

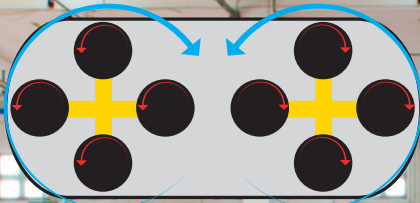
GRINDER TROWEL



SETTING NEW
STANDARDS



**HYPER
GRINDER**



PLANETARY POWER TROWELS

Text

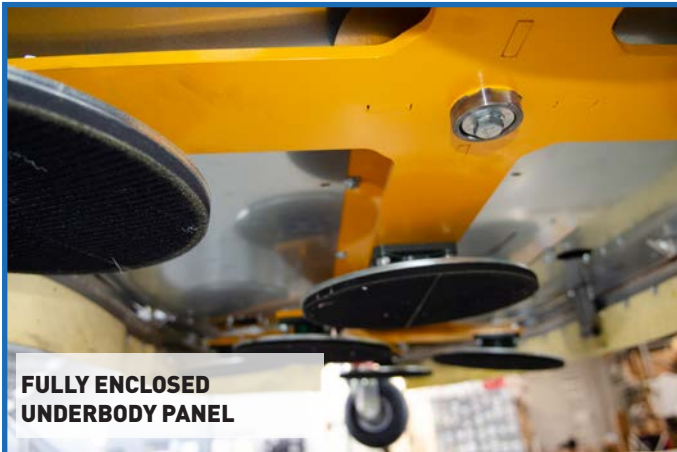


**THE BEST SYSTEM FOR POLISHING CONCRETE
FLOORS WITH POWER TROWEL**

**THE FASTEST AND MORE
CONVENIENT SOLUTION**

FOR GRINDING AND POLISHING CONCRETE FLOORS

HG GRINDER TROWELS PLANETARY TROWELS WITH DUST PROOF SYSTEM. DUST WILL NO LONGER BE A PROBLEM.



FULLY ENCLOSED
UNDERBODY PANEL



CLEAR VINYL DUST
PROTECTION BOOT

TOTAL DUST PROTECTION

The HG Grinder Trowels feature a **dust-proof frame**, fully enclosed at the bottom and equipped with external rubber guards.

The gears, motor, and operator's station are carefully protected from dust and mud, allowing for smooth operation and easy machine maintenance.



MOTOR PROTECTED FROM
DUST AND MUD FROM THE
PLANETARY SYSTEM



DURABLE NEOPRENE
SPLASH GUARD

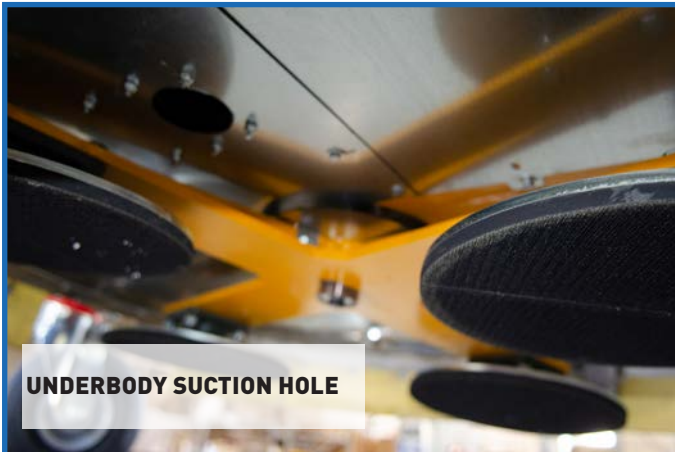


ADJUSTABLE LED
LIGHTS

POWERFUL LED LIGHTS

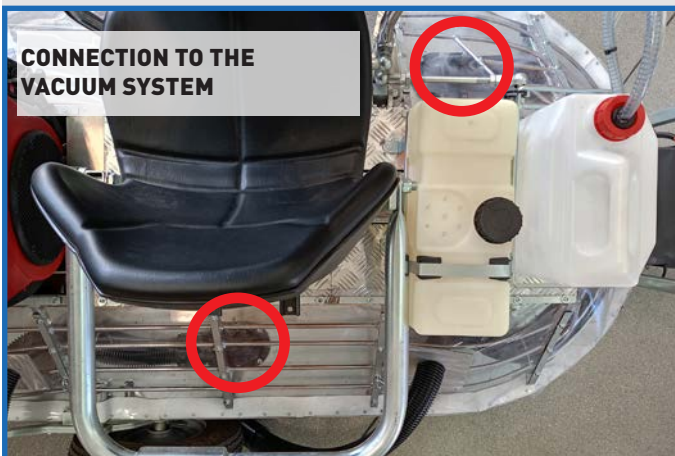
The HG Grinder Trowels are equipped with **4 powerful LED spotlights**, ideal for working safely even in poorly lit construction sites.

HG GRINDER TROWELS, THE BEST TROWELS DESIGNED TO WORK IN ANY CONDITION.



INTEGRATED VACUUM SYSTEM

The HG Grinder Trowels feature an integrated vacuum system, allowing for virtually dust-free dry operations.



TRANSPORTATION SYSTEM

The HG Grinder Trowels are equipped with a towing lever and 3 pneumatic wheels that easily attach to the frame, ensuring extremely easy transportation.

To face the increasing demand for grinding, consolidating and polishing of large sized concrete floors, HG has developed a range of dedicated power trowel machines . Thanks to counter rotating planetary installed in place of the traditional blades; to the upgraded motors and to the anti-slip clutch, large sized areas can be polished with very low costs and production times.

FAST PROCEDURE

UP TO 2000 m²
PER DAY

OPTIMAL SOLUTION TO ACHIEVE A GLOSSY,
PROTECTED AND EASY TO KEEP SURFACE



Spiral Hero 0
Wet grinding



**Concrete Hardener
+ KH120WP**
To consolidate



Hyper King 2
Dry polishing



**Concrete Guard
Lithium WP2**
Final protection



PREMIUM PROCEDURE

UP TO 1000 m²
PER DAY

IDEAL SOLUTION TO ACHIEVE A PERFECTLY
PLANAR, SMOOTH, GLOSSY SURFACE
WITH HIGH MECHANICAL AND CHEMICAL
RESISTANCE. STAIN PROOF AND EASY TO
MAINTAIN.



Jumpy Hero 1
Wet grinding



**Concrete Hardener
+ KH120WP**
To consolidate



Jumpy Hero 2,3,4
Dry polishing

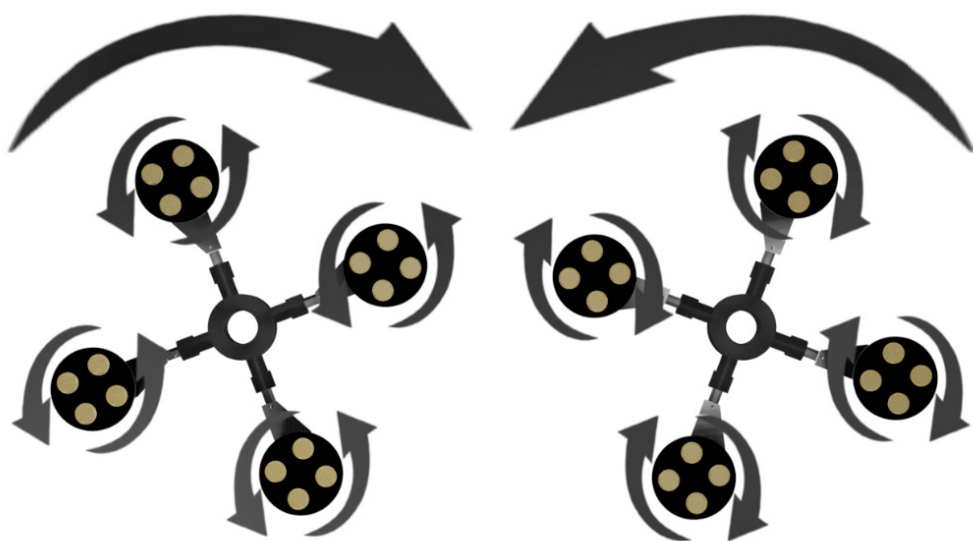


**Concrete Guard
Lithium WP2**
Final protection



ADVANTAGES

HG GRINDER TROWEL: The innovative grinding and polishing system for cementitious floors with dedicated trowels.



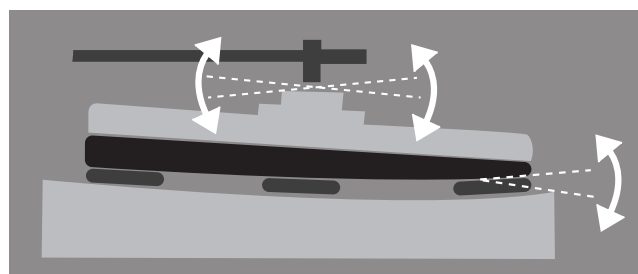
WATCH THE
VIDEO NOW



SCAN ME

COUNTER ROTATING PLANETARY

- | | | | |
|---|---|----|--|
| 1 | Specific reinforced cross for polishing. It does not deform and bend like standard discs and crosses. | 9 | Anti-slip timing belt clutch. |
| 2 | Protecting tunnel for gearboxes and transmission parts to maximize machine life. | 10 | Chromed structure for easy cleaning and chemicals corrosion resistant. |
| 3 | Low processing costs. | 11 | Perfect balance and maneuverability of the trowel for an excellent performance on the machined surfaces. |
| 4 | Optimal surface finishing. | | |
| 5 | Choice of metallic or resinoid tools and pads. | | |
| 6 | Easy and reliable use. | | |
| 7 | Waterproof and stain preventing surface. | | |
| 8 | Fastest system to polish concrete with trowel. | | |

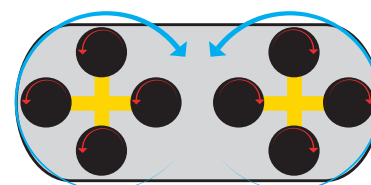


FLOATING SYSTEM

EACH TOOL HOLDER PLATE IS EQUIPPED WITH A FLOATING JOINT AND SEMI-RIGID MOUSSE SUPPORT. THIS COMBINATION ALLOWS THE TOOLS TO PERFECTLY GRIND ALL THE SURFACES ALSO ON DIPS AND WAVES.

HC GRINDER TROWEL 75 / 90

90



PLANETARY POWER TROWELS

PLANETARY SYSTEM

FLOATING TOOLS HOLDER

REINFORCED CROSS

75



Planetary grinding/ polishing machine with 2 rotors 900mm or 750mm. All versions have 8 rotating plates with 300 mm diameter, reinforced Antislip clutch, grinding specially designed cross. Designed for grinding and polishing.

Standard equipment: • lifting hook • light system with 4 led lights • water system with tank • side counterweight battery • cruise cover carter • top cover in polyethylene • high speed kit • splash guard.

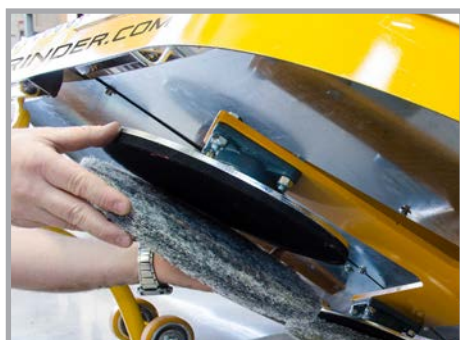
*Price does not include batteries.



OPTIONAL
Trolley for Dual Polish Copter 90
Trolley for Dual Polish Copter 75

TECHNICAL DATA

Model	Motor Hp max	Power supply	Starter	Working Width	Tools size	Weight
Dual Polish Copter 90 BS	31 HP B&S	Gasoline	Electric	1800mm	8x300mm	298 Kg
Dual Polish Copter 90 HN	27 HP Honda	Gasoline	Electric	1800mm	8x300mm	298 Kg
Dual Polish Copter 75	18 HP	Gasoline	Electric	1500mm	8x300mm	212 Kg



Tools holder with ø300 mm velcro attach



Boosted motor to withstand higher workloads when grinding



Standard strong led lights





stand that allows tilting the machine at a 45° angle and quickly changing all the tools.



OPTIONAL
Stand for Dual Polish Copter 90
Stand for Dual Polish Copter 75

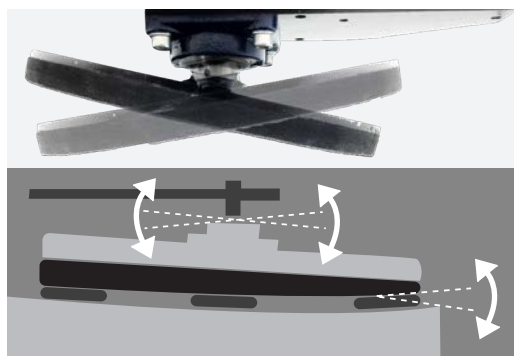
STRENGTHS

▶ **Better and uniform finish** thanks to the floating system of the tool holders.

▶ **Higher yield** thanks to dedicated tools.

▶ **High manoeuvrability** thanks to the dedicated cross and the counter-rotating planetary.

▶ **High reliability** and performance thanks to the powerful motor and to the mechanical parts designed for grinding.



Floating system:

Each tool holder plate is equipped with a floating joint and semi-rigid mousse support. This combination allows the tools to perfectly grind all the surfaces also on dips and waves.



Reliable and fast tools changing system:

The Velcro support allows a perfect and immediate grip, which prevents the disk to become loose during use. The special polycarbonate interface protects the velcro from the ground, increasing its durability and reliability.

300075 ø300mm velcro support for BLADE KIT ø300mm



Connection to the vacuuming system

Predisposition to connect the machine to a vacuum cleaner for collecting concrete dust generated during the dry grinding phases.

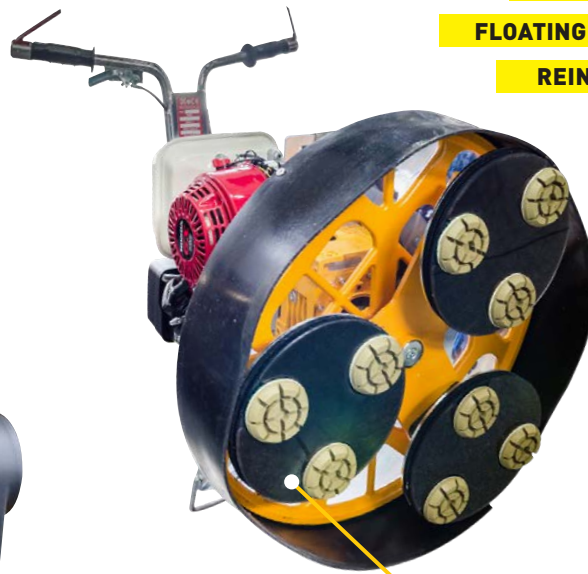
HG EDGER TROWEL 60



PLANETARY SYSTEM

FLOATING TOOLS HOLDER

REINFORCED CROSS

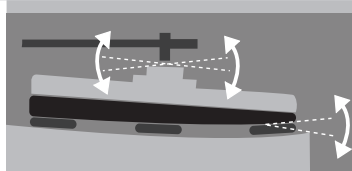


Double faced
velcroed interface
with Jumpy
ø 75mm.

Edge grinder and polisher for flush walls and small areas. Available with ø600mm planetarium.

Main features:

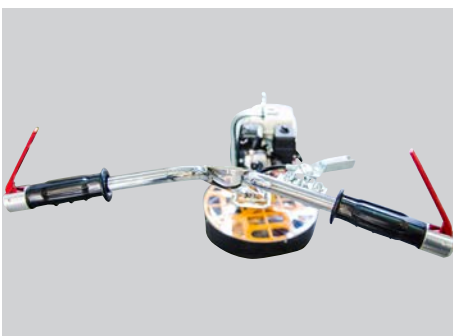
- Powerful 5,5Hp endothermic engine.
- Stabilizer circle.
- Pulley disc.
- Foldable handle.



Each tool holder plate is equipped with a floating joint and semi-rigid mousse support. This combination allows the tools to perfectly grind all the surfaces also on dips and waves.

TECHNICAL DATA

Model	Motor Hp	Power supply	Starter	Working Width	Tools size	Weight
Edger Trowel 60	5,5 HP	Gasoline	Manual starter	600mm	600mm	49 Kg



Practical and ergonomic.



Folding handle to reduce space.



Semi-rigid plate with velcro tool attachment.

HARDENERS AND PROTECTIVES FOR CONCRETE



CONCRETE HARDENER

Embedded hardening treatment for concrete floors. It allows the increase to the maximum hardness and abrasion resistance of new or existing concrete surfaces. Reacting with the cement's hydration products, it generates a sealing structure of the capillaries and porosity, preventing the absorption of liquids and the release of dust over time.

04820LT25	Concrete Hardener H10	25 Lt	Sodium-Potassium
04821LT25CH	Concrete Hardener Lithium	25 Lt	Lithium



HG 120 WP - Concentrated water repellent Additive.

Concentrated water-repellent based on non-film-forming polymers in aqueous vehicle. Hydrophobing of cementitious surfaces and mineral building materials, particularly suitable for alkaline substrates, it does not alter the aesthetic appearance. It can be used diluted directly on the surface or, as an additive in alkaline liquid products to produce water repellency.

HG120WP5	HG 120 WP Additiv	5 lt	Add 10% in silicates / lithium or sodium / potassium based consolidants
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CONCRETE GUARD LITHIUM WP2

Transparent lithium silicate finish, hard, stain-resistant, water-repellent, with high protection for industrial floors, with increased chemical resistance and surface abrasion.

INNOVATIVE PRODUCT IMPROVES THE PROTECTION OF INTERIOR AND EXTERIOR FLOORS.

04823WP2	Concrete Guard Lithium WP2	25 lt	Ready to use
CGL00620WP2	Concrete Guard Lithium WP2	5 lt	Ready to use



SPECIFIC SPRAYERS FOR SILICATES

New Sprayers designed to evenly distribute products on concrete. Do not get clogged. They allow to distribute the product over large areas in less time and effort. Available in battery version, battery backpack version with 20 liters tank, or in powered trolley version with cable or battery with 46 liters tank.

SPONBOARD	Backpack Sprayer	20 litres	Rechargeable abttery
SPTRE	Sprayer Trolley	46 litres	Wired



MICROFIBER CLOTH AND ANTISTATIC

04231	Microfibre cloth	50x22mm
1000550	Tool for microfiber cloth	50x22mm
2000303	Antistatic cloths	60x22mm
1100404	Tool for antistatic cloths	60x22mm

TOOLS FOR CONCRETE GRINDING



JUMPY HERO 3"/ø75mm

Resin bonded diamond abrasive discs for grinding and polishing concrete floors, for wet or dry use. Developed for polishing system with planetary trowel.

07551H1	Jumpy Hero 1
07551H2	Jumpy Hero 2
07551H3	Jumpy Hero 3
07551H4	Jumpy Hero 4



SPIRAL HERO - DIAMON DISC

Thanks to the new desing and to the strong flexible support, spiral allows to grind quickly leaving a homogeneous finish.

SPIRAL1090	SPIRAL HERO 0 - ø9,5"/240mm
SPIRAL1030	SPIRAL HERO 0 - ø12"/300mm



DOUBLE FACED VELCROED INTERFACE

The special polycarbonate interface protects the velcro from the ground, increasing its durability and reliability.

240075	Velcro interface ø240mm
300075	Velcro interface ø300mm



HYPER KING - DIAMOND PAD

Special Floor pad with impregnation of diamond abrasive. Designed for dry or wet polishing of concrete floors. They quickly give brilliance and mechanical shine.

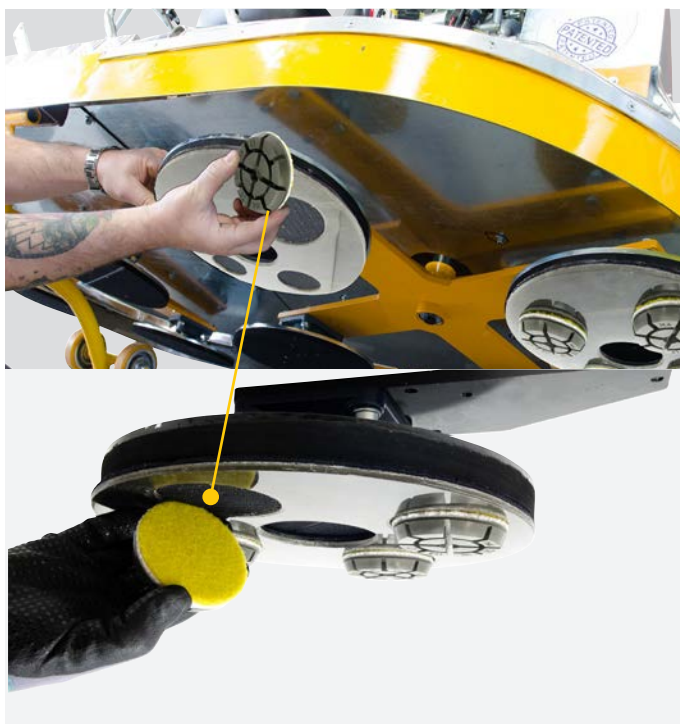
30604	Hyper King 2 - ø9,5"/240mm
30300	Hyper King 2 - ø12"/300mm

KIT TO TURN YOUR TRADITIONAL TROWEL INTO A PLANETARY GRINDER AND POLISHER

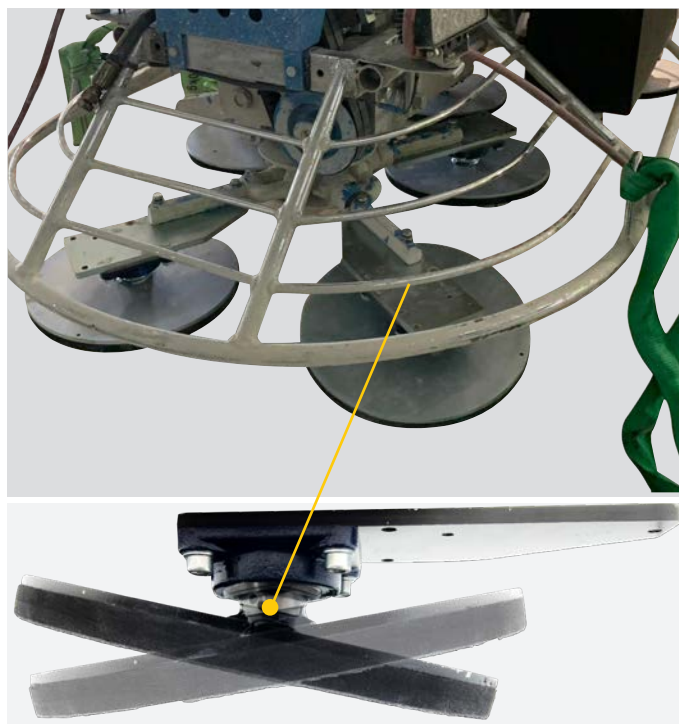


COMPATIBLE WITH ALL TROWEL MACHINES IN THE MARKET

With the new POWER TROWEL KIT compatible with all the trowels on the market, you can quickly turn your traditional trowels into innovative planetary grinders.



Quick and reliable tool change. The Velcro support allows a perfect and immediate grip, which prevents the disk to become loose during use. The special polycarbonate interface protects the velcro from the ground, increasing its durability and reliability.



Floating system: Each tool-holder plate is equipped with a floating and rotating joint with a semi-rigid foam support. This combination allows the tools to grind perfectly the entire surface even in the presence of dips and waves.



NEW

POWER TROWEL BLADE KIT

Complete blade kit to grind and polish floors with traditional trowels. Transform the trowel into an innovative grinder / polisher.



PD4404 BLADES KIT with ø240mm plate for trowel 1200mm

PD4502 BLADES KIT with ø240mm plate for trowel 900mm

PD4602 BLADES KIT with ø300mm plate for trowel 900mm



DOUBLE VELCRO INTERFACE

Special polycarbonate interface protects the velcro from the ground, increasing its durability and reliability.



240075 Interface ø240mm for BLADE KIT ø240mm

300075 Interface ø300mm for BLADE KIT ø300mm

ADVANTAGES OF POLISHING WITH THE TRANSFORMATION KIT

- High productivity: more than 1200 square meters per hour each grit.
- The blade kit turns the trowel into a planetary grinder / polisher to achieve the required concrete finish.
- Faster than traditional polishing systems.
- The “Power Trowel Blade Kit” tool holders are equipped with a floating tool holder technology and an elastic mousse that guarantees correct tool wear.
- Economical solution for owners of traditional trowels for offering floor polishing services to their customers.
- Suitable for both ride-on and walk-behind trowels. Quick and reliable tool change.

BEFORE



DURING



AFTER



**MADE IN
ITALIA**



**UP TO
2000 m²
PER DAY**

**THE BEST SYSTEM
TO POLISH
CONCRETE FLOORS
WITH TROWEL MACHINES**



HG HYPER GRINDER S.R.L

Via Ragazzi del '99, 7 | 65123 Pescara (PE) | ITALY

PIva 02223280682 | hypergrinder@pec.it | Tel +39 085 921 8160

www.hypergrinder.com | info@hypergrinder.com



Your local distributor: _____



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