



HTC
Professional
Floor Systems

START & GRIND

A complete assortment of floor grinders and dust extractors for an easy grinding experience.

HTC PRESENTS

MACHINES FOR AN EASY GRINDING EXPERIENCE

HTC is introducing a new assortment of smaller grinders and dust extractors for professional use. With carefully engineered and user-friendly solutions for those smaller grinding jobs.

Start & grind



HTC 280

HTC 400

HTC 450

HTC 510

HTC D30

HTC D20

HTC PS30

HTC D10

Ease of use combined with safe operation, in all its simplicity

When function and design interact, you feel the difference. HTC's new smaller machines have features that will make your work both simpler and safer.



Start grinding with one button
The start/stop button is all you need to start grinding.



Collapse and transport
Easily separate the motor and chassis, to collapse and transport.



H-classified assortment for your safety
HTC D10, D20 and D30 are all in compliance with the highest international standard "H". (IEC-60335-2-69, EN60335-2-69)



3-step filtration
Dust extractors effectively separate the dust into three steps with a whirler, primary filter and HEPA H13 filter.



Keeping an eye on the hours
Hour meter tells you how long you've been grinding totally with the machine.



Quickly change tools
The EZchange™ system speeds tool changes and gives you access to a wide range of HTC tools.



Keep grinding dust under control
A floating grinding hood that responds to floor irregularities means improved dust extraction.



Airflow indicator
Find out when it's time to clean or change filters.



Longopac®-system
Handle dust easily and safely in Longopac® collection bags.



Effective filter cleaning
Easily and effectively clean the primary filter to maintain high airflow.



HTC 280

The HTC 280 is a small, agile floor grinder with a 2.2 kW motor that's just right for simpler floor stripping/grinding. The grinder can also be easily reconfigured for edge grinding.

The HTC 280 is especially suitable for smaller surfaces where concrete, for example, needs to be evened out, or where a coating must be removed (paint, putty, epoxy, etc.).

The motor and chassis can be easily separated, and the chassis is collapsible for easy handling and transport. The grinder is also equipped with a digital hour meter for tracking overall run-time of the machine.

-  Weight: **72 kg**
-  Grinding head weight: **25 kg**
-  Grinding width: **280 mm**
-  Motor: **1.1-2.2 kW**
-  Revolution speed: **940-1410 RPM**
-  Power:
1x230-240V 13 A (2.2 kW 50 Hz 1410 RPM)
1x110-120V 20 A (1.5 kW 50 Hz 940 RPM)
1x110-120V 15 A (1.1 kW 60 Hz 1160 RPM)

Recommended dust extractors

HTC D20 HTC D30 HTC PS30



Edge-grinding feature on right and left side of the grinding head





HTC 400

The HTC 400 is a very powerful grinder with a large grinding disc and high grinding capacity. The grinder is designed for heavy floor prep jobs, grinding away unevenness and casting joints, and for quickly removing coatings.

The motor and chassis can be easily separated, and the chassis is collapsible for easy handling and transport. The grinder is also equipped with a digital hour meter for tracking overall run-time of the machine.

-  Weight: **116 kg**
-  Grinding head weight: **34–42 kg**
-  Grinding width: **400 mm**
-  Motor: **3.0- 4.0 kW**
-  Revolution speed: **1140-1445 RPM**
-  Power:
3x400-480 V 10 A (4.0 kW 50 Hz 1445 RPM)
1x230-240 V 20 A (3.0 kW 60 Hz 1140 RPM)

Recommended dust extractors

HTC D30 HTC PS30





1. Easy tool changes with the EZchange™ system
2. Motor and chassis can be easily separated
3. Ergonomic and adjustable handle



HTC 450

The HTC 450 is a planetary grinder with three counter-rotating grinding heads, making this a versatile grinder suitable for many different applications. The grinder can be used for everything from stripping floors to grinding concrete, natural stone and wood.

The motor and chassis can be easily separated, and the chassis is collapsible for easy handling and transport. The grinder is also equipped with a digital hour meter for tracking overall run-time of the machine.

-  Weight: **109 kg**
-  Grinding head weight: **59 kg**
-  Grinding width: **450 mm**
-  Grinding discs: **180 mm (3 pcs)**
-  Motor: **1.1–2.2 kW**
-  Revolution speed: **470–705 RPM**
-  Power:
1x230-240V 13 A (2.2 kW 50 Hz 705 RPM)
1x110-120V 20 A (1.5 kW 50 Hz 470 RPM)
1x110-120V 15 A (1.1 kW 60 Hz 575 RPM)

Recommended dust extractors





HTC 510

The HTC 510 is a powerful planetary grinder with three counter-rotating grinding heads, making this a versatile grinder suitable for many different applications. The grinder can be used for everything from stripping floors to grinding concrete, natural stone and wood.

A major advantage of the HTC 510 is the machine's grinding head, which is hermetically sealed, making it entirely dust-proof. This provides unparalleled protection from dust and moisture, and significantly increases the service life of the enclosed components.

The motor and chassis can be quickly separated, and the chassis is collapsible for easy handling and transport. The grinder is also equipped with a digital hour meter for tracking overall run-time of the machine.

-  Weight: **120 / 133 kg**
-  Grinding head weight: **66–80 kg**
-  Grinding width: **515 mm**
-  Grinding discs: **230 mm (3 st)**
-  Motor: **2,2 - 4,0 kW**
-  Revolution speed: **438–669 rpm**
-  Power:
1x230V 13A (2,2kW 50Hz)
3x400V 16A (4,0 kW 50Hz)
1x230V 20A (3,0kW 60Hz)
3x230V 15A (4,0kW 60Hz)

Recommended dust extractors



The grinding head on the HTC 510 has a unique design, built to keep out dust and moisture.



UNMATCHED DUST HANDLING

HTC D10

The HTC D10 is a light and versatile dust extractor, best suited for handheld grinders and general clean-up. It's equipped with the HEPA H13 filter and has a pressure gauge that indicates when the filter is clogged. It's also equipped with Longopac® system for safe dust handling.

-  **H classified**
-  **Weight: 29 kg**
-  **Power:**
1 x 230 V / 10 A
1 x 120 V / 15 A
-  **Motor: 1.2 kW**
-  **Max theoretical airflow: 200 m³/h**

HTC D20

HTC D20 recommended for HTC 280 and 450. With two HEPA H13 filters, it can handle the finest concrete dust. The machine is easy to use with puncture-proof tires and locks on the front wheels. It's also equipped with time counter, vacuum gauge and Longopac® system for safe dust handling.

-  **H classified**
-  **Weight: 47 kg**
-  **Power:**
1 x 230 V / 10 A
1 x 120 V / 20 A (US)
1 x 110 V / 20 A (UK)
-  **Motor: 2.4 kW**
-  **Max theoretical airflow: 400 m³/h**

HTC D30

The HTC D30 is a very powerful, single-phase dust extractor with three large vacuum motors. Three HEPA H13 filters, as well as a conical filter with a 4.5 m² filter surface, enables the HTC D30 to effectively collect both coarse and fine dust. It's also equipped with time counter, vacuum gauge and Longopac® system for safe dust handling.

-  **H classified**
-  **Weight: 63 kg**
-  **Power:**
1 x 230 V / 16 A
1 x 240 V / 50 A
1 x 120 V / 20 A
-  **Motor: 3.6 kW**
-  **Max theoretical airflow: 600 m³/h**

HTC PS30

The HTC PS30 is a robust pre-separator that separates the larger particles that can occur during floor stripping, for example. Large flakes, metal fragments, screws and other objects often found at construction sites are separated by the HTC PS30 before they reach the dust extractor. This increases the dust extractor's total capacity and significantly extends filter service life. It's also equipped with Longopac® system for safe dust handling.

-  **Weight: 22 kg**
-  **Masures: 590 x 730 x 1580 mm (LxWxH)**



WHAT DOES THE H-CLASSIFICATION MEAN?

The international standard for testing dust and water extractors (IEC-60335-2-69, EN-60335-2-69) encompasses three classes – L for low, M for medium and H for high – with the H class being the most stringent (do not confuse this “H” with the one in HEPA H13). HTC D10, D20 and D30 are H classified.



WHAT IS A HEPA H13 FILTER?

HEPA (High Efficiency Particulate Air) is a highly efficient particle filter for air. The stringent HEPA standard (EN 1822-1) is divided into different levels (E10 to H14) depending on the filter efficiency. HTC uses level H13, which can separate up to 99.95% of the particles in sizes 0.15 to 0.30 µm. These particle sizes are the most difficult to separate – both larger and smaller particles are easier to catch in a filter. Besides this, HTC tests each individual filter prior to delivery to ensure that they comply with the HEPA H13 standard.



3-STEP FILTRATION FOR YOUR SAFETY

1. The cyclone separates the largest particles, which go to the Longopac bags.
2. The prefilter (conical filter) handles the finer dust that is not separated in the whirler.
3. Lastly, the air passes through a certified HEPA H13 filter that separates 99.95% of the smallest and most dangerous particles.



The perfect combination



Individually, HTC's machines and tools deliver top results, but it's when they can work together that maximum synergies are attained. Well-proven and robust technology make your job safer.

Well-optimized dust flow – from the floor under the grinding hood to the H classified dust extractor's dust bag – protects you from dangerous dust.

Add in HTC's broad assortment of diamond tools of premium quality and you have a concept that will deliver. Day in and day out.

Recommended machine combinations

	HTC D10	HTC D20	HTC D30	HTC PS30
Handheld machines 125 mm	●	●		
HTC 280		●	●	●
HTC 400			●	●
HTC 450		●	●	●
HTC 510		●	●	●

Item no. - Floor grinding machines

	3 x 400-480V	1 x 230-240V	1 x 110-120V	3 x 230-240V
HTC 280		967932501 (EU) 967932502 (AU) 967932504 (US)	967932503 (UK) 967932505 (US)	
HTC 400	967932601 (EU)	967932602 (US)		
HTC 450		967932701 (EU) 967932702 (AU)	967932703 (UK) 967932705 (US)	
HTC 510	967932801 (EU)	967932802 (EU) 967932804 (US)		967932803 (US)

Item no. - Dust extractors

	1 x 230-240 V	1 x 110-120 V	1 x 120 V
HTC D10	967958701 (EU) 967958702 (AU)	967958703 (NA)	
HTC D20	967924901 (EU) 967924902 (AU)	967924903 (NA) 967924904 (UK)	
HTC D30	967925001 (EU) 967925002 (AU) 967925003 (NA)		967925004 (NA)
HTC PS30 (pre-separator)	967925101		



Discover more than 120 EZchange™ tools.

htc-floorsystems.com





START & GRIND
MOVIE

www.htc-floorsystems.com

