

HTC

Professional Floor Systems

Product sheet

HTC 2500 iX

- HTC 2500 iX - Industrialized



The first ever mobile grinding system

The HTC 2500 iX is the world's largest grinding machine. The machine consists of 3 grinding heads with 15 kW motors that grind up to 2.4 metres in width. It's the perfect machine for large areas that need to be grinded rapidly.

The machine is controlled with joysticks and, despite its size, is very easy to manoeuvre thanks to the articulated frame steering that provides an excellent swing radius. The driver sits in a cab with excellent visibility and has a clear control panel and a touch screen for all functionalities in front of him. The driver's cab is hydrobox-mounted, which insulates against all vibrations, ensuring the driver has a comfortable workday. The HTC 2500 iX has an integrated suction system that provides a good working environment, it is diesel-powered and has a particle filter so that it can be operated indoors without any problems. The grinding heads can easily be raised and lowered to make tool replacement easy and effective – EZchange of course!

In order to make the machine even more comfortable and user-friendly, you can equip it with air conditioning, a radio, CD

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player, DVD player and communications radio. If you need a powerful machine that strips large areas fast and effectively, then the HTC 2500 iX is the right machine! The HTC 2500 iX grinds up to 500 m² of HTC Superfloor™ during an 8-hour day.

- Easy to control with joystick and touch screen
- Easy to manoeuvre with computerised articulated frame steering
- Height-adjustable grinding heads make tool replacement easy
- Particle-filtered diesel motor enables indoor use
- Integrated suction system for handling grinding waste
- Hydrobox-mounted cab that insulates against all vibrations
- The machine is modular for simple servicing
- Adjustable grinding pressure
- Ergonomically constructed with option for multiple accessories
- Tasteful design with integrated systems
- Grinding width 2.4 m
- The grinding heads have 3 x 15 kW motors

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Name	HTC 2500 iX	HTC 2500 iX
Article Number	111859	111859
Length	5412 mm	213 inch
Width	2490 mm	98 inch
Height	2445 mm	96 inch
Weight	6300 kg	13,889 lbs
Motor output	3 x 15 kW	3 x 20.4 HP
Power consumption	3 x 32 Amp	3 x 32 Amps
Voltage	400 V	400 V
Frequency	60 Hz	60 Hz
Grinding pressure	Adjustable (310 +/-80) kg	176 - 683 lbs
Revolution speed	450 - 1400 r.p.m	450 - 1400 r.p.m
Grinding discs	12 x 270 mm	12 x 10.6 inch
Grinding head weight	3 x 310 kg	3 x 683 lbs
Grinding width	2400 mm	94.5 inch
Grinding motors	3	3
Water tank	55 L	14.5 gallons
Mist Cooler System	Yes	Yes
Generator	120 kVA, 400 V, 60 Hz	105 kVA, 400 V, 60 Hz
Engine	4 Cyl. Perkins Diesl 4,4 L. 157 hp (117kW)	4 Cyl. Perkins Diesl 4,4 L. 157 hp (117kW)
Fuel Tank	210 L	55.5 gallons
Operating time	Approx. 16 hours	Approx. 16 hours
Suction effect	Automated dust extraction system	Automated dust extraction system
Suction motor effect	19,5 kW	26 HP
Max theoretical airflow	1300 m ³	884 cfm
Control system	2 x 2-way joystick, computerized articulated steering	2 x 2-way joystick, computerized articulated steering
Suspension	3D floating system	3D floating system
Wheel Dimension	16" x 12"	16" x 12"

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Propulsion effect

2 x 6 kW

2 x 8 HP



4 head grinder (X model)

With a 4 head grinder you get an up to 30% more effective grinding and stripping and obviously a more level floor.



Flexible Grinding Cover

Together with the dust extractor it prevents dust to spread in the premises. Since HTC's grinding covers are flexible you can grind much closer to comers and edges.



MCS™ - Mist Cooler System

A small detail that makes a huge difference. Prevents the metal tools to overheat and significantly increase the machines stripping capacity. [Read more](#)



EZchange™

The HTC developed tool change system is quick, simple and safe. One tooling system for all HTC's grinding machines. [Read more](#)



Good working environment

HTC's machines are perfectly balanced during grinding with vibration levels much lower than the threshold values. Sound levels are very low and grinding is more or less dust free.

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