

SETTING NEW
STANDARDS



HYPER
GRINDER

HRC
880
M/RX/AD



MADE IN ITALY

HRC

880

M/RX/AD



REMOTE CONTROL
WITH AUTOPILOT FOR
AUTODRIVE VERSION

PROFESSIONAL GRINDER WITH DCT TECHNOLOGY

- The DCT technology allows you to choose between two operating modes:
- **DCT ON:** rotation of the tools only.
- **DCT OFF:** full rotation of the planetary system.

MAIN FEATURES:

- **4-satellite planetary system** for uniform and effective grinding.
- Compact and robust **monocoque frame** to reduce bulk and increase stability.
- **180° tiltable additional weight system** (standard): Weights in front position: increased grinding pressure Weights in rear position: easier tilting for tool replacement.
- **Large 46-liter water tank**, ideal for extended operations.
- **Front and rear LED work lights** (optional), for optimal visibility even in poorly lit environments.
- **Fully gear-driven transmission with heat-treated components** to ensure maximum reliability and long service life.
- **Low-noise floating planetary system** for quieter and more comfortable operation.
- **2-year warranty:** valid up to 2 years or 600 working hours for machines equipped with hour counter.

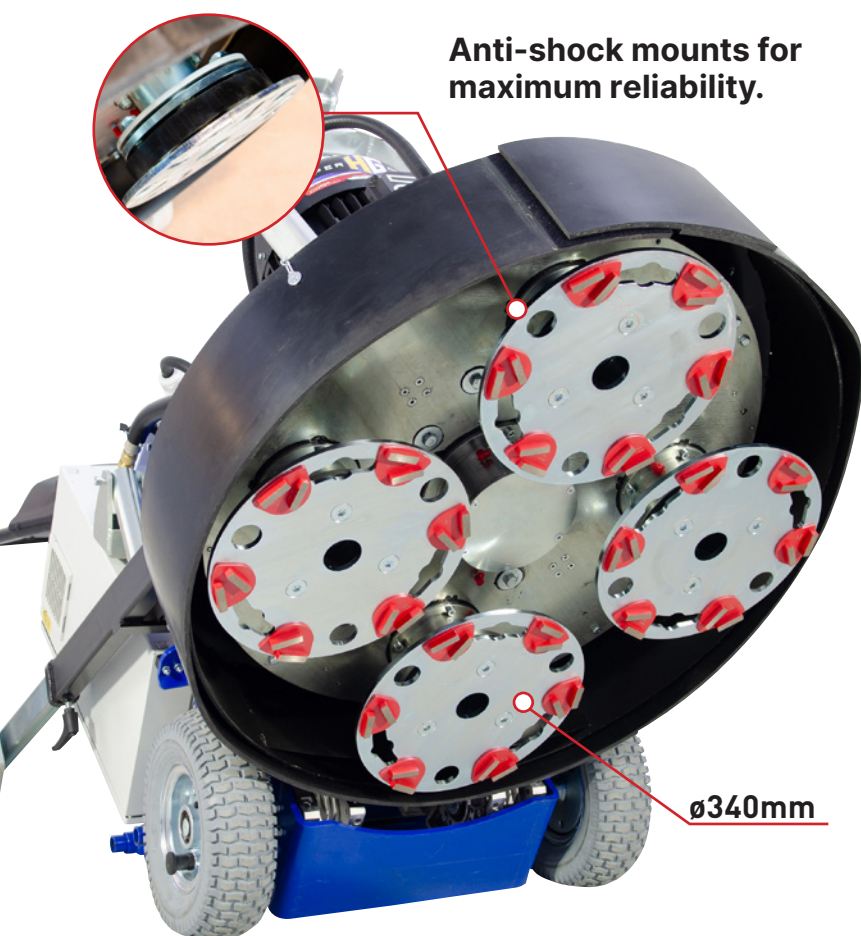
TECHNICAL DATA

Model	Motor	Drive Inverter	Volt	Hertz	Amp	Tools Speed	Working Width	Tools Size	Water Tank	Dimensions (LxHxW cm)	Weight
HRC 880 RX	20 HP	15 kW	380/480	50/60	30	400-1300 rpm	880mm	4x340mm	46 lt	90x130x120	780 Kg



HYPER GRINDER

Professional Grinder with Exclusive Dual Rotation system "Dual Cut Tech".



OPTIONAL:

- Front and rear light kit (HG105402)

ESTIMATED PRODUCTIVITY

Concrete Polishing 7 step	35-40 m²/h
Concrete Grinding: 1 step	170-200 m²/h
Terrazzo Polishing: 5 steps	40-50 m²/h
Resin Removal: 1 step	170-200 m²/h
Paint Removal: 1 step	170-200 m²/h
Marble Polishing: 5 steps	30-40 m²/h
Granite Polishing: 7 steps	20-25 m²/h

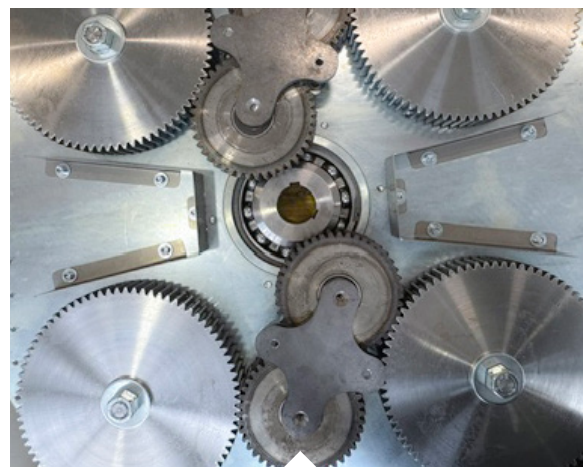
Data may vary depending on surface conditions, tools used, operator experience, equipment, etc.



Package volume
2,75 m³

Package dimensions
160x160x110 cm

Package weight
845 Kg

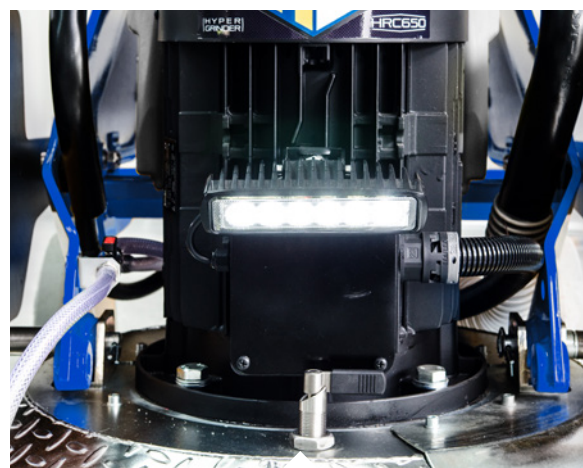


GEAR TRANSMISSION.

Planetary system made entirely of hardened metal, 100% belt-free.



DCT System Activation Lever.



POWERFUL FRONT AND REAR LED LIGHTS (OPTIONAL)

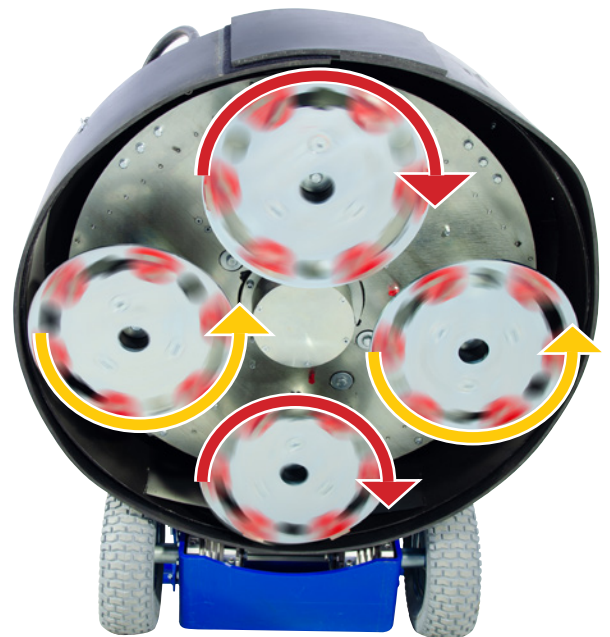
DOUBLE CUT TECH

The new HRC series grinders introduce the exclusive DCT transmission. Thanks to this innovative feature, it is possible to lock the rotation of the main plate and allow only the rotation of the tools by simply operating a lever located on the planetary gear (DCT ON). With the DCT in the ON position, the satellite gears achieve higher speed for more aggressive and effective grinding. The DCT ON system is ideal for glue and resin removal, surface preparation, and floor leveling.

By disengaging the DCT lever (DCT OFF), the main plate will begin to rotate in the opposite direction of the tools. In DCT OFF mode, the planetary gear counter-rotates for grinding and polishing marble, natural stones, and concrete.

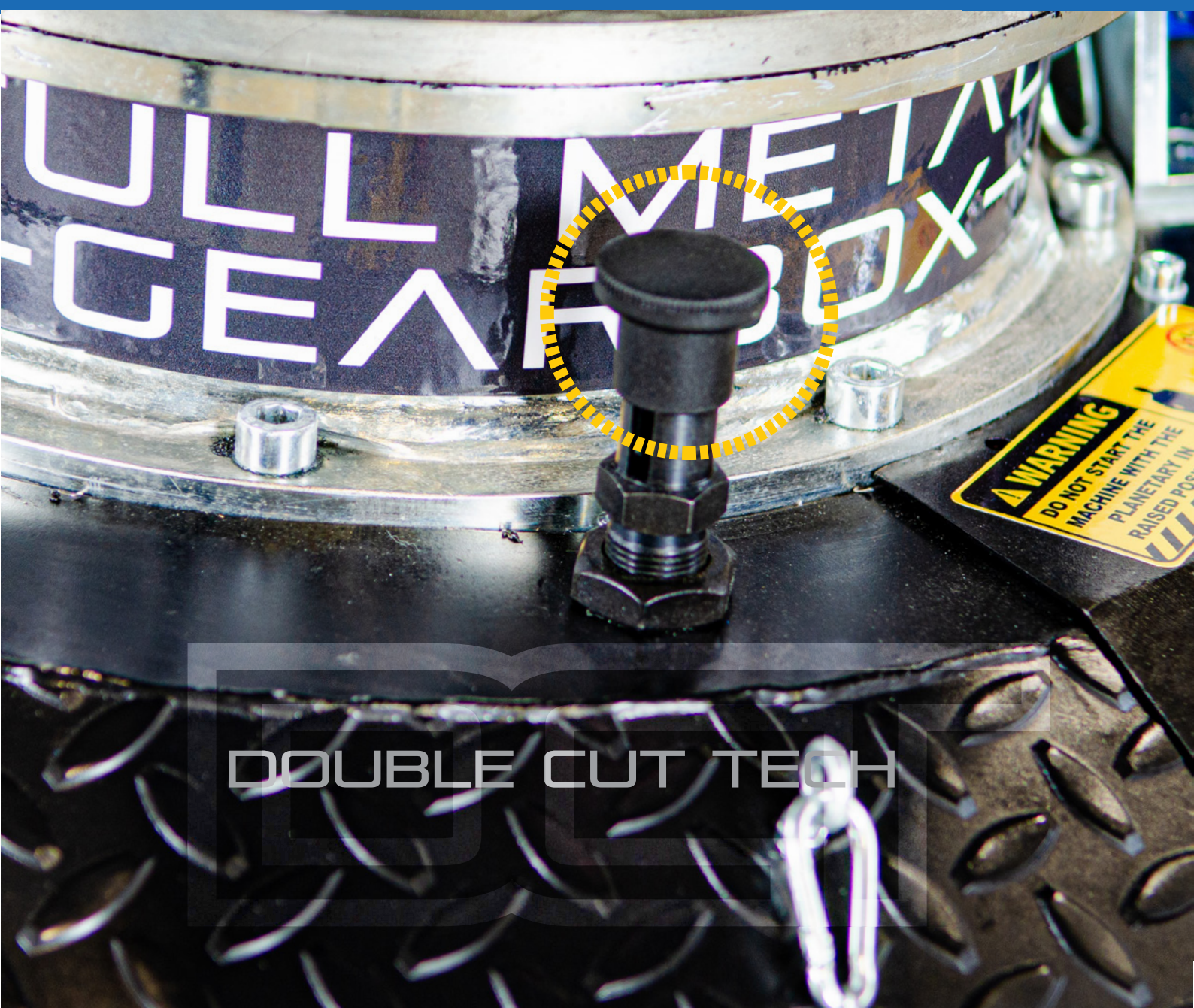


DCT ON: The main plate is locked, allowing **only the rotation of the satellite** tool holders: **two rotate clockwise** and **two counterclockwise**. This configuration makes the HRC grinder extremely effective and aggressive during surface preparation, adhesive and resin removal, surface leveling, and the rapid exposure of the concrete aggregate.

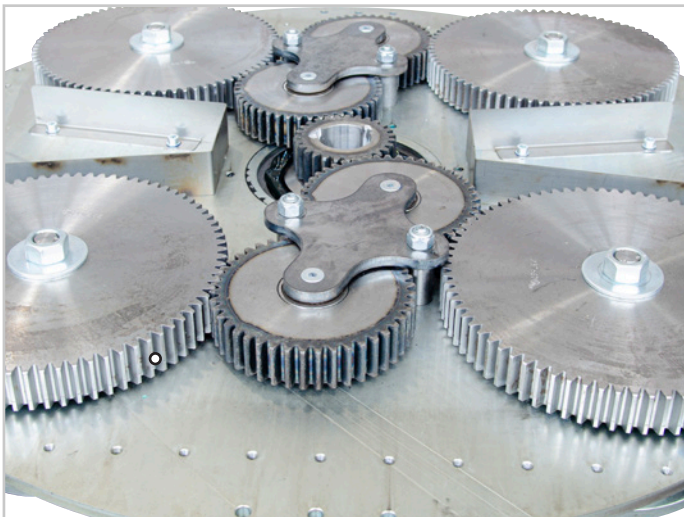


DCT OFF: The entire planetary system rotates in **counter-rotating mode**, with two satellites spinning clockwise and two counterclockwise. This configuration ensures balanced and precise operation, making it ideal for grinding and polishing concrete, marble, and natural stone floors, delivering uniform and high-quality results.





HRC SERIES PLANETARY



Discover the PLANETARY HRC 880: uncompromising strength and reliability

The HRC 880 planetary represents excellence in terms of robustness and dependability. Designed to last over time, it is the benchmark for those seeking superior performance and peace of mind.

Key features:

- **Hardened steel gears:** maximum strength and durability.
- **No belts prone to breaking:** less maintenance, more productivity.
- **Superior performance:** ensures grinders that are more stable, quieter, and efficient.

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

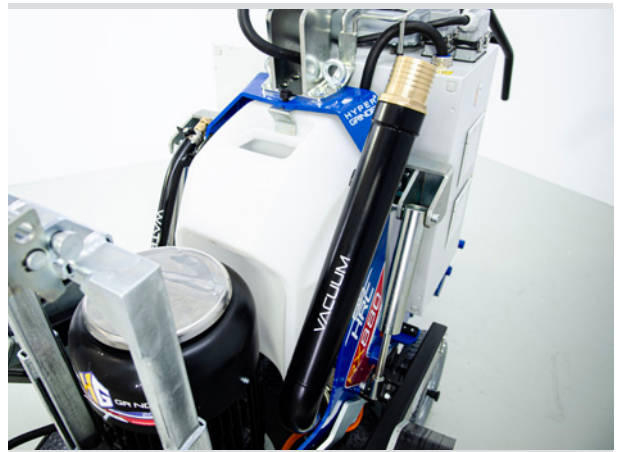
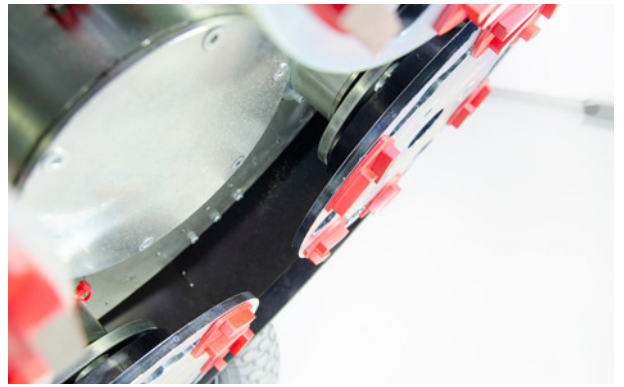
HRC 880

M/RX/AD





The **HRC 880** is the ideal choice for those seeking a powerful, productive, and reliable grinder for working on large surfaces.



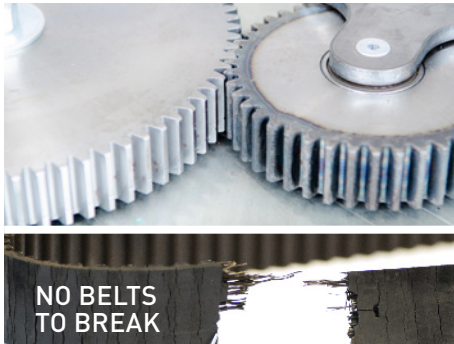
WHY CHOOSE THE HRC 880

SETTING NEW STANDARDS



SAFETY RULES

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



TRANSMISSION WITH HARDENED GEARS

Planetary gear is 100% made of hardened metal and belt-free. The gear transmission system allows the machine to work continuously while maintaining high performance. No downtime or worksite pauses due to broken belts.

Planetary grinders with belt transmission do not offer the same performance as those with gear transmission. Additionally, belts are prone to breakage during operation and require long repair times.



SELECTOR TO LOCK THE INVERTER DOOR

This device prevents the door from being opened before the electrical panel is switched off.



SAFETY DEVICE DEDICATED TO EMERGENCY CIRCUIT MONITORING

This device automatically shuts down the machine in case of a fault in the electrical system, preventing possible damage and repair costs. HG HYPER GRINDER uses top-quality electrical components compliant with safety regulations.



TILTABLE WEIGHTS (STANDARD)

Supplementary weights system with 180° tilt. Weights moved forward increase grinding pressure. Weights moved backward facilitate tilting for tool change.



EMERGENCY AND SAFETY BUTTON

The emergency button immediately stops the motor and all moving parts (such as the tools), preventing potential hazards.



NEW DASHBOARD

HG Hyper Grinder introduces the new dashboard for the grinding machines. Cup holder and 2 USB sockets to make your job even more comfortable.



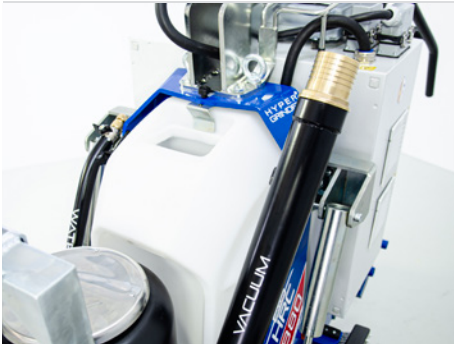
ADJUSTABLE HANDLE UP TO 90°

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.



VARIABLE SPEED.

From 600 to 1300 rpm Many grinders on the market instead have a limited speed range.



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 planetary 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-YEAR WARRANTY

The WARRANTY for HRC grinders equipped with an hour counter is extended up to 2 years or 600 working hours. To receive the extended warranty, the maintenance program must be followed at an authorized HG HYPER GRINDER service center. The first maintenance must be carried out within one year or after 500 working hours.

HRC880 TOOLS



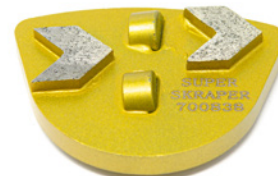
BUSH HAMMER exclusive tool useful for many applications.



PDC SCRAPER for resin removal and thick coatings.



SCRAPER BT00 ARROW for resin removal and paints on hard concrete floors



HYPER PDC SCRAPER for resin removal and thick coatings.



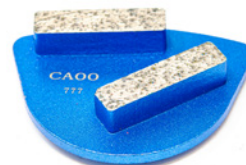
BT ROUND for the removal of lower thickness resins and paints.



TCK SERIES preparations and removal of coatings on concrete floors.



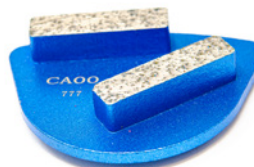
A SERIES diamond tools for very abrasive and asphalt concrete.



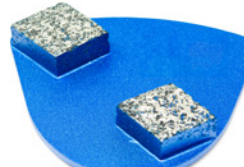
S SERIES diamond tools for soft concrete.



M SERIES diamond tools for medium abrasive concrete.



H SERIES diamond tools for grinding HARD floors.



X SERIES diamond tools for very hard concretes.



P SERIES for standard concrete.



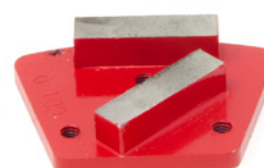
MM SERIES metal diamond discs for polishing marble.



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



VELCRO HOLDERS for resin-bonded tools with ø75mm diameter.



TRAPEZOIDS



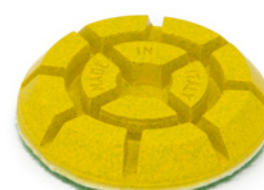
JUMPY GREEN for smoothing and polishing concrete floors.



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



JUMPY RED Resin diamond disks for polishing granite and stoneware.



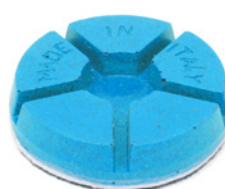
JUMPY YELLOW Resin disks for polishing marble floors.



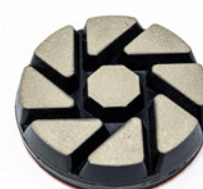
CONDOR GREEN resin-bonded tools for polishing concrete floors.



CONDOR ORANGE for polishing terrazzo, terrazzo mosaic, and limestone.



CONDOR UNIVERSAL Discs for long-lasting use and excellent finish.



CERY Discs for removing scratches caused by metal tools.



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