - The Instant tool change system
is so ingeniously simple! No more jammed,
rusted or broken screws, in fact, no screws
at all! Place the tools in the compartment on
the holder and with a light tap using a rubber
hammer you're ready for grinding, polishing or
removal of coverings.



EZstart™ – only with HTC!

EZstart™ - a small detail that makes the difference. The grooved surface makes it easier for the tool to open and achieve maximum cutting capacity from the start. The grinding operation becomes more effective and delivers better results in less time.

HTC Premium Diamond tools

SMHX for all concrete

SMHX **FOUR SERIES FOR ALL CONCRETE**



The most efficient grinding tools on the market!

HTC's series of metal-bond diamond tools for grinding concrete have been given a thorough update. Four new series of tools, covering all types of concrete grades, makes your choice of tool easier when you're grinding concrete floors.

SMHX	SOFT CONCRETE	MEDIUM CONCRETE	HARD CONCRETE	XTREMELY HARD CONCRETE
<ul style="list-style-type: none"> ✓ Four series covering all types of concrete. Grinds from soft (S) to extremely hard (X) concrete. ✓ Up to 40% longer life* ✓ Up to 45% higher removal rate* ✓ Wider and overlapping areas of use simplify the choice of tool. ✓ Each series has its own design, making it easier to keep the tools in good order ✓ The EZchange™ system for quick tool changes 	S SERIES Moh's scratch test between 2-3			
		M SERIES Moh's scratch test between 3-5		
			H SERIES Moh's scratch test between 5-7	
				X SERIES Moh's scratch test between 7-9
		M0 10 grit	H0 10 grit	
		M1 16 grit	H1 16 grit	
	S2 25 grit	M2 25 grit	H2 25 grit	X2 25 grit
	S3 40 grit	M3 40 grit	H3 40 grit	X3 40 grit
	S4 80 grit	M4 80 grit	H4 80 grit	X4 80 grit
	S5 150 grit	M5 150 grit	H5 150 grit	X5 150 grit

Mohs Scale - Choose the right tool with HTC's hardness tester

By means of a simple scratch test, you determine the hardness of the floor or the concrete in relation to the Mohs Scale. Start with the lowest numbers on the scratch sticks and then work your way up until you scratch the floor. When you have obtained the value from the scratch stick, use the SMHX table above of this flyer to find the tool series HTC recommends for the floor you want to grind.



Order from HTC!

Art. no. 11610



S series
FOR SOFT
CONCRETE



EZ S2	213049-2 (DS)
EZ S3	213049-3 (DS)
EZ S4	213049-4 (DS)
EZ S5	213049-5 (DS)
Black	

M series
FOR MEDIUM
CONCRETE



EZ M0	213055-0 (DS)
Lilac	213056-0 (SS)
EZ M1	213055-1 (DS)
Silver	213056-1 (SS)
EZ M2	213055-2 (DS)
Gold	213056-2 (SS)
EZ M3	213055-3 (DS)
Grey	213056-3 (SS)
EZ M4	213055-4 (DS)
Brown	213056-4 (SS)
EZ M5	213055-5 (DS)
Black	213056-5 (SS)

H series
FOR HARD
CONCRETE



EZ H0	212977-0 (DS)
Lilac	212978-0 (SS)
EZ H1	212977-1 (DS)
Silver	212978-1 (SS)
EZ H2	212977-2 (DS)
Gold	212978-2 (SS)
EZ H3	212977-3 (DS)
Grey	212978-3 (SS)
EZ H4	212977-4 (DS)
Brown	212978-4 (SS)
EZ H5	212977-5 (DS)
Black	212978-5 (SS)

X series
FOR XTREMELY
HARD CONCRETE



EZ X2	213036-2 (DS)
Gold	213037-2 (SS)
EZ X3	213036-3 (DS)
Grey	213037-3 (SS)
EZ X4	213036-4 (DS)
Brown	213037-4 (SS)
EZ X5	213036-5 (DS)
Black	213037-5 (SS)

10
Purple

16
Silver

25
Gold

40
Grey

80
Brown

150
Black

HTC Premium Diamond tools

Resin bond tools

Used for: concrete, natural stone, terrazzo & overlays

EZ BBX 2 GOLD

A resin tool for the first grinding step

EZ BB series	Art no.
EZ BBX 2 Gold	212852



EZ BB series

For transitioning between metals to resins

EZ BB series	Art no.
EZ BB 3 Grey	212042
EZ BB 4 Brown	212043
EZ BB 5 Black	212044
EZ BB 6 Blue	212045
EZ BB 7 Red	212046
EZ BB 8 White	212047



EZ SR series

For honing and polishing

EZ SR series	Art no.
EZ SR 3 Grey	212360
EZ SR 4 Brown	212361
EZ SR 5 Black	212362
EZ SR 6 Blue	212363
EZ SR 7 Red	212364
EZ SR 8 White	212365



EZ FP series

For final polishing to achieve maximum gloss levels

EZ FP series	Art no.
EZ FP 30 Red	211496
EZ FP 40 White	211497
EZ FP 50 Yellow	211498
EZ FP 60 Green	211499



FENIX series

For grinding
& polishing
overlays &
concrete

Fenix II	Art no.	
Fenix II 3 Grey	(5") 212447-3 (9") 212449-3	(7") 212448-3 (11") 212450-3
Fenix II 4 Brown	(5") 212447-4 (9") 212449-4	(7") 212448-4 (11") 212450-4
Fenix II 5 Black	(5") 212447-5 (9") 212449-5	(7") 212448-5 (11") 212450-5
Fenix II 6 Blue	(5") 212447-6 (9") 212449-6	(7") 212448-6 (11") 212450-6
Fenix II 7 Red	(5") 212447-7 (9") 212449-7	(7") 212448-7 (11") 212450-7
Fenix II 8 White	(5") 212447-8 (9") 212449-8	(7") 212448-8 (11") 212450-8
Fenix II 9 Yellow	(5") 212447-9 (9") 212449-9	(7") 212448-9 (11") 212450-9
Fenix II 10 Green	(5") 212447-10 (9") 212449-10	(7") 212448-10 (11") 212450-10

DIAMOND XPRESS™

For dry grinding &
polishing of natural
stone & terrazzo

Diamond Xpress	Art nr.	
DX 3 Grey	212981-3 (180) 212796-3 (270)	212795-3 (230)
DX 4 Brown	212981-4 (180) 212796-4 (270)	212795-4 (230)
DX 5 Black	212981-5 (180) 212796-5 (270)	212795-5 (230)
DX 6 Blue	212981-6 (180) 212796-6 (270)	212795-6 (230)
DX 7 Red	212981-7 (180) 212796-7 (270)	212795-7 (230)
DX 8 White	212981-8 (180) 212796-8 (270)	212795-8 (230)
DX 9 Yellow	212981-9 (180) 212796-9 (270)	212795-9 (230)
DX 10 Green	212981-10 (180) 212796-10 (270)	212795-10 (230)

DIAMOND
XPRESS™

Grind marble, terrazzo and lime-
stone completely dry - without
water. A perfect finish has
never been so easy.

✓ No slurry to deal with
- save time & money

✓ Grind and polish a terrazzo
floor in only four steps

✓ High gloss reduces
chemical use

✓ Suitable for a wide range
of machine models

✓ A simple and cost-effective
way to expand your business



40
Grey

80
Brown

150
Black

200
Blue

400
Red

800
White

1500
Yellow

3000
Green



HTC Premium Diamond tools

Edge tools

Cup wheels For handheld machines

Cup wheels Art no.

Gold	213269 (125 mm) 213271 (180 mm)
Brown	213272 (125 mm)
Black	213273 (125 mm)
Blue	213275 (125 mm)
Red	213276 (125 mm)



EZgrind™ series For grinding & polishing edges

EZgrind Art no.

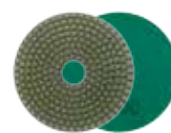
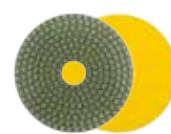
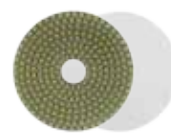
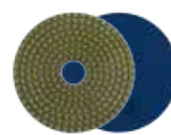
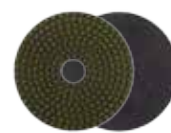
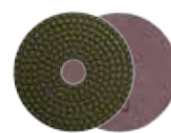
EZgrind Ø 130 Grey 40	211964
EZgrind Ø 130 Brown 60	211938
EZgrind Ø 130 Black 100	211942
EZgrind Ø 130 Blue 200	211943
EZgrind Ø 130 Red 400	211944
EZgrind Ø 130 White 800	211945



E-line For grinding & polishing edges

E-line Art no.

E-line 50 Grey	212778
E-line 60 Brown	212779
E-line 120 Black	212780
E-line 200 Blue	212781
E-line 400 Red	212782
E-line 800 White	212783
E-line 1500 Yellow	212784
E-line 3000 Green	212785



HTC Premium Diamond tools

HTC 420 & wood grinding

HTC 420 tool rings For grinding.



HTC 420 tool rings Art no.

420 S2 Gold ø180	213209-2
420 S3 Grey ø180	213209-3
420 M0 Lilac ø180	213210-0
420 M1 Silver ø180	213210-1
420 M1 Gold ø180	213210-2
420 X2 Gold ø180	213211-2
420 X3 Grey ø180	213211-3

EZ SL series For wood grinding.

Wood grinding tools Art no.

EZ SL 30 Wood	212186
EZ SL 50 Wood	212187
EZ SL 70 Wood	212343



Accessories & tools For wood grinding.

Sanding paper	180mm - 11955 (40) 11956 (60) 11957 (80) 11958 (100) 11959 (120) 230mm - 11961 (40) 11960 (60) 11962 (80) 11963 (100) 11964 (120)
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Elastic tool holder EZ 180 3	112794
Elastic tool holder EZ 230 3	211469



Tool holder wood sanding 180 mm	212231
Tool holder wood sanding 230 mm	212246



Foamflex for wood sanding 180 mm	211045
Foamflex for wood sanding 230 mm	211284



Pad holder 180 mm	212243
Pad holder 230 mm	212245



Oil pad 180 mm	212010
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**Are you using
something other than
HTC machines?**

We have tool adapters for
most machines.
See page 35



HTC Accessories

Tool holders



Fixed tool holders

Fixed tool holders for three, six or nine EZchange™ tools. Use for floor prep or coarse grinding.

Art. no	Description	GL270	GL400	GL450	GL550	270	420	500	650	800	950	1500
112761	TOOLHOLDER EZ 180 3			●			●					
112783	TOOLHOLDER EZ 230 6				●			●	●			
112785	TOOL HOLDER EZ 270 6									●	●	●
112787	TOOL HOLDER EZ 400 9		●									
510001	TOOL HOLDER EZ AIRFLOW 270 6									●	●	●
510002	TOOL HOLDER EZ AIRFLOW 230 6				●			●	●			
502798	TOOL HOLDER EG Ø270					●						



Elastic tool holders

Elastic tool holder for three, four or six EZchange™ tools. Use for fine grinding or polishing.

Art. no	Description	GL270	GL400	GL450	GL550	270	420	500	650	800	950	1500
501042	TOOL HOLDER ELASTIC EG Ø270 4					●						
112794	TOOL HOLDER ELASTIC 180 3			●			●					
211469	TOOL HOLDER ELASTIC 230 3				●			●	●			
212544	TOOL HOLDER ELASTIC 270 6									●	●	●



Flexible tool holders

Flexible tool holder for six EZchange™ tools. Use for fine grinding or polishing.

Art. no	Description	GL270	GL400	GL550	270	420	500	650	800	950	1500
211461	TOOL HOLDER FLEXIBLE 270 6								●	●	●

Are you using something other than HTC machines?

We have tool adapters for most machines.

Adaptor tool holders

Tool holder adaptors for use of EZchange™ tools on other than HTC machines.



Art. no	Description
212419	TOOL HOLDER EZ DIAMATIC Ø185 3
212420	TOOL HOLDER EZ DIAMATIC Ø230 3
212417	TOOL HOLDER EZ HUSQVARNA Ø230 6
212418	TOOL HOLDER EZ HUSQVARNA Ø270 6
502291	TOOL HOLDER EZ HUSQVARNA Ø 400 8
500597	TOOL HOLDER EZ SCAN Ø 160 3
500600	TOOL HOLDER EZ SCAN Ø 212 3
500602	TOOL HOLDER EZ SCAN Ø 240 6
502320	ADAPTOR PREPMASTER



Velcro Holders

Velcro holders for Diamond Xpress tools, sandpaper, foamflex. Pad holders for Twister/Fenix Pads.

Art. no	Description	GL270	GL400	GL450	GL550	270	420	500	650	800	950	1500
212231	VELCRO HOLDER Ø180MM MALE			●			●					
212246	VELCRO HOLDER Ø230MM MALE				●			●	●			
212249	VELCRO HOLDER Ø270MM MALE									●	●	●
502295	VELCRO HOLDER 270 EG MALE					●						
212531	PAD HOLDER KIT HTC 270 EG					●						
212243	PAD HOLDER DISC Ø180mm			●			●					
212245	PAD HOLDER DISC Ø230mm				●			●	●			
211023	PAD HOLDER DISC Ø270mm									●	●	●

Tool holders for handheld machines

Art. no	Description
10897	FLEX HOLDER 125 MM
10898	FLEX HOLDER 125 MM (THIN)



HTC Accessories

Chemicals



HTC Cure+

HTC Cure+ is an advanced highly reactive concentrated mixture of potassium and lithium silicate for hardening and surface-enhancement of concrete and mineral materials such as cement-stabilised overlays and terrazzo.

Item Number: 12113 (20l) 12114 (200l)



HTC Grouting

A product used to fill pores and cracks and is used during the HTC Superfloor™ process to satisfy high demands for pore free and homogeneous floors.

Item Number: 11631



HTC Stain Protection

Is a solution based special product for impregnation and sealing of all natural stone, terrazzo and concrete floors. Provides a water and oil resistant surface.

Item Number: 11651



HTC Stain Protection Primer

This product is used as the first treatment before HTC Stain Protection, when the smallest change in surface color as possible is to be achieved.

Item Number: 11653

* Blue bar indicates the maximum ground surface / hour with a grinding width of the current machine and for the propulsion speed suitable for the machine. Orange bar indicates the estimated grinding capacity when taking into account the different circumstances of a grinding process. Grinding width and propulsion speed of the current machine, overlapping and availability of the floor also affects the result. The figures are estimates under certain specified conditions and are a measure of comparison between HTC machines, with or without remote control, with three or four grinding discs etc.



HTC electrics

HTC normally use the following voltage options:

HTC Name	Nominal voltage, frequency	Colour IEC 60309 plug
1x100V	100-120V, 50-60 Hz	Yellow
1x200V	200-240V, 50-60 Hz	Blue
3x200V	200-240V, 50-60 Hz	Blue
3x400V	380-415V, 50-60 Hz	Red
3x480V	440-480V, 50-60 Hz	Black

Grinders & dust extractors without VFD can be found in separate versions for 50 or 60 Hz.
Grinders with VFD works for both 50 and 60 Hz.

HTC Superprep™

The Floor Preparation Revolution



Go for grinding!

The HTC Superprep™ method to grind floors is proven to save time and money. For instance since you don't have to coat the floor with levelling compounds prior to further treatments. When you don't have to wait for things to dry, you suddenly have a lot more time on your hands. Plus, with our high performance dust extractors, the produced dust isn't much of a problem either.



The broadest product range on the market.
Machines and tools for all areas and applications.



A complete range of premium diamond tools
for the fastest and most cost-effective results with the highest quality.



Grinding is scientifically proven in professional studies to be the best floor prep method.



Go remote!
Our remote controlled machines increase your efficiency with up to 50 %.



Dust-free working environment with controlled dust flow control from the floor to the dust extractor.



HTC Superfloor™ It's brilliant!

HTC
Superfloor™



Bring out the strength in your concrete floor!

Concrete floors deserve better treatment than just being walked on. An HTC Superfloor™ will really make you appreciate the advantages of having a polished concrete floor as an exposed surface. Dirty, grey concrete floors are transformed into brilliant, easy-clean, environmentally-friendly and durable polished concrete floors. It simply requires some thought.

- ✓ **Unbeatable! The flooring solution with the lowest life cycle cost**
- ✓ **Easy to clean**
- ✓ **Low installation cost compared to other floor solutions**
- ✓ **Unbeatable durability**
- ✓ **No harmful chemicals**
- ✓ **A floor for both industrial and public environments**

WHAT IS IT?

HTC Superfloor™ is a complete concept for polishing concrete. The concrete is grinded and polished according to a dependable and thoroughly tested method with HTC's effective concrete polishing equipment and diamond tools. The result when polishing concrete is a floor with a completely even polished surface of a high quality, both functionally and esthetically.

It's brilliant!





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