SETTING NEW STANDARDS

HYPER GRINDER

LION 430

MADE IN ITALY

LION 430

Volume	Packing size	Weight
0,74 m³	78x62x153 cm	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 off 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.
- **Safe:** the controls prevent accidental starting and handling with hand protection.
- **Noiseless:** transmission with high precision gears.
- **Versatile:** the most complete range of accessories on the market.

TECHNICAL DATA

Code	Model	Motor HP max	Volt	Hz	Speed Motor rpm	Planetary speed LionGear 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	--	8
The machine does not include any accessories.											
706HGLHDCPL	LION 430 HD CPL	4	220	50	155	800	430	20 lt	43x127x70	83	8
The machine includes: Planetary Lion HD, n.3 velcro pad holders Ø 140mm AS, metallic vacuum hood, pad holder Ø 430mm.											
700HGLPLUS	LION 430 PLUS	4	220	50	155	800	430	20 lt	43x127x70	--	18,5
The machine does not include any accessories.											
701HGLPLUSVS	LION 430 PLUS VS	4	220	50	155-250	800-1300	430	20 lt	43x127x70	--	18,5
The machine does not include any accessories.											
700HGLPLUSCPL	LION 430 PLUS CPL	4	220	50	155	800	430	20 lt	43x127x70	94	18,5
The machine includes: Planetary Lion PLUS, n.3 velcro pad holders Ø 140mm AS, metallic vacuum hood, pad holder Ø 430mm.											
701HGLPLUSCPLVS	LION 430 PLUS VS CPL	4	220	50	155-250	800-1300	430	20 lt	43x127x70	99	18,5
The machine includes: Planetary Lion PLUS, n.3 velcro pad holders Ø 140mm AS, metallic vacuum hood, pad holder Ø 430mm.											

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.

LION PLUS and LION HD PLANETARIES

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

LION 430 PLUS

PLANETARY PLUS
Mono-directional, gear transmission. Multiplies the speed of each satellite.
* Only for Lion430 Plus.

LION 430 HD

FREE SPIN COUNTER-ROTATING PLANETARY
Ideal for sanding and finishing of wood, stone and concrete surfaces.
* Only for Lion430 HD.

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.

Extra Weight:
Additional cast iron weights 17Kg each.

On board vacuum kit 1400 W Max

20lt tank

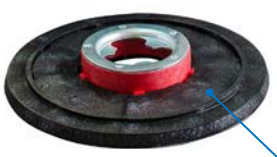
Free spin planetary 430mm

Plus Planetary

Quick lock plate Ø 430mm

Metal vacuum hood with bristles

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

HYP
GRIN

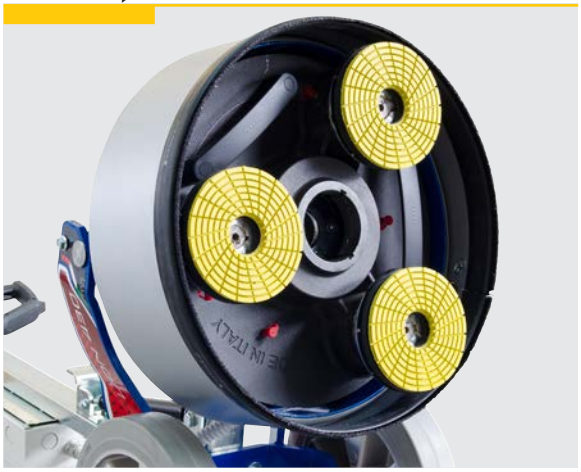
Yuor FINAL Solution

LION 430

GRINDING AND POLISHING

CONCRETE

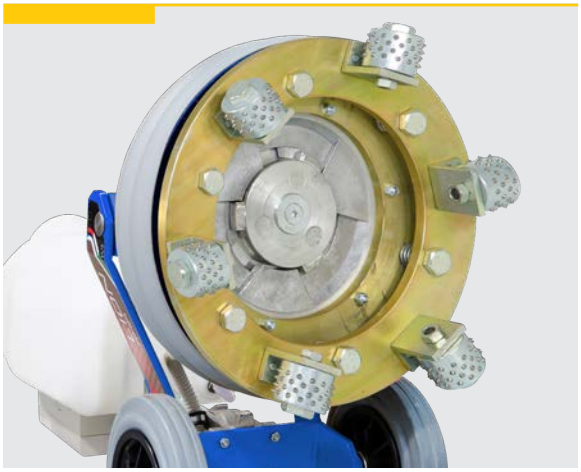
MARBLE, GRANITE AND STONE



TERRAZZO

BUSH HAMMERING

CONCRETE AND STONE



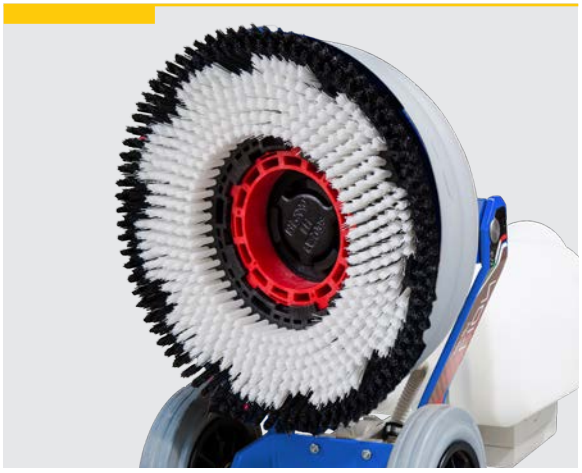
USE ALL TOOLS
YOU WANT

P E R
NDER

HYPER PERFORMANCE
HYPER ROBUST
HYPER RELIABLE
HYPER VERSATILE

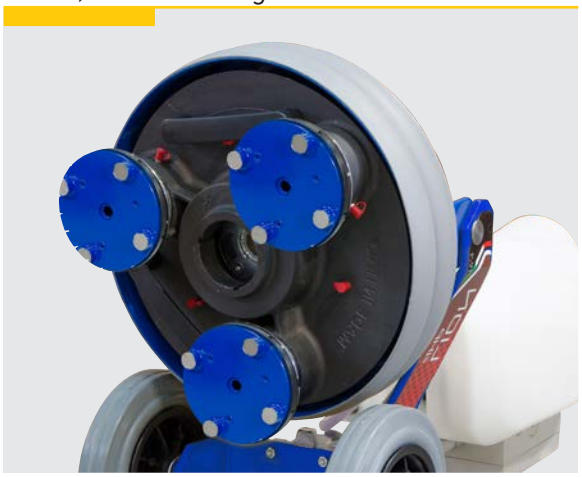
FULL METAL
GEAR BOX

Cleaning with **BRUSHES**



Floor restoration with **SPIRAL DIAMOND**

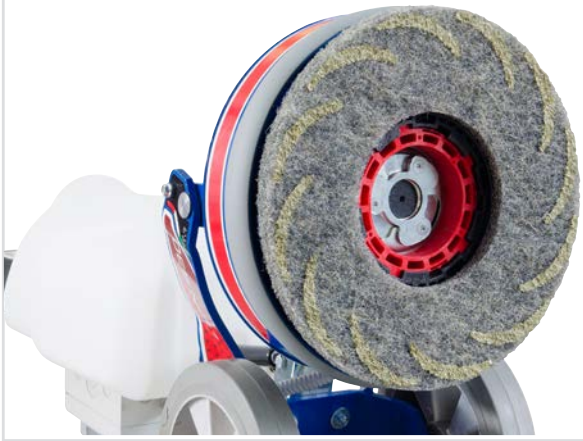
Resin, varnish and glue **REMOVAL**



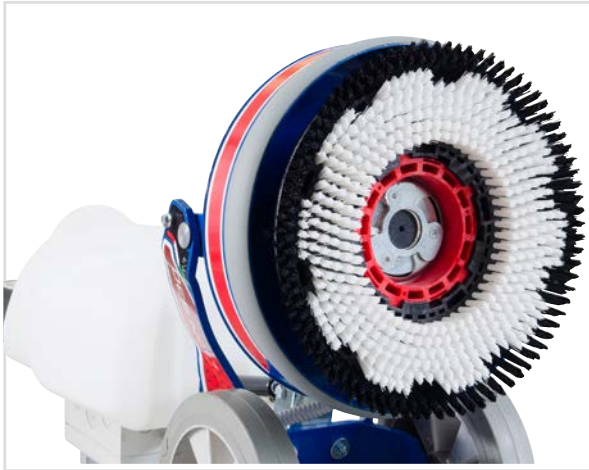
BRUSHING and antiquing effect

LION INFINITE APPLICATIONS

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

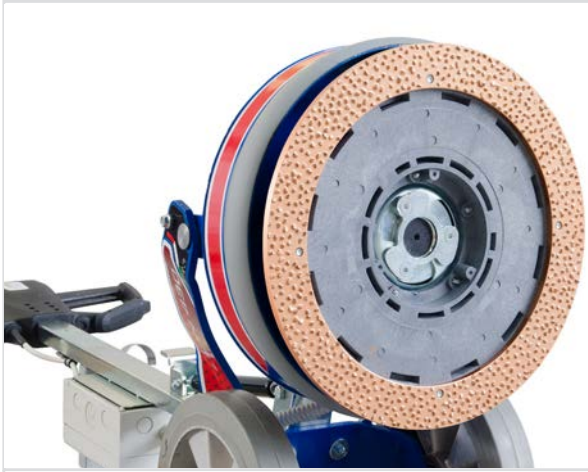


SPIRAL DIAMOND POLISHING PADS
For a quick restore of shine on old and worn floors.



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.

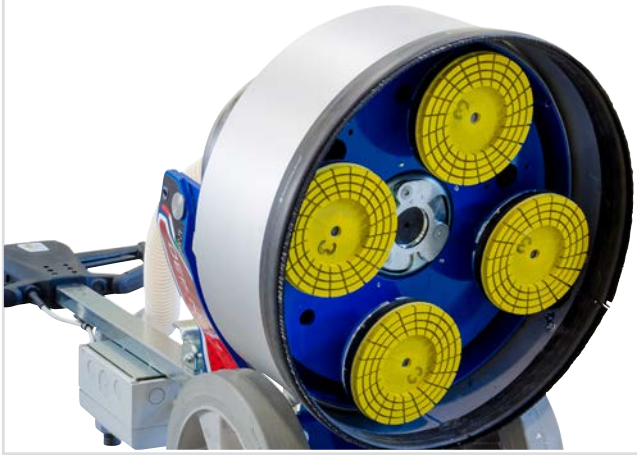


TYTAN RING
Special ring for quick removal of glue and thick resin coatings.

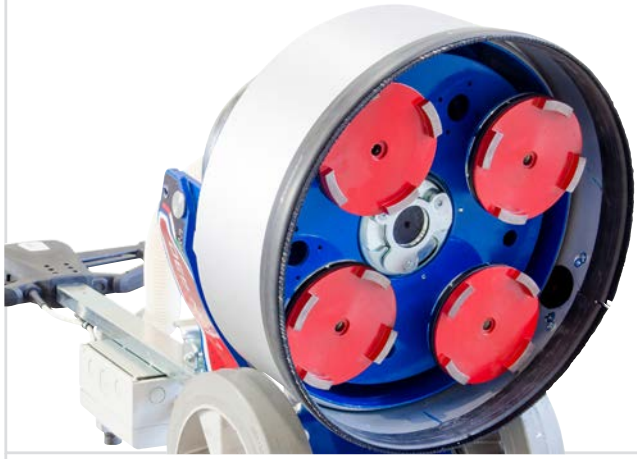
SANDPAPER 430MM
Double-sided sandpaper, for sanding screeds.

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.



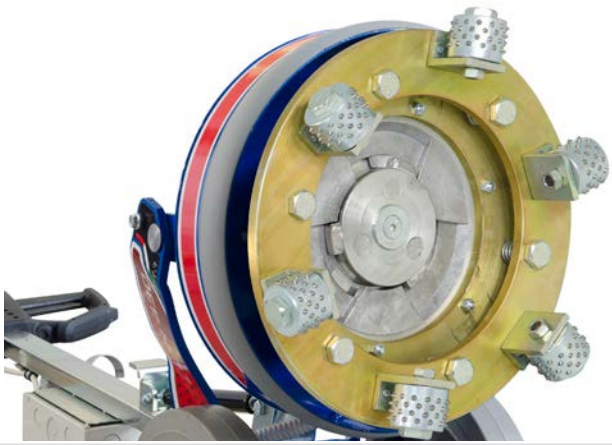
RESINBOND DIAMOND DISC
Available in all grits. They allow you to polish all types of marble, granite, terrace and concrete floors.



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

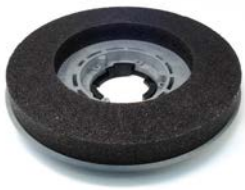
MOQUETTE BRUSH

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

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