

# GRINDER TROWEL



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

# THE FASTEST AND MOST CONVENIENT SOLUTION FOR GRINDING AND POLISHING CONCRETE FLOORS

To face the increasing demand for grinding, consolidating and polishing of large sized concrete floors, Speedcrete has acquired a range of dedicated power trowel machines.

By combining counter rotating planetary with traditional blades to the upgraded motors and anti-slip clutch, large areas can be polished with very low costs and production times.

## FAST PROCEDURE

UP TO 2000 m<sup>2</sup>  
PER DAY

## PREMIUM PROCEDURE

UP TO 1000 m<sup>2</sup>  
PER DAY

Optimal solution to achieve a glossy protected and easy to keep surface.



**Spiral Hero 0**  
Wet grinding

Spiral Hero To be used on dry concrete surfaces or with water on natural stone, marble and terrazzo. The new flexible diamond SPIRAL discs are designed to obtain an incredibly shiny and scratch-free surface on marble, terrazzo and natural stones.



Ideal solution to achieve a perfectly planar, smooth, glossy surface with high mechanical and chemical resistance. Stain proof and easy to maintain.



**Rise N Grind 1**  
Wet grinding



**Rise N Grind 2,3,4**  
Dry polishing



**CONC 2**  
Dry polishing

O.CONC - 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.



**SPEEDCRETE**  
PROFESSIONAL CONSTRUCTION EQUIPMENT

# ADVANTAGES

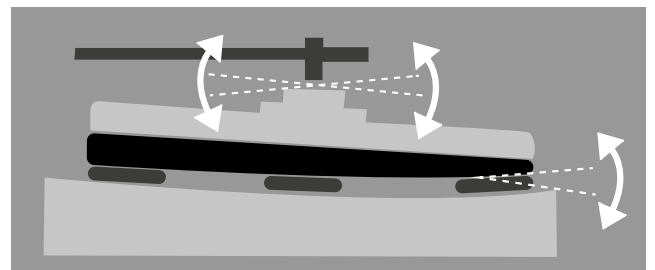
HG GRINDER TROWEL  
with dedicated trowels.

: The innovative grinding and polishing system for cementitious floors



## COUNTER ROTATING PLANETARY

- 1 Specific reinforced cross for polishing. It does not deform and bend like standard discs and crosses.
- 2 Protecting tunnel for gearboxes and transmission parts to maximize machine life.
- 3 Low processing costs .
- 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 .
- 9 Anti-slip timing belt clutch .
- 10 Chromed structure for easy cleaning and chemicals corrosion resistant.
- 11 Perfect balance and maneuverability of the trowel for an excellent performance on the machined surfaces .



### FLOATING SYSTEM

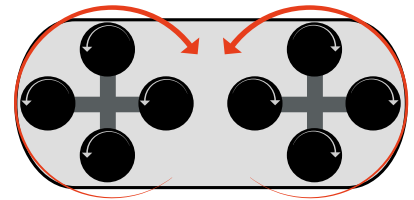
EACH TOOL HOLDER PLATE IS EQUIPPED WITH A FLOATING JOINT AND SEMI-RIGID MOUSSE SUPPORT. THIS COMBINATION ALLOWS THE TOOLS TO PERFECTLY GRIND ALL THE SURFACES ALSO ON DIPS AND WAVES.

# HG GRINDER TROWEL

## 120



- PLANETARY SYSTEM
- FLOATING TOOLS HOLDER
- REINFORCED CROSS



PLANETARY POWER TROWELS

## 75



Planetary grinding/polishing machine with 2 rotors 900mm of 750mm. Both versions have 8 rotating plates with 300mm diameter.

Main features:

- Boosted 31hp or 18hp motors.
- Reinforced Antislip clutch.
- Grinding specially designed cross.
- Stand for quick tools change.
- Designed for grinding and polishing .



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

### TECHNICAL DATA

Model	Motor Hp max	Power supply	starter	orking Width	Tools size	eight
Dual Polish Copter 120	31 HP	Petrol	Electric	1800mm	8x300mm	298 Kg
Dual Polish Copter 75	18 HP	Petrol	Electric	1500mm	8x300mm	212 Kg



Tools holder with ø300 mm velcro attach



Boosted motor to withstand higher workloads when grinding



Standard strong led light s



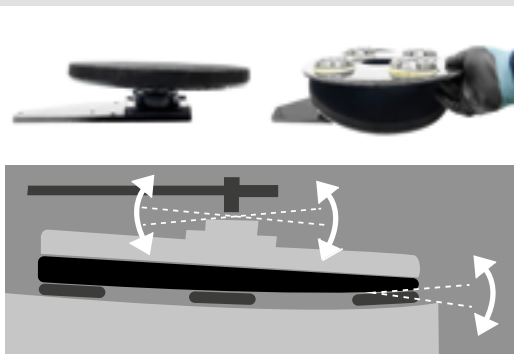
New stand that allows to tilt the machine to 45° and to quickly change the tools.



Stand for Dual Polish Copter 9 0  
Stand for Dual Polish Copter 7 5

# 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



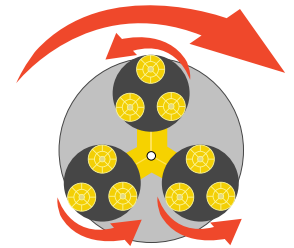
Connection to the vacuuming system (Optional).

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

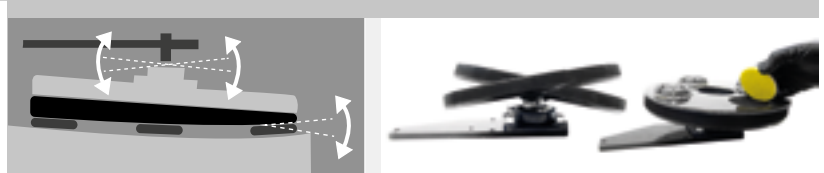


Double faced velcroed interface with jumpy  $\varnothing 75\text{mm}$ .

Edge grinder and polisher for flush walls and small areas. Available with  $\varnothing 600\text{mm}$  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	StarterW	orking 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.

# GRIND N SHINE®

## TOOLS FOR CONCRETE GRINDING



Grind N Shine 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.

GNS75-01	Grind N Shine 1
GNS75-02	Grind N Shine 2
GNS75-03	Grind N Shine 3
GNS75-04	Grind N Shine 4



SPIRAL HERO - DIAMON DISC  
Thanks to the new design and to the strong flexible support, spiral allows to grind quickly leaving a homogeneous finish.

SPIRAL1090	SPIRAL HERO 0 size 9,5" / ø240mm
SPIRAL1030	SPIRAL HERO 0 size 12" / ø300mm



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

240075	Velcroed interface ø240mm
300075	Velcroed interface ø300mm



CONC - 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	Conc 2 ø 9,5" / ø240m m
30300	Conc 2 ø 12" / ø300m m



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

### COMPATIBLE WITH ALL TROWEL MACHINES ON 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.

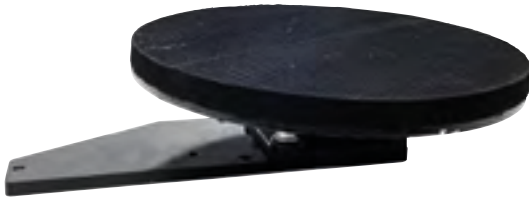
Floating system: Each tool-holder plate is equipped with a floating and rotating joint with a semi-rigid foam support. This combination allows the tools to grind perfectly the entire surface even in the presence of dips and waves.



**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 1200m m

PD4502 BLADES KIT with ø240mm plate for trowel 900m m

PD4602 BLADES KIT with ø300mm plate for trowel 900m m



## DOUBLE VELCRO INTERFACE

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

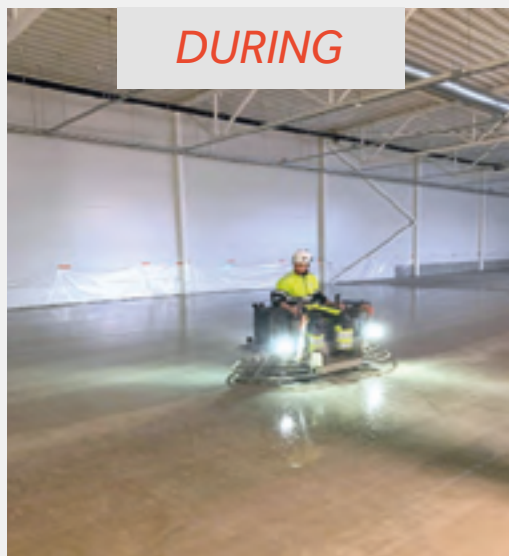


240075 Interface ø240mm for BLADE KIT ø240m m

300075 Interface ø300mm for BLADE KIT ø300m m

## 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.





**UP TO  
2000 m<sup>2</sup>  
PER DAY**

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



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