

# Magna 1300

Scrubs, sweeps and dries  
in a single pass



Scrubbing and sweeping power with perfect drying results

 **FIMAP**<sup>®</sup>  
*Italian customized cleaning*

# Magna 1300

## Magna 1300

Is the largest and most powerful scrubbing machine of the Fimap range.

Suitable for maintenance and thorough cleaning of large industrial and commercial areas of more than 7500 sq.m, such as:  
railway stations and airports,  
department stores and large logistic centres.

Magna 1300  
is also available in the version approved for street use





## Magna 1300 is the essence of power

Magna 1300 comes with four disc brushes for effective floor scrubbing thanks to adjustable brush pressure up to 180 Kg and with a cylindrical brush to collect dirt into a special removable hopper. In this way double cleaning action is obtained all along the 130 cm working width.

MAGNA 1300 DIESEL



The powerful drive wheel always operates on dry floors to that, thanks to its good grip, maximum manoeuvrability and safety are ensured even in narrow spaces.

This is also ensured by its tight turning diameter of just 3250 mm.

Besides, the large-diameter hydraulic drum brakes the machine is fitted with do ensure almost immediate braking even under the most difficult conditions of use. Thanks to its powerful performances, Magna 1300 can move at constant speed even on up to 10% grade ramps.

MAGNA 1300 BATTERY



- The scrubbing head can swing out 15 cm for more accurate cleaning along walls and shelving. When bumping into an obstacle it automatically moves inwards



146 cm  
Width with the squeegee



Adjustable  
brush pressure  
up to 180 Kg

## Magna 1300

is extremely productive thanks to its suction power and large tank capacity as well as to the motorizations and the easy cleaning and maintenance procedures



- Magna 1300 features large tank capacity (360 litres for the solution tank and 380 litres for the recovery tank). This implies less "pit stops" for the operator and higher productivity



- High operating autonomy thanks to the battery version (up to 5 hour run time) and to the Diesel version. The motor of the Diesel version is easily accessible through the practical lift-up lid just under the driver's seat



- The powerful suction motor and the V-shaped squeegee that follows the machine in all situations ensure perfect drying results

## Magna 1300

requires simple cleaning and maintenance operations



- Releasing the squeegee rubbers is extremely practical. A hammer blow is enough to open the special hinged couplings so to slide out the rubber



- Debris are picked up by the cylindrical brush and delivered into a large hopper. Brush maintenance is extremely simple thanks to brush easy replacement

## Magna 1300 is comfortable to drive



DASHBOARD OF THE BATTERY-POWERED VERSION



DASHBOARD OF THE DIESEL-POWERED VERSION

- The driver's seat of Magna 1300 has been designed to ensure maximum comfort. All controls are clearly laid on the dashboard

For easier machine operation, Magna 1300 is provided with an electronic system to automate all machine functions and to keep constant control of all operating components through a specially designed control panel.

The machine is provided with:

- **Electronic hourmeter;**
- **"AUTO" control to automatically switch suction on and off and to lift the brush head and the squeegee when reversing;**
- **Easy to read battery charge level indicator light** with automatic brush STOP device to preserve the batteries when they are flat;
- **Forward and reverse gear with gear selection lever** on the dashboard and speed control pedal with reduced reverse speed for safety reasons;
- **Electronic traction system with complete SELF-DIAGNOSIS** of all drive components;
- Low-level indicator light on the solution tank dashboard to ensure constant water and detergent flow on the brushes;
- **Recovery tank** with electronically controlled water level float switch for automatic suction motor switch off at full tank and indicator light on the dashboard;
- **Extremely comfortable driving seat**

## Magna 1300 Is the essence of safety

Magna 1300 has been designed to ensure maximum operator safety and perfect driving visibility.

The machine is in fact provided with:

- **Headlights and taillights for easier driving** even in dark areas;
- **Ergonomic driver's seat** with armrests and "deadman" safety sensor;
- **Acoustic alarm signal** when the machine is operating;
- **Flasher on** when the machine is operating;
- **Optional anti-skid wheels;**
- **Safety device to stop the machine in the event of any anomaly or operator's error;**
- **Independent mechanical emergency and parking brake;**
- **Long-lasting components:** stainless steel dirt hopper and sweeping unit, extremely strong chassis



# Magna 1300 is available in the following version

INDYline



SCRUBBING MACHINES TECHNICAL DESCRIPTION	MAGNA 1300	MAGNA 1300 D
Debris hopper capacity	l	40
Diesel tank capacity	l	-
Squeegee width	mm	1460
Brush head side movement	mm	150
Disc brushes Ø (No.)	mm	345 (4)
Cylindrical brush Ø	mm	300x1110 (1)
Brush Pressure	kg	580
Cylindrical brushes rpm	rpm	130+180
Disc brush rotation speed	rpm	220
Cylindrical brush motor	V/W	36/750
Disc brush motor	V/W	36/1125
Suction motor	V/W	36/1170
Traction motor	V/W	36/2000
Motor power	Kw	-
Suction vacuum	mbar	225
Forward speed	km/h	0+6
Max gradient at full load	%	10%
Turning radius	mm	3250
Batteries	V/Ah	36/720
Batteries weight	kg	810
Endothermic engine	cylinders/Hp	-
Engine capacity	cm <sup>3</sup>	-
Cooling system	-	-

INDY LINE	Electromagnetic compatibility Emission standard	Working width cm	Number of brushes	Supply V/ traction	Solution tank l	Recovery tank l	Working width up to m <sup>2</sup> /h	Machine dimensions L x h x w	kg weight without batteries
MAGNA 1300 MAGNA 1300 D	EN 61000-6-3 (2002)	1300	4  1	36/ aut.	360	380	7800	2250 1880 1340	840-1100

For any additional information or for a demo please contact your usual Fimap dealer

Dealer's stamp

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