



HYPER
GRINDER

HRC
880

SELF TRACK



MADE IN ITALY

HRC 880 SELF TRACK



HRC 880 SELF TRACK FLOOR GRINDER WITH DCT SYSTEM

The new floor grinder **HRC 880 SELF TRACK** has 2 traction dedicated motors that allow to operate the machine in all directions. The ergonomic controls on the handle permits any operator to set and drive the drift control as well as the direction and the working speed of the machine. With the **HRC 880 SELF TRACK**, hourly productivity can be significantly increased by minimizing the risk of problems arising from manpower fatigue at the same time. The DCT system allows you to choose to smooth use only using the rotation of the tools (DCT ON mode), or with the classic complete rotation of the planetary (DCT OFF mode).

MAIN CHARACTERISTICS:

- Single-shell chassis, robust and compact for less space.
- Tempered stainless steel planetary and gear box. Fully geared transmission.
- 180 ° overturning system for extra weight. (Optional).
- Third wheel for easy transportation and for operations on very large surfaces (Optional).
- Utensils free quick attachment system for diamond tools.
- 46 litre water tank.
- Powerful front and rear LED spotlights (Optional).
- Noise reduction levitating planetarium.
- 2 Year Warranty: The GUARANTEE for machines equipped with "hour counter" is up to 2 years or 600 hours of work.

TECHNICAL DATA

Model	Motor	Drive Inverter	Volt	Hertz	Amp	Tools Speed	Work Diameter	Tools Size	Water Tank	Size LxAxP cm	Weight
HRC 880 ST	20 HP	15 kW	380-480	50/60	30	400-1300 rpm	880mm	4x340mm	46 lt	90x130x120	-- Kg

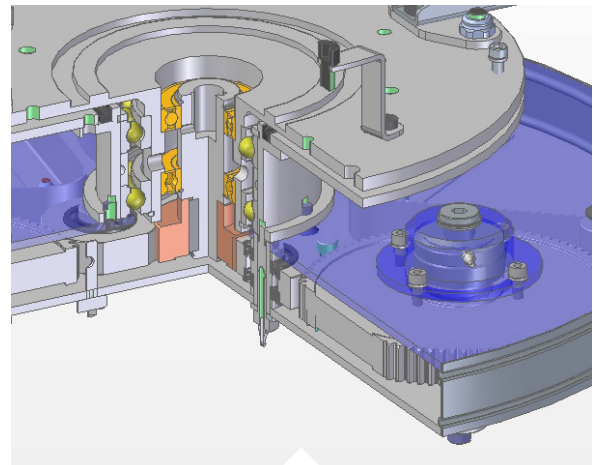


HYPER GRINDER

SELF TRACK planetary grinding and polishing machine with variable speed and exclusive double rotation system “Dual Cut Tech”.



SELF TRACK COMMAND.



FULL METAL GEAR BOX. PLANETARY HEAD that is 100% tempered metal and geared driven not belt.



Drive lever system. DCT.

ESTIMATED PRODUCTION

Concrete Polishing 7 step	30-35 m ² /h
Concrete Grinding 1 step	100-130 m ² /h
Terrazzo Polishing 5 step	35-45 m ² /h
Resin Removal 1 step	150-180 m ² /h
Paint Removal 1 step	150-180 m ² /h
Marble Polishing 5 step	25-35 m ² /h
Granite Polishing 7 step	15-20 m ² /h

Data may vary depending on surface conditions, tools used, operator convenience, equipment, etc.



Volume
1,80 m³

Size
150x150x95 cm

Weight
-- Kg

DUAL CUT TECH

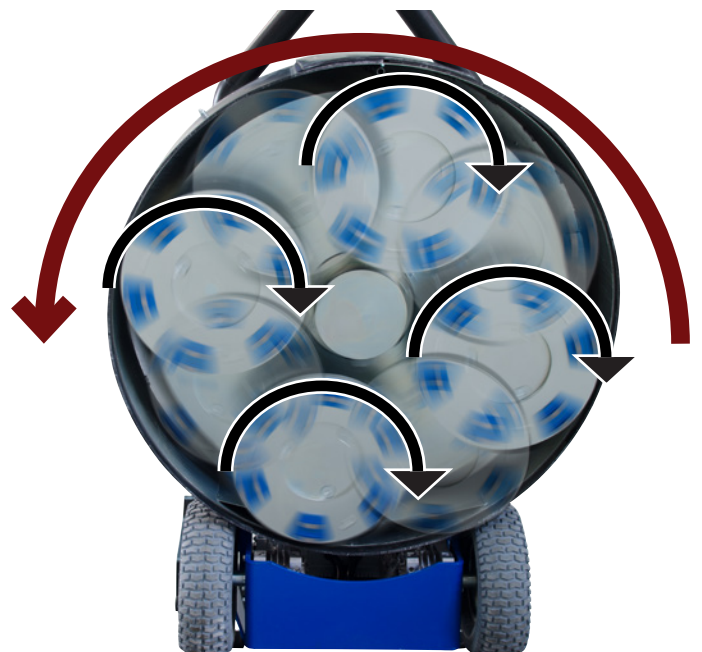
The new range of HRC grinders introduces the exclusive DCT transmission. Thanks to this innovative function, it is possible to lock the rotation of the main plate and allow only the rotation of the tools simply by pressing a lever on the planetary (DCT ON). With the DCT in the ON position you gain higher speeds of the satellites for a more aggressive and effective grinding. The DCT ON system is ideal for glue and resin removal work, surface preparation and floor levelling. Turning off the DCT (DCT OFF) lever will cause the main plate to rotate in the direction of the tools. In DCT OFF mode the planetarium is counter-rotating for general polishing, marble polishing, natural stone and concrete.

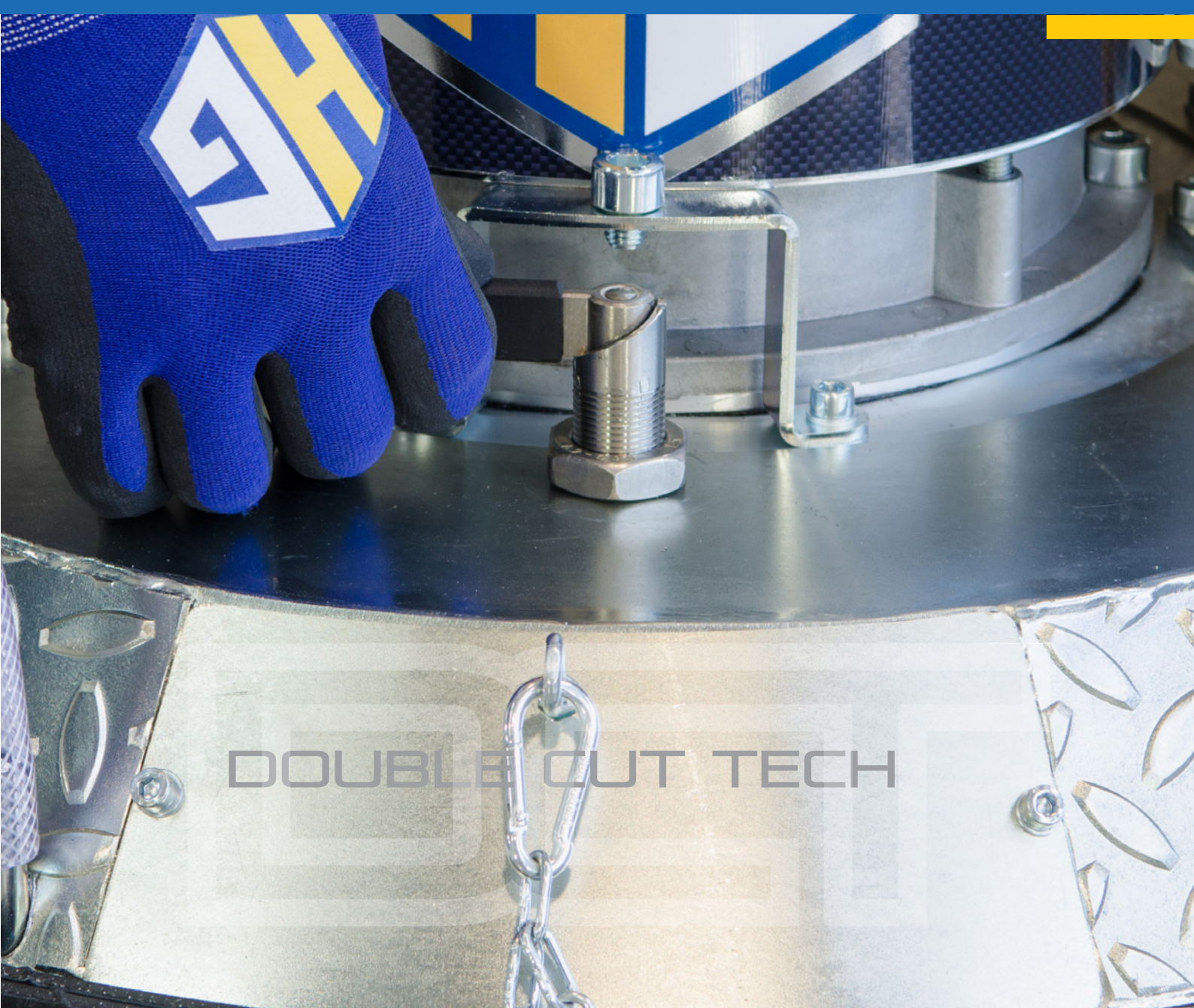


DCT ON: Only allows rotation of the tool holder satellites, this option makes HRC extremely effective and aggressive for the preparation, removal of glues and resins, for levelling the surface and for rapid exposure of the concrete aggregate.

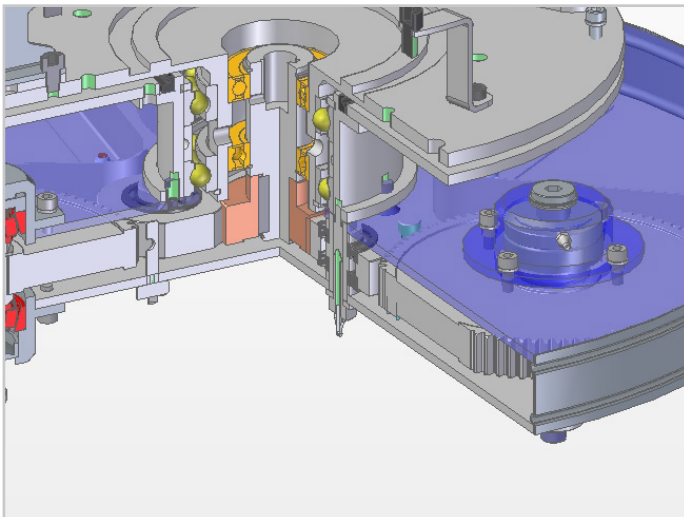


DCT OFF: Allows rotation of the planetary in counter-rotating mode, ideal for sanding and polishing concrete, marble and natural stone floors.





PLANETARY **HRC SERIES**



Discover the HRC 880 PLANETARY SYSTEM: Uncompromising Strength and Reliability.

The HRC 650 planetary system sets the standard for excellence in strength and reliability. Designed for long-term durability, it is the go-to solution for those seeking superior performance with zero worries.

Key Features:

- **Tempered steel gears:** Maximum strength and durability.
- **No belts prone to breakage:** Less maintenance, higher productivity.
- **Superior performance:** Ensures more stable, quieter, and efficient sanding.

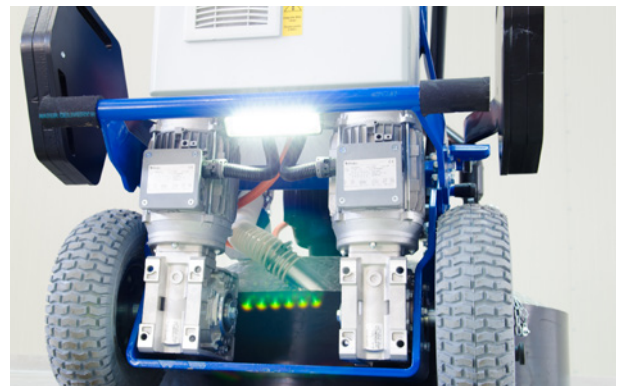
Take your sanding experience to the next level with the new **HRC 880 PLANETARY SYSTEM**: reliability you can count on, performance that makes a difference.

HRC 880

SELF TRACK



HYPER GRINDER



Powerful traction motors.



FOLDABLE third wheel.



REMOVABLE third wheel.

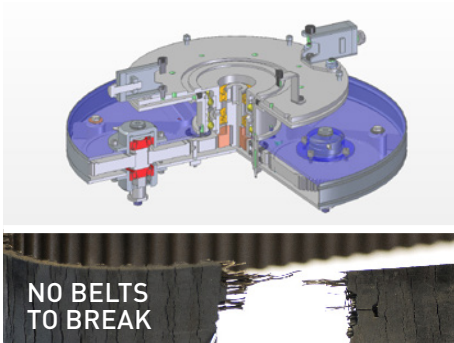
WHY CHOOSE HRC

SETTING NEW STANDARDS



EUROPEAN CERTIFIED

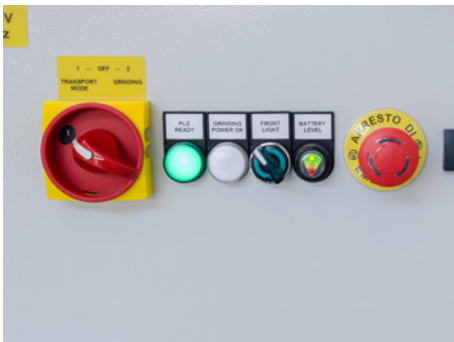
The HRC series complies with safety standards Art. EN 60204-1



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.



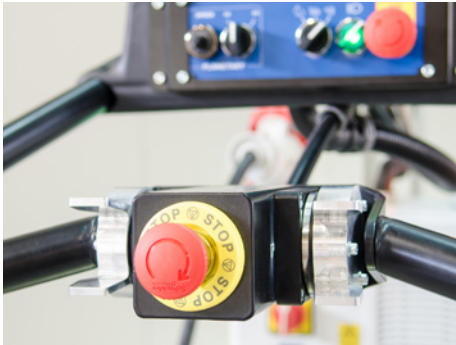
SAFETY DEVICE DEDICATED TO MONITORING THE EMERGENCY CIRCUIT

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

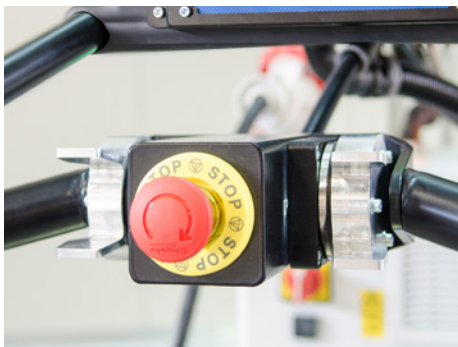
The HRC grinders are built with the engine positioned on the centre of the planetarium thus ensuring a perfect balance and maximum working pressure in all conditions and surfaces including Marble, Terrazzo and Concrete. Many grinders on the market, on the other hand, are not suitable for polishing and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



WE GIVE IMPORTANCE TO STEEL

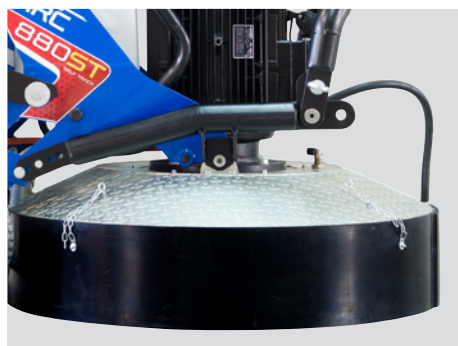
HRC sanders are designed to be very robust and reliable over time: • Frame in treated and painted steel. • Planetarium sump is made of almond metal and galvanized for and protects from shocks.

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.



SELF TRACK SYSTEM

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SPLASH GUARD

In long duration neoprene.



EASY TRANSPORT

The SELF TRACK versions with the aid of the front three-wheeler allow the machine to be moved. The powerful traction motors allow the machine to be moved even on uneven surfaces or with a steep slope such as van platforms.



REMOVABLE FRONT WHEEL.

The third removable front wheel offers the following advantages:

- Facilitates transport, loading and unloading.
- Easy tool change.
- It is very useful when working on very uneven surfaces.

Many competitive machines do not have a front wheel.



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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SETTING NEW
STANDARDS



HYPER
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POWERFUL FRONT AND REAR LED
[OPTIONAL]



- 2 x 16A 1Ph 200V sockets • 1 16A 3Ph 5P 400V socket • 1 32A 3Ph 5P 400V socket • V0 self-extinguishing fiberglass cassette • IP 65 protection rating • 2 mt. of H07RN-F cable and CEE IP67 plug • Protected sockets with Interlocked Magnetothermic Differential • Emergency button always present • Grounding screw • Thermo-hardener handle for portable use • Brackets for wall mounting. Particularly suitable for construction sites and uncomfortable environments.

The framework is equipped with the new LED system that helps you to always keep under control the line of your yard. It allows you to immediately identify where the fault is. The LED system also displays the arrival of the earth, allowing you to always work safely.

POWER ADAPTERS

with extension of 25 mt. 5G6 with 32A 5P 400V plug

TFG20101/SPRT Power adapters



- 2 x 16A 1Ph 200V sockets • 1 x 16A 3Ph 5P 400V sockets • 1 x 32A 3Ph 5P 400V sockets • V0 self-extinguishing fiberglass case • IP 65 protection rating • 2 mt. of H07RN-F cable and CEE IP67 plug • Protected sockets with Interlocked Magnetothermic Differential • Emergency button always present • Grounding screw • Thermo-hardener handle for portable use • Brackets for wall mounting. Particularly suitable for construction sites and uncomfortable environments.

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POWER ADAPTERS

Robust 200 from 25 mt. 5G10 3P + N + T with 63A Series HQ plug

TFG20101C Power adapters



EXTENSION FROM 25 MT.

5G6 with 32A 5P 400V plug

PR38073056 Extension



TESTER

network presence on a single phase + neutral + earth

TST-04	Three-phase plug 400V 5 poles 32A
TST-02	Three-phase plug 400V 5 poles 16A
TSM-01	Civil plug 200V 16A
TSM-02	Shuko plug 200V 16A



EXTENSION

Robust 200 from 25 mt. 5G6 3P + N + T
with 32A Series HQ plug

CM035701

Extension



EXTENSION

Robust 200 from 25 mt. 3G4 2P + T
with 16A Series HQ plug

CM036501

Extension



EXTENSION

Robust 200 from 25 mt. 5G6 3P + N + T
with 16A Series HQ plug

CM036101

Extension



EXTENSION

Robust 200 from 25 mt. 5G10 3P + N + T
with 63A Series HQ plug

CM035301

Extension



MULTIPLE

3 outputs 3P + N + T with 400V / 200V cable

VB1850

Multiple



MULTIPLE

with 3 outputs 1P + N + T with 200V cable

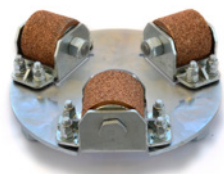
VB1552

Multiple

HRC TOOLS



BUSH HAMMER exclusive tool useful for many applications.



SANDBLASTING sandblasting effect



PDC SCRAPER for resin removal and thick coatings.



PDC HYPER SCRAPER for resin removal and thick coatings.



TCK ARROW for resin removal and paints on hard concrete floors



BT ROUND for the removal of lower thickness resins and paints.



TCK SERIES preparations and removal of coatings on concrete floors.



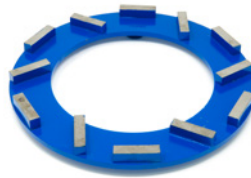
HG-M diamond tools for medium abrasive concrete.



HG-H diamond tools for grinding HARD floors.



HG-S diamond tools for soft concrete.



HG-A diamond tools for very abrasive and asphalt concrete.



HG-P for standard concrete.



TRAPEZOIDS



SPRING HOLD SYSTEM for perfect and homogeneous concrete polishing.



JUMPY GREEN for smoothing and polishing concrete floors.



SERIES MM metal diamond discs for polishing marble.



JUMPY YELLOW Resin disks for polishing marble floors.



SERIES MTM To smooth terrazzo, agglomerate, limestone, travertine and abrasive floors.



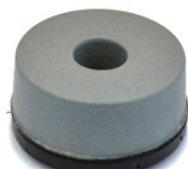
JUMPY ORANGE for polishing granite, Terrazzo, Limestone and Sown.



SERIES GM Metal diamond discs for smoothing granite and stoneware.



JUMPY RED Resin diamond disks for polishing granite and stoneware.



PAVELUX to remove mastic or polish marble and granite.



ANTIQUE BRUSH system for anti-aging marble, stone and terracotta.



TOOLS BOX Complete kit for grinding and polishing.



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rev.11122024