



**MAGNUM HD IS THE LATEST ENTRANT IN THE HIGH-DUMP SEGMENT.**

Outperforms its predecessors with a complete hydraulic power boost, as well as increased productivity and durability, a better filtration system, driving comfort refinement and increased value for money.

All specifications have been carefully planned in order to satisfy our goal as well as some of the most relevant customers' needs:

- STRENGTH
- POWER
- MANOEUVRABILITY
- EASE OF USE
- ERGONOMY
- LOW OPERATIONAL COSTS



**VALUE ADDED OPTIONS**

- Street omologation kit
- Flashing light (standard in UE countries)
- Dustguard for side brushes
- Overhead guard inclusive of flashing light
- PVC complete cabin kit
- Left side brush kit
- Polycarbonated windscreen and wiper
- Reverse speed warning light
- Complete light set
- Side mirror
- Spring seat
- Carpet cleaning kit
- Vacuum hose

**AVAILABLE VERSIONS**

MAGNUM HDK with water cooled, three cylinder Kubota diesel engine  
 MAGNUM LPG with dual LPG/petrol drive  
 MAGNUM EB battery driven, 36V

**FIELDS OF APPLICATION**

industrial sites, communities and vicinities, schools, offices, religious buildings, hospitals, public buildings, airports, ports, shopping malls, logistical depots, cleaning companies, and multi services.

**SUITABLE CLEANING SURFACES**

ceramics, marble, cement/concrete, linoleum, non-slip surfaces, porcelain tiling, and many other dirty conditions.

TECHNICAL SPECIFICATIONS	MAGNUM HDK	MAGNUM GPL	MAGNUM EB
Sweeping path with 2 side brushes	1.560 mm	1.560 mm	N/A
Sweeping path with side brush	1.250 mm	1.250 mm	1.250 mm
Sweeping path only main brush	902 mm	902 mm	902 mm
Capacity of dirt container	236 lt	236 lt	236 lt
Dumping height, hydraulic lift	1.540 mm	1.540 mm	1.540 mm
Forward speed	12,00 Km/h	11,50 km/h	10,00 km/h
Cleaning capacity	18.720 sq/m/h	17.940 sq/m/h	12.500 sq/m/h
Filter type	polyester bag	polyester bag	polyester bag
Drive	hydraulic	hydraulic	hydraulic
Drive motor	hydraulic	hydraulic	hydraulic
Main motor	Diesel, Kubota 20.6 Hp	Petrol, Kubota 29.5 Hp + Gas GPL	1 x 36V - 1.800W
Battery system	-	-	36V
Weight (with battery)	1.175 kg	1.163 kg	1.386 kg
Size (with brushes)	1.560x2.380x1.900 h	1.560x2.380x1.900 h	1.250x2.380x1.900 h



AUTHORIZED DEALER



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SWEEPERS LINE



**MAGNUM HD** NOTHING BUT HEAVY DUTY!



### STRONG, VERY STRONG!

The structure is exceptionally strong to allow the machine to handle the toughest applications. The powerful Kubota engine (three cylinders, 20.6 hp, liquid-cooled) grants extended reliability and world-wide assistance. More horsepower and liquid cooled system allows for overall better performances, and longer lasting life.

### PRODUCTIVE, VERY PRODUCTIVE!

Fully hydraulic driven traction, container lift, brushes and vacuum fan, enable the new HDK clean the dirtiest floors very rapidly, and keep routine maintenance extremely simple, thus reducing downtime. More power allows for increased operational speed, which translates into increased productivity: an impressive 18.720 sq/m/h at full speed (12 km/h)!

### EFFICIENT, VERY EFFICIENT!

The Magnum is equipped as standard with a polyester bag filter, class L, which is particularly efficient for the retaining of fine dust, and has a much longer lasting life than all other traditional filters. The filter is anti-static, washable, and is equipped as standard with a highly efficient automatic filter-shaker which provides extreme cleaning every time the engine is turned off. This feature proves extremely helpful when operators neglect or forget to shake the filters manually.

### MANOEUVRABLE, VERY MANOEUVRABLE!

The Magnum is particularly compact to allow for maximum manoeuvrability in narrow spaces. Large diameter wheels are fitted all round to allow for efficient work on uneven surfaces, to overcome slopes and to get onto pavements. All wheels are of "full rubber" type, therefore you will not have to worry about checking air pressure or repair flats.

### SIMPLE, VERY SIMPLE!

All controls are ergonomically laid out within the driver's reach and clearly marked. Furthermore, all parts, motors and engines are easily accessible for servicing as side, upper and rear panels can be fully opened.

# MAGNUM HD



### VALUE ADDED FEATURES

- HYDRAULIC DUMPING SYSTEM
- LONG-LIFE POLYESTER BAG FILTER
- AUTOMATIC FILTER SHAKER
- NO TOOLS BRUSH CHANGE
- RETRACTABLE SIDE BRUSH
- COMPLETE HEAD LIGHTS PACKAGE
- AUDIO BACK-UP ALARM
- VACUUM PRE-FILTER
- FULL RUBBER, NON-MARKING TYRES
- FLOATING HOPPER



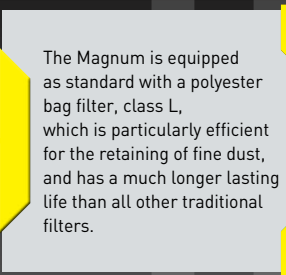
All parts, motors and engines are easily accessible for servicing as side, upper and rear panels can be fully opened. Batteries (EB version) can be replaced easily and quickly thanks to a battery trolley mounted on rolling bearings. This slides out for ease of use.



The petrol version is also adapted for use with LPG. It will therefore be possible to work in both indoor and outdoor applications with the same machine.



The main and side brush can be quickly replaced without tools.



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Multi-level dumping system: the hopper, located in front of the machine, can be hydraulically raised up to 1.540 mm from the floor. The hopper is actually floating on the floor, automatically adjusting to allow for easier pick up of larger waste.



The main brush floats on uneven floors, and automatically adjusts itself when worn. Additionally, the exclusive "Multi Bristle" system enables the main brush to achieve exceptional performances on most floor types.

