

SETTING NEW  
STANDARDS



HYPER  
GRINDER

RTK  
**650**



MADE IN ITALY

# RTK 650



## RTK 650

Single disc grinder ideal for surface preparation in large areas. Variable speed gives the operator greater performance in situations such as removing the adhesive coating when excessive speed generates heat, making removal difficult. The tools are mounted on a floating disk fixed on an anti-shock joint that guarantees maximum reliability. RTK 650 is the only single-disc grinder equipped with an electric piston that allows the regulation of the tool pressure and to stabilize the machine to prevent the operator from unexpected reactions during sanding operations. The result is a unique, new machine, perfect for a wide range of jobs on floors. RTK 650 is equipped with vibration dampers both on the smoothing disk and on the sensitive parts of the sander in order to minimize vibrations on the operator and on the machine itself. RTK650 is a heavy-duty machine that offers exceptional performance, intelligent ergonomics for easy handling. The typical design and quality 100% Made in Italy guarantee reliability, longevity and top class performance. HG Hyper Grinder also produces a complete range of diamond tools for RTK 650 ranging from the most aggressive grinding tools for screeding, the removal of very thick layers of over thickness up to the finest grinding tools ideal for finishing and polishing of concrete floors .

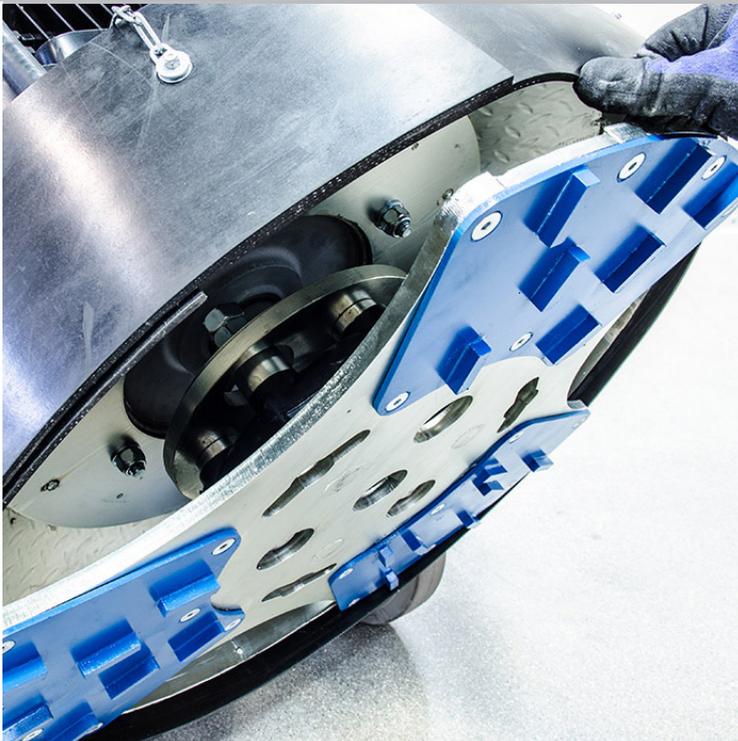
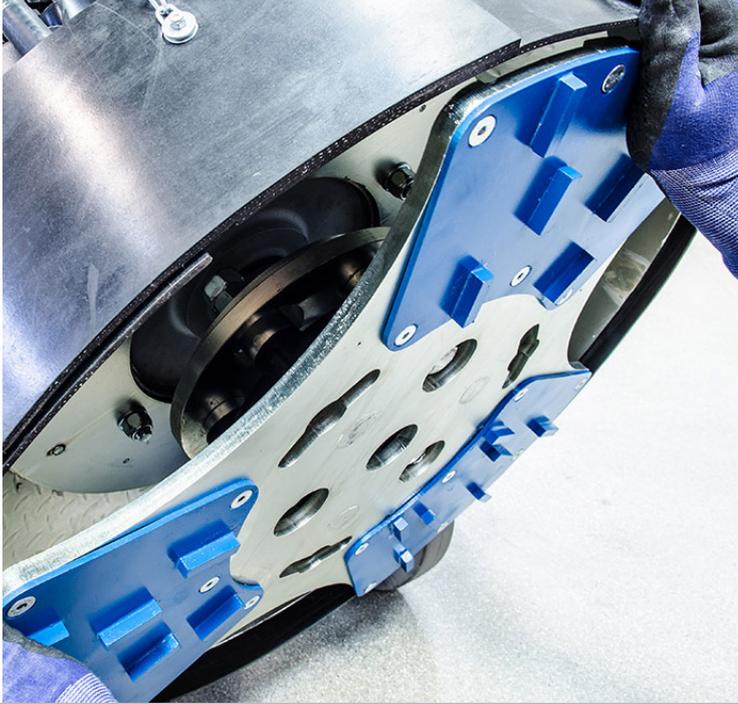
### DATI TECNICI

Model	Motor	Drive Inverter	Volt	Hertz	Amp	Tools Speed	Work Diameter	Tools Size	Water Tank	Size LxAxP cm	Weight
RTK 650 VS	15 HP	15 kW	380-480	50/60	25	700-1100 rpm	650mm	1x650mm	46 lt	120x125x67	320 Kg



# RTK650 is a heavy-duty machine that offers exceptional performance, intelligent ergonomics for easy handling.

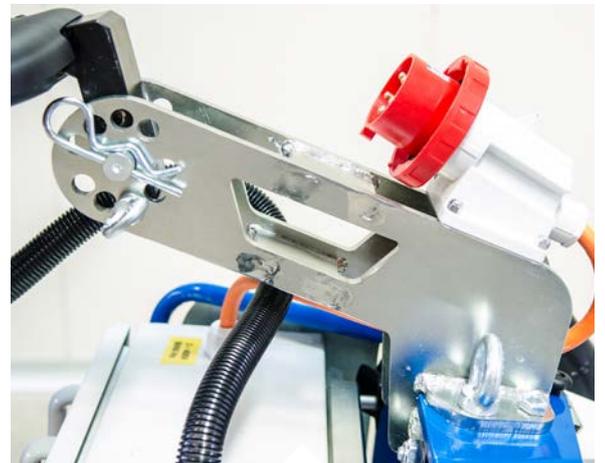
## Floating disk and Anti-Shock joint



Linear actuator with electric adjustment of the working pressure.



Re-adjustable handle up to 90°.



Quick and secure handle adjustment pin. Eyebolts for lifting.



**Volume**  
1,31 m<sup>3</sup>

**Size**  
120x80x136 cm

**Weight**  
372 Kg

# RTK 650





# WHY CHOOSE RTK

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## EUROPEAN CERTIFIED

The HRC series complies with safety standards Art. EN 60204-1



NO BELTS  
TO BREAK

## TRANSMISSION WITH TEMPERATED GEARS

Planetarium in 100% tempered metal and without drive belt. The gear transmission system allows the machine to work continuously while maintaining high performance. No time wasted and pauses on the site construction due to broken belts. Belt drive planet gauges do not guarantee the same performance compared to planetary gearboxes, they are also subject to breakage during work and require long repair times.

Warning: in many grinders the main dish and the satellites do not work together: if you lock a satellite the main dish keeps rotating, drastically reducing the performance of the machine.



## SELECTOR TO LOCK THE INVERTER DOOR

This device prevents opening the door before switching off the electrical panel.



## SAFETY DEVICE DEDICATED TO MONITORING THE EMERGENCY CIRCUIT

This device automatically switches off the machine in the event of a fault in the electrical system, preventing possible damage and repair costs. HG HYPER GRINDER uses the highest quality electrical components and complies with safety regulations.





### ADJUSTABLE WEIGHTS.

180 ° overturning system for extra weight. The displaced weights increase the grinding pressure. The weights tilt back facilitating easy of use (optional).



### EMERGENCY AND SAFETY BUTTON

The emergency button immediately stops the engine and all the “moving parts” (such as tools) avoiding any possible danger.



### RESET FOR THE SECURITY SYSTEM

The new ignition (restart) after any stoppage can not happen accidentally. Each restart must be active and not passive, if for example an operator accidentally connects the power supply, the machine does not start up again. To restart the machine the operator must correctly follow all the instructions. Even after switching off with the emergency button, many machines on the market start automatically after reconnecting the power supply, if this happens accidentally when the operator is intent on changing tools, the risk becomes very high.



### ADJUSTABLE HANDLE UP TO 90°

Handle in the rest position to reduce the clutter in the warehouse and in transport.



### RAPID WATER CONNECTION

Convenient quick connection for connecting the water pipe directly. The tap allows you to adjust the water supply on the floor.



### OPTIMIZED SUCTION SYSTEM

Connection to the vacuum cleaner in order to work dry and without dust.



### SPEED CONTROLS

- Possibility to control the speed of the planetarium from 600 to 1300 rpm. Many sanders on the market instead have a limited speed range.
- Possibility to set 3 speed grades of the traction motors.



### 46 LITER WATER TANK

The water tank is imperative during wet grinding. Many grinding machines on the market do not have a tank or have a smaller one.



### EFFECTIVE WEIGHT DISTRIBUTION

The HRC grinders are built with the engine positioned on the centre of the planetarium thus ensuring a perfect balance and maximum working pressure in all conditions and surfaces including Marble, Terrazzo and Concrete. Many grinders on the market, on the other hand, are not suitable for polishing and polishing marble floors.



### WE GIVE IMPORTANCE TO STEEL

HRC sanders are designed to be very robust and reliable over time: • Frame in treated and painted steel. • Planetarium sump is made of almond metal and galvanized for and protects from shocks. Many grinders have a plastic casing that is easy to break, do not protect the tools from impact and do not allow to work flush against the wall.



### 2 YEARS WARRANTY

The GUARANTEE for HG grinder with "hour counter" is extended up to 2 years or 600 hours. To receive the extended warranty you will need to follow the maintenance schedule at an authorized HG HYPER GRINDER workshop. The first maintenance must be performed within a year or 500 hours of work.



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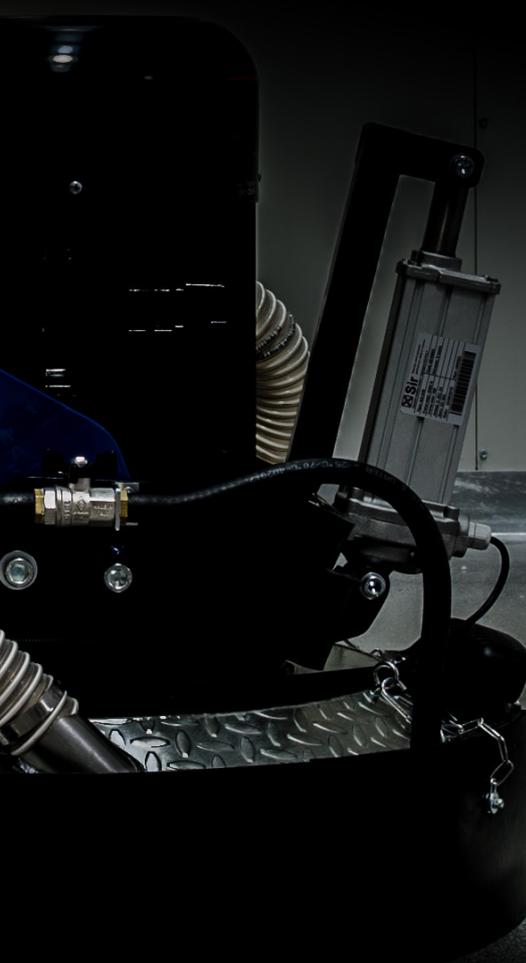


H Y P E R  
G R I N D E R

R T K  
6 5 0



POWERFUL FRONT AND REAR LED  
(OPTIONAL)





# SETTING NEW STANDARD



**HG HYPER GRINDER S.R.L**  
Via Chieti, 6 | 65121 Pescara (PE) | ITALY  
P.Iva 02223280682 | [hypergrinder@pec.it](mailto:hypergrinder@pec.it) | Tel +39 085 9218160  
[www.hypergrinder.com](http://www.hypergrinder.com) | [info@hypergrinder.com](mailto:info@hypergrinder.com)

Your Distributor:



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