

SETTING NEW
STANDARDS



HYPER
GRINDER

LION
430



MADE IN ITALY

LION 430

Single disc mode
(with raised
wheels)

Grinding mode
(with wheels on the
ground)

4HP
Variable
speed



Volume
0,74 m³

Packing size
78x62x153 cm

Weight
90 Kg

LION 430

Lion430 is a revolutionary 4HP powered floor machine with dual interchangeable working modes: Grinding mode with floating head and wheels on the ground; Sanding mode with rigid head and wheels of the ground. Full metal gear box with tempered iron crown and steel gears make Lion430 a robust floor machine. The removable planetary and the floating head turns the Lion430 from a powerful sander into a high-performance grinder in few seconds. Lion430 can be fitted with any HG tools for floor preparation, grinding floor and with any single disc machine accessories. Lion430 is equipped with an on-board dust collection hose with dust guard and can work both dry or wet according to applications.

- ✓ **Sturdy:** heavy duty components designed to last over time.
- ✓ **Noiseless:** transmission with high precision gears.

- ✓ **Safe:** the controls prevent accidental starting and handling with hand protection.
- ✓ **Versatile:** the most complete range of accessories on the market.

TECHNICAL DATA

Code	Model	Motor HP max	Volt	Hz	Speed Motor rpm	Planetary speed rpm	Working width mm	Tank liquids Lt	Dimensions LxAxP cm	Basic machine weight Kg	Planetary weight Kg
705HGLHD	LION 430 HD	4	220	50	155	800	430	20 lt	43x127x70	67	15
700HGLPLUS	LION 430 PLUS	4	220	50	155	800	430	20 lt	43x127x70	68	15
701HGLPLUSVS	LION 430 PLUS VS	4	220	50	155-250	800-1300	430	20 lt	43x127x70	70	15



WITH LION 430 YOU HAVE THE TOTAL SOLUTION

The new exclusive frame allows you to adjust the height of the handle and to lock the floating head. In a few seconds Lion430 turns itself from a powerful grinder into a practical and powerful sander. Lion430 can use all grinding tools and all single-brush accessories.



GRINDING MODE:

Floating head and wheel on the ground.



SANDING MODE:

Rigid head (floating block) and wheel in lifted up position.

TWO APPLICABLE PLANETARIES

With Lion430 you can use the Lion mono-directional planetary with hardened steel gears or the free spin 4-headed counter-rotating planetary.



PLANETARY PLUS

Mono-directional, gear transmission. Multiplies the speed of each satellite.



FREE SPIN COUNTER-ROTATING PLANETARY

Ideal for sanding and finishing of wood, stone and concrete surfaces.





IDEAL FOR MICROCEMENT FLOORS AND DECORATIVE CONCRETE / RESIN FLOORS

Lion430 offers ease and flexibility when it comes to grind concrete surfaces. With the exclusive Lion Plus and Lion HD planetaries, combined with specific HG tools, you will easily manage any challenge that may arise on the construction site. Whether it's preparation, removal, grinding or polishing, with Lion430 you will have a powerful and versatile solution always at hand.

FOR WOODEN FLOORS, SOLID WOOD AND PRE-FINISHED PARQUET

Lion430 makes sanding and polishing wooden floor simple, quick and economical. The exclusive system that locks the oscillating head not only allows you to do a powerful grinding, but transforms Lion430 into a "handyman machine" that also allows polishing, sanding or oiling parquet.

- Direction-less sanding with raised wheels.
- Tireless motor for all sanding challenges.



LION 430, INFINITE ACCESSORIES AND APPLICATIONS

It makes sanding and polishing floor simple, quick and economical. The planetary system with 3 or 4 discs of Ø140mm each is designed to smooth, polish, sand and prepare all types of flooring such as marble, granite, stoneware, terrazzo, cement, wood and parquet, agglomerate, composite, terracotta, concrete, natural stone, resin floors and industrial floors. The base frame equipped with generously sized wheels facilitates maneuvers in any direction.



17kg

Extra Weight:

Additional cast iron weights 17Kg each.

On board vacuum kit
1400 W Max

Free spin planetary 430mm



Quick lock plate Ø 430mm



Metal vacuum hood with bristles



20lt tank



Plus Planetary



HD Planetary



Brushes and pad holders Ø 430mm



LION 430

To win every challenge on:

- Concrete
- Wood
- Marble
- Granite
- Stone
- Terracotta
- Terrazzo



1 New ergonomic and robust handle /// 2 Steel rod /// 3 220V socket on the machine ///
4 Integrated dust conveyor /// 5 Micrometric handle adjustment with gas spring /// 6 4HP motor ///
7 Dual working mode: floating or rigid head /// 8 New metal extractor hood with bristles /// 9 Large wheels

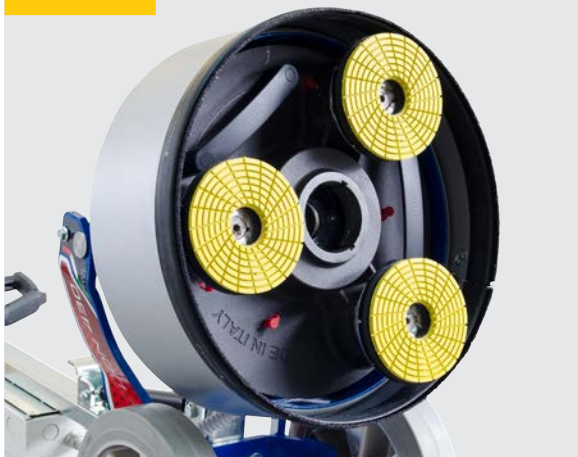


HYPER
GRINDER

CONCRETE



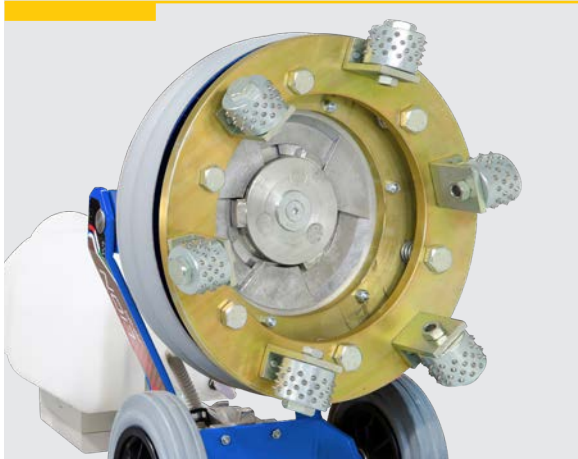
MARBLE, GRANITE AND STONE



TERRAZZO



CONCRETE AND STONE



YUOR FINAL
Solution

LION
430

GRINDING AND POLISHING

BUSH HAMMERING



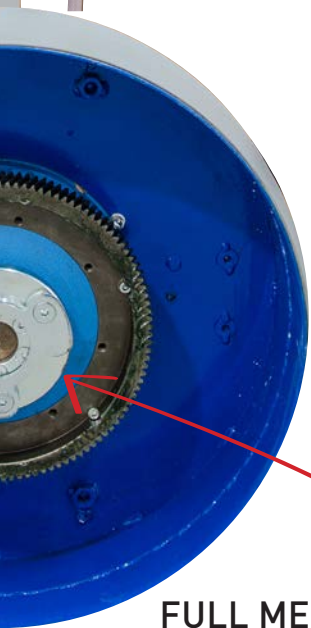
USE ALL TOOLS
YOU WANT





PER
IDER

HYPER PERFORMANCE
HYPER ROBUST
HYPER RELIABLE
HYPER VERSATILE



**FULL METAL
GEAR BOX**



Cleaning with **BRUSHES**



Floor restoration with **SPIRAL DIAMOND**



Resin, varnish and glue **REMOVAL**



BRUSHING and antiquing effect



LION INFINITE APPLICATIONS



FLOOR PADS

With HG pad holder to use abrasive pads and diamond pads such as HYPERSHINE.



SPIRAL DIAMOND POLISHING PADS

For a quick restore of shine on old and worn floors.



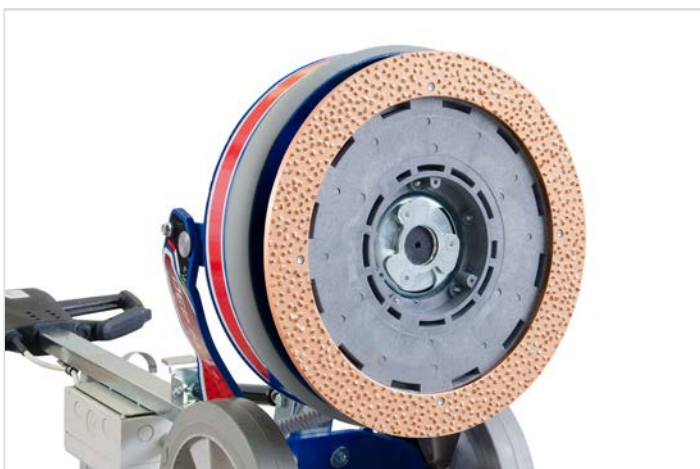
BRUSHES

With bristles of different hardness, for aggressive or delicate washing, even on carpet.



QUICK LOCK HOLDER 430MM

Plate for the use of "ready lock" tools. Ideal for floor preparation and glue/resin removal.



TYTAN RING

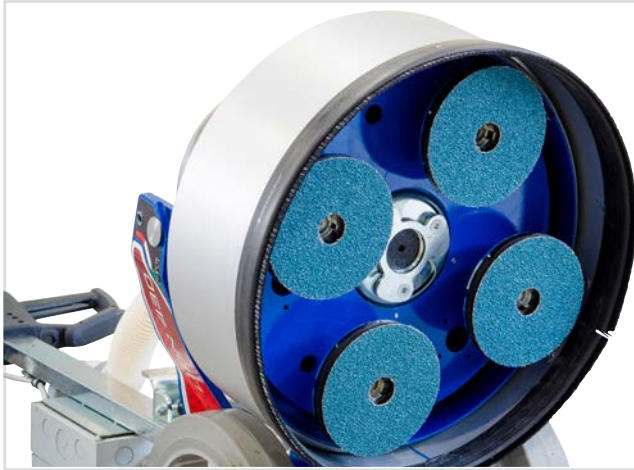
Special ring for quick removal of glue and thick resin coatings.



SANDPAPER 430MM

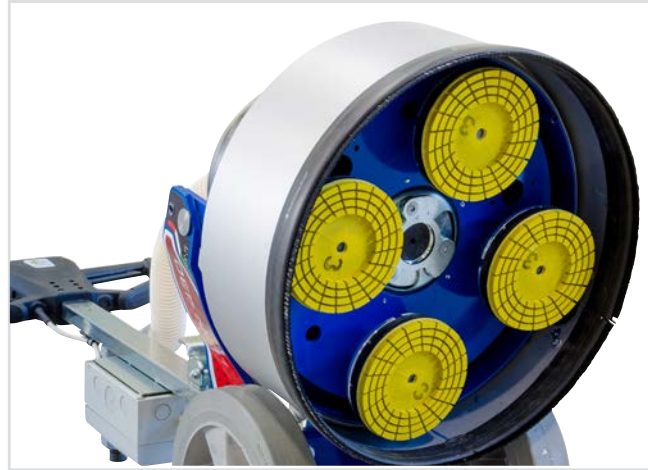
Double-sided sandpaper, for sanding screeds.

LION FOR EVERY NEED



SANDPAPERS

Ø 140mm sandpaper to be mounted on free-spin planetary, Lion Plus or Lion HD planetary. For sanding wooden floors.



RESINBOND DIAMOND DISC

Available in all grits. They allow you to polish all types of marble, granite, terrace and concrete floors.



METALBOND DIAMOND DISC

Available to smooth and grind all types of floors.



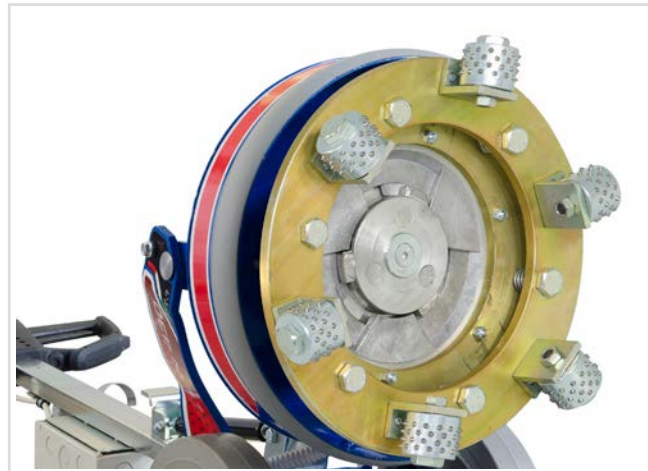
SPIRAL DIAMOND POLISHING PADS

For quick restore of shiness using just water.



ANTIKE FLOOR BRUSHES

To obtain an antique effect on wood, marble, stone and terracotta only with the aid of water.



BUSH HAMMER 430MM

To obtain bush-hammered and anti-slip surfaces on stone and concrete surfaces.

LION ACCESSORIES



LION PLUS PLANETARY



LION HD PLANETARY



DIAMOND FLOOR PADS



ABRASIVE FLOOR PADS



PAD HOLDER



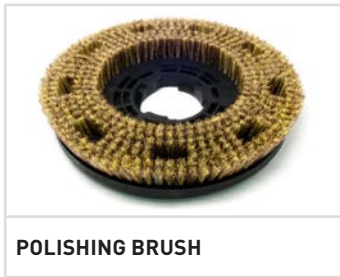
SANDPAPER HOLDER



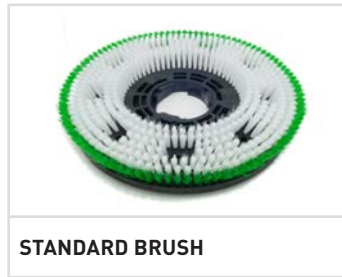
MOQUETTE BRUSH



STEEL BRUSH



POLISHING BRUSH



STANDARD BRUSH



WINNEX BRUSH



CARBORUNDUM



BUSH HAMMER



SMOOTHING DISC



TYTAN DISC



TYTAN RING



GROUTING DISC



FIX PLATE A3



MULTIDISK A4



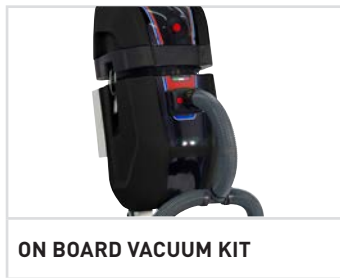
FRANKFURT HOLDER



STEEL WOOL



ADDITIONAL WEIGHTS



ON BOARD VACUUM KIT



SPIRAL DIAMOND PADS



HG HYPER GRINDER S.R.L
 Via Chieti, 6 | 65121 Pescara (PE) | ITALY
 P.Iva 02223280682 | hypergrinder@pec.it | Tel +39 085 921 8160
www.hypergrinder.com | info@hypergrinder.com

Your Distributor: _____



rev.30072020