

HTC D60

An automatic and remotely connected dust extractor

For professional floor grinders

- **Can be controlled from a DURATIQ floor grinder**
- **Integrated pre-separator captures up to 95% of the dust**
- **Automatic filter cleaning means continuous operation**



A DUST EXTRACTOR THAT LETS YOU FOCUS ON THE FLOOR.

Professional floor grinding requires knowledge, experience and equipment that you can depend on. It is essential that the equipment work under all conditions. The equipment must also make the grinding process more efficient, eliminate health hazards and be easy to use. In order to keep you ahead of the competition HTC has developed the HTC D60.

The HTC D60 has been specifically designed for floor grinding and to work most efficiently with our DURATIQ grinders. It features innovative technology in line with the DURATIQ platform that will benefit users through remote connection capabilities, continuous operation, improved ergonomics, lower service needs and a better working environment.

The dust created when grinding and polishing must be properly handled in order to protect the operator's health. The HTC D60 does this, but in a way that does not create unnecessary downtime or lost performance during the grinding process.

Read more about how the HTC D60 helps professional floor grinders keep the focus on the floor.

D60

P.4-7
Productivity

P.10 -11
Ease of use

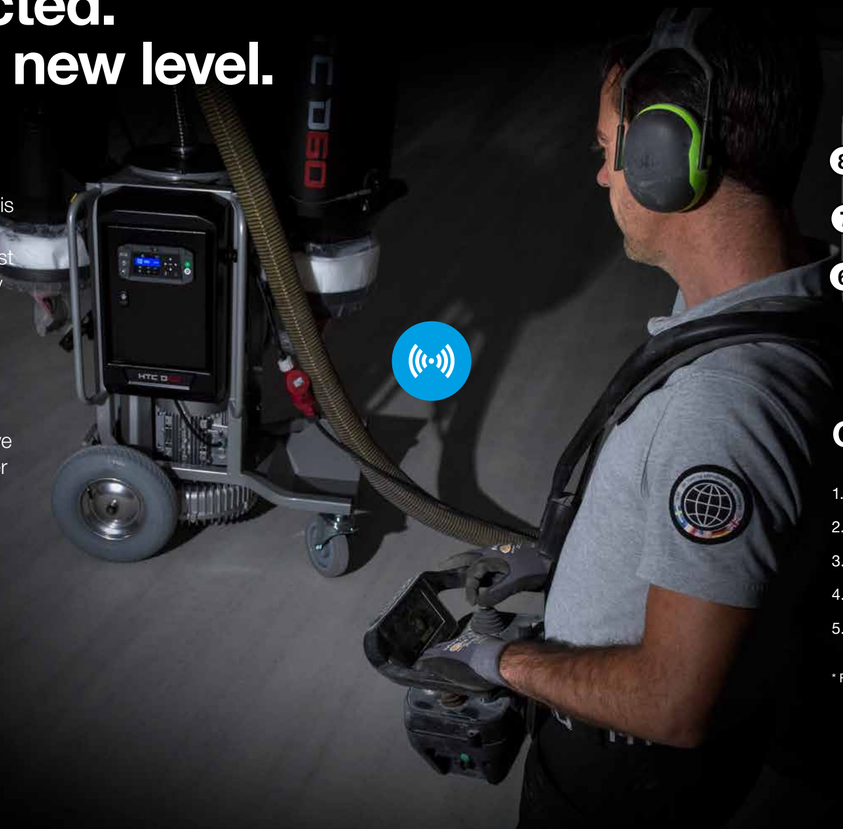
P.12-13
Safety

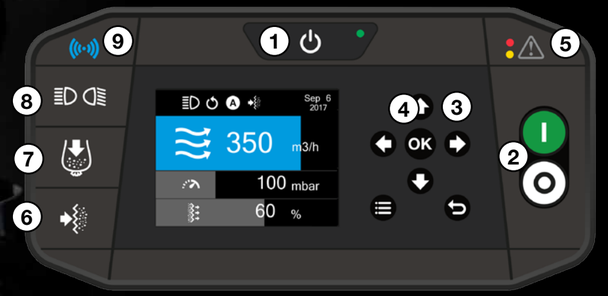
P.14
Options

Remotely connected. Productivity on a new level.

Productivity is closely associated with control. This is why the HTC D60 is equipped with a digital control panel (HMI) where the essential functions of the dust extractor can be monitored. A 3.5-inch LCD display provides clear and sharp information about critical data needed for optimal dust extraction – airflow, under-pressure and filter status.

Remotely connect your DURATIQ grinder and you can start and stop work, clean the filters and receive important notifications on the display of your grinder or remote control unit, all so that you can focus on the floor and ultimately save time and money.





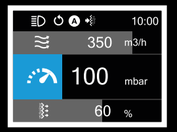
Control panel – overview

1. ON/STANDBY
2. START/STOP of dust extractor motor*
3. Buttons for menu navigation
4. LCD display, 3.5-inch *
5. Warning and alarm indication *
6. Clean filter *
7. Dust emptying*
8. Turn on/off lighting
9. Indication for remote connection with a DURATIQ grinder

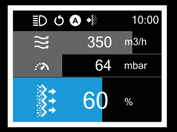
* Function that can be handled from a connected DURATIQ grinder.



The flow meter provides continuous information on suction performance.



The under-pressure meter provides information on suction load.



The filter status meter provides information on the degree of filter blockage.



Remotely connect the HTC D60 with a DURATIQ grinder and control the dust extractor remotely from the grinder's control panel or remote control unit.

Innovative. Designed for floor grinding.

Easy-to-use bypass valve

You can empty the pre-separator of dust and replace the dust bag at a relaxed pace and without stopping operation by simply closing the bypass valve.

Integrated pre-separator

The integrated pre-separator entraps up to 95% of the dust and only the finest dust passes into the main filter. This extends the service life of the main filter.

Digital control panel

A digital control panel (HMI) with a 3.5-inch LCD display provides clear and sharp information even at a distance. Read off airflow, under-pressure and filter status at a glance.

* Option. See page 14 for all options.



Automatic filter cleaning *

Automation is available as an option for handling filter cleaning according to parameters continuously monitored by integrated sensors. This enables continuous operation and more consistent dust extraction capacity over time.

New highly effective filter cleaning function

New effective filter cleaning function means quicker, repeatable and effective filter cleaning. Easy operation with two buttons. As an option, the function can be automatically operated or via a remotely connected DURATIQ grinder.

PTFE-coated conical filter

Dust on the main filter is removed easier and quicker thanks to the filter's PTFE (teflon) coating. Provides better airflow through the filter and consequently better dust extraction.

Safe duck bill valve

Large duck bill valve (Ø 29cm) with a flexible rubber valve empties the cyclone of dust, safely and effectively. The innovative design with rubber instead of a conventional flap reduces the risk of dust bag puncturing.

For professional floor grinders

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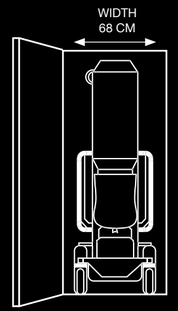
Focus on the floor

Easy to use. At the same time, a real power package.

An important aspect of a good working environment is ergonomics. When developing new machines we want to ensure ease of use especially for heavier machines.

The HTC D60 has many ergonomic properties that facilitate day-to-day work for operators when grinding and when transporting the unit. It is easier to lift with a forklift and the extra large wheels, on both the front and back make a big difference when passing over thresholds, for example. The lowered height in the transport position simplifies moving and loading.

The D60 is a robust dust extractor, but even so, it is compact enough to be handled by one operator without assistance.



ADAPTED WIDTH

With a width of 68 cm, it fits through a standard door opening without any problems.



REMOVABLE CYCLONE

If needed, the pre-separator can easily be removed.



ADJUSTABLE HEIGHT

Adjustable height in four positions. Two operating positions and two transport positions.



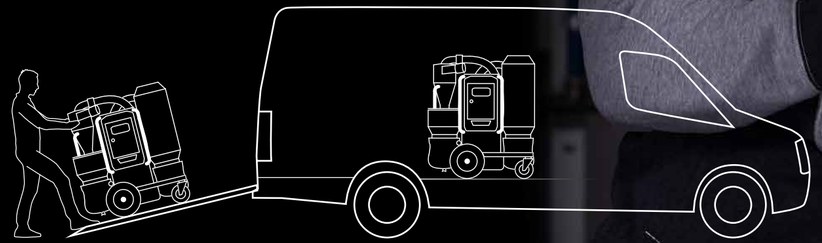
LIFTING POINTS FOR FORKLIFT

Integrated and stable lifting points for forklifts and lifting straps.

LARGE WHEELS WITH BRAKES

Large wheels both front and back make the dust extractor easy to maneuver on soft surfaces and over thresholds. Powerful and easy-to-use brakes.

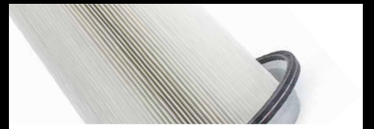




Large wheels and handles, as well as a low center of gravity, make the HTC D60 easy to transport.



Safe for extracting dust.



SAFE FILTER REPLACEMENT

Ergonomic and simple conical filter replacement reduces risk for spread of dust during service.



EASILY ACCESSIBLE HEPA H13 FILTER

The fine filter that gathers the finest and most dangerous dust is easily accessible. This makes filter replacement simple and safe with minimal risk for the spread of dust.



AUTOMATIC FILTER CLEANING

Automatic filter cleaning available as an option. This ensures a constant airflow through the filters over time and sustained dust collection during the whole grinding process.



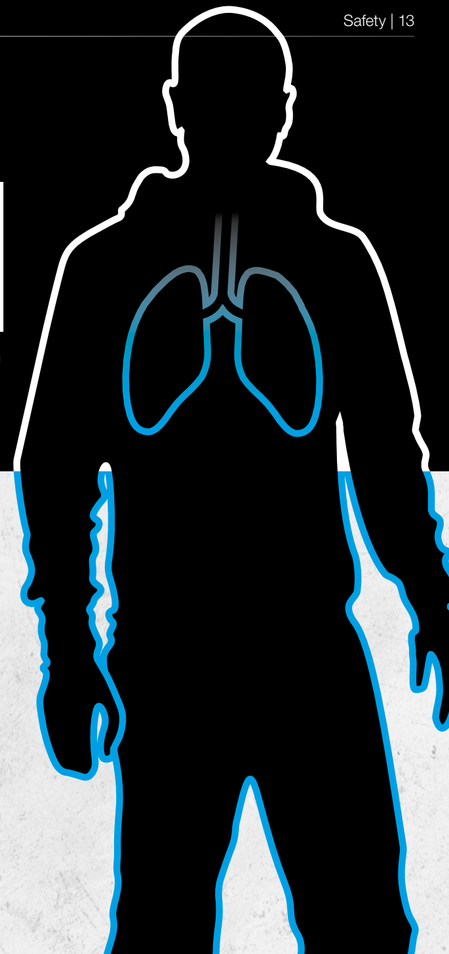
SAFE EXHAUST VALVE

A flexible rubber duck bill valve instead of a mechanical flap for emptying dust from the cyclones eliminates the risk of dust bag puncture.



DUST BAG IN STURDY MATERIAL

The Longopac dust bag, which is made from extremely thick material (68 µ), safely stores the dust and permits speedy bag replacement without contact with dust.



Safe for you.



LOW CENTER OF GRAVITY

Sturdy handles and a low center of gravity make the HTC D60 easy to move at job sites and transport in vehicles.



LARGE WHEELS WITH BRAKES

Large wheels both front and back make the dust extractor easy to maneuver on soft surfaces and over thresholds. Powerful and easy-to-use brakes.



EASILY MANEUVERED BYPASS VALVE

Ergonomically designed bypass valve. Easily open and close the valve with one hand without the risk of injury.



SIMPLE AND QUICK LOCKING SYSTEM

Easily open and close different parts of the dust extractor. Safe and quick access for filter replacement and cleaning.

HEPA H13 standard and easily accessible filter when service is needed, reduces the risk of exposure to hazardous dust.

SYSTEM SYNERGIES

Connect the HTC D60 to an HTC grinder with a floating cover and you get well-sealed and safe dust transport, from the floor to the dust bag.

Options



AUTOMATIC FILTER CLEANING*

Choose automatic filter cleaning and the machine will handle filter cleaning on its own as needed.



DURATIQ REMOTE CONNECTION*

Remotely connect the HTC D60 with a DURATIQ grinder and control the dust extractor remotely from the grinder's control panel or remote control unit.



LED LIGHTING*

Two separate LED units with spiral cords provide extra light at the working area. Freely positioned with magnets.

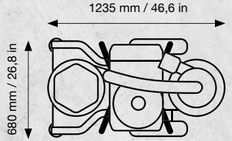


CLEANING KIT

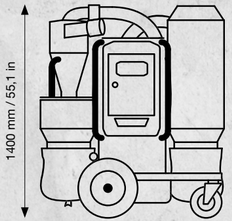
Cleaning kit that includes tubes with camlock couplings and nozzles.

* An option that can even be added afterwards.

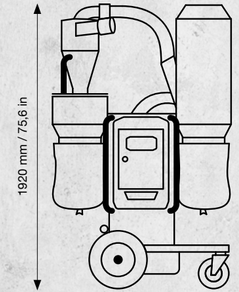
Dimensions



View from above



Lowest transport position



Highest operating position

Technical specifications

		HTC D60	HTC D60	HTC D60
Article no.		160601	160602	160603
Motor	**kW**	5.5	5.5	6.3
Current	**A**	30	15	15
Voltage	**V**	3 x 200	3 x 400	3 x 480
Frequency	**Hz**	50-60	50-60	60
Weight	**kg**	179	179	179
Transport dimensions l x w x h	**mm**	1235x680x1400	1235x680x1400	1235x680x1400
Working dimensions l x w x h	**mm**	1235x680x1920	1235x680x1920	1235x680x1920
Theoretical max. flow	**m^3/h**	530 @ 50Hz 620 @ 60Hz	530 @ 50Hz 620 @ 60Hz	620 @ 60Hz
Machine's initial airflow (ca)	**m^3/h**	430 @ 50Hz 500 @ 60Hz	430 @ 50Hz 500 @ 60Hz	500 @ 60Hz
Maximum under-pressure	**mbar**	375	375	375
Main filter area	**m^2**	4	4	4
HEPA 13-filter area	**m^2**	6	6	6
HEPA classification		HEPA H13	HEPA H13	HEPA H13
Sound pressure level per ISO 11202	**dBA**	82	82	82
Sound pressure level per ISO 3741	**dBA**	89	89	89
Recommended minimum cable area	**mm^2**	6.0 (AWG10)	2.5 (AWG14)	2.5 (AWG14)
Camlock connection	**inch**	3"	3"	3"
Recommended floor grinder size	**mm**	600-700	600-700	600-700





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