

Scrubbing and sweeping power with perfect drying results



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.



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

INDYlim

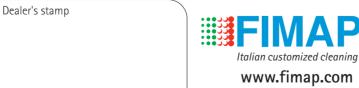




SCRUBBING MACHINES TECHNICAL DESCRIPTION		MAGNA 1300	MAGNA 1300 D		
Debris hopper capacity	1	40	40		
Diesel tank capacity		-	26,5		
Squeegee width mm		1460	1460		
Brush head side movement	mm	150	150		
Disc brushes Ø (No.)	mm	345 (4)	345 (4)		
Cylindrical brush Ø	mm	300x1110 (1)	300x1110 (1)		
Brush Pressure	kg	580	580		
Cylindrical brushes rpm rpm		130÷180	130÷180		
Disc brush rotation speed	rpm	220	220		
Cylindrical brush motor	V/W	36/750	36/750		
Disc brush motor	V/W	36/1125	36/1125		
Suction motor	V/W	36/1170	36/1170		
Traction motor	V/W	36/2000	36/2000		
Motor power	Kw	-	19,5 225		
Suction vacuum	mbar	225			
Forward speed	km/h	0÷6	0÷6		
Max gradient at full load	º/o	10%	10%		
Turning radius	mm	3250	3250		
Batteries	V/Ah	36/720	-		
Batteries weight	kg	810	-		
Endothermic engine	cylinders/Hp	-	3/26,1		
Engine capacity	cm ³	-	1200		
Cooling system	-	-	Liquid		

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	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 m²/h	Machine dimensions L x h x w	kg weight without batteries
	MAGNA 1300 MAGNA 1300 D	EN 61000-6-3 (2002)	1300	4	36/ aut.	360	380	7800	2250 1880 1340	840-1100

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



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