

Mg75-85-100 B – 85 Bs



Mg scrubbing machine.

+ ECOLOGICAL + PRODUCTIVE + ECONOMICAL

 **FIMAP**<sup>®</sup>

*affordable cleaning*

# Mg75-85-100 B - 85 Bs

## Mg scrubbing machine.

A whole range of scrubbing machines suitable for maintenance cleaning and hard cleaning of any commercial or industrial surface up to 3,500 sq.m

Mg are the new Fimap ride-on scrubbing machines available in versions with disc brushes with 75, 85 and 100 cm working width and in the 93 cm version with cylindrical brushes (sweeping version).



Mg 75/85/100 B - 85 Bs **Base**



Mg 75/85/100 B



Mg 85 Bs



# Mg scrubbing machine. SIMPLICITY CONVENIENCE

The new system that automatically fills the solution tank **FFF (FimapFastFill)** allows filling with a considerable **SAVING OF TIME up to 70%**, compared to the previous model. As a matter of fact, while the solution tank is filling up very quickly, the detergent level can be topped up.



The practical caps of the solution and detergent tanks have a "level indicator" to keep constantly the 2 liquids quantity under control.

It takes just a few minutes to clean the machine once work is finished, thanks to the brand new squeegee system that can be rotated into horizontal position and to the quick and complete emptying of the recovery tank by using a large diameter pipe.



MAXIMUM accessibility for batteries maintenance operation

# Mg scrubbing machine.

 AUTONOM

Thanks to the development of a user-friendly instrument panel with all the controls at hand, there is no need for specific training to use the machine. Its driving simplicity leads to a considerable

**SAVING of learning time**  
and to the resulting simplicity of use.



Mg scrubbing machines,  
with the same overall dimensions as the previous model, hold **70% MORE WATER.**

## THE ADVANTAGE?

It has been calculated that, to clean a 3,500 sq.m. surface, with a 5 days a week daily maintenance and 45 weeks per year (225 cleaning tasks/year),

more than **100 working hours can be saved** in one year just thanks to **LESS FREQUENT PIT-STOPS**  
(time during which the operator stops scrubbing to empty/fill up the tanks).



**ENERGY SAVING UP TO 30%**



Energy quantity is used  
according to necessity

**+ PRODUCTIVITY**

**+ SAFETY**

ALL THE PLUSES OF THE NEW FIMAP TECHNOLOGIES



**+ PRODUCTIVITY**

With the new dosing system studied by Fimap, **FSS (FimapSolutionSaver)**, during normal maintenance cleaning tasks surfaces can be scrubbed with **water and detergent SAVING up to a 50%**.  
**This assures a high increase of machine productivity, scrubbing with the same water quantity the double surface.**

**+ SAFETY**

The detergent distribution is made from a 12 litre tank. The operator can easily fill up with detergent through the proper filling up opening. He does not touch the chemical product, working as a consequence in complete safety.

**+ ECOLOGY**

The possibility to dose the right quantity of detergent according to the type of dirt to remove is one of the factors of chemical product saving up to 50%.  
**AND WHAT'S THE RESULT? A PERFECT CLEANING WITH A CONSIDERABLE REDUCTION OF THE ENVIRONMENTAL IMPACT.**



**+ PRODUCTIVITY**

The new **FWF (FimapWaterFlow)** system always guarantees a uniform distribution of the detergent solution on both brushes, assuring a homogeneous cleaning result just after one pass of the machine.  
**AND WHAT'S THE ADVANTAGE? MORE CLEANING WITH LESS DETERGENT SOLUTION!**  
 Thanks to the FWF technology and to the possibility to adjust brushes pressure and working speed, an excellent cleaning performance after the first pass is guaranteed, so that no second pass is required.  
**AND WHAT'S THE BENEFIT? A time SAVING up to 50%.**



## + ECOLOGY

## + SAVING



### + PRODUCTIVITY

With the new FNC (FimapNoiseCanceling) technology Mg scrubbing machines develop an acoustic pressure of only 64 dB (A)\*. The operator increases his productivity, because he works more relaxed, without any tiresome noise.

### + SAFETY

By eliminating acoustic stress, the operator can work in complete safety, being able to dedicate all his attention to what he is doing preserving his health.

### + ECOLOGY

Thanks to Mg models' noiseless characteristics cleaning tasks can be carried out NOT ONLY IN INDUSTRIAL ENVIRONMENTS such as big stores, but also in highly noise-sensitive environments such as nursing homes, hospitals, etc. WITHOUT ANY INCONVENIENCE FOR ENVIRONMENTS AND FOR PEOPLE LIVING IN IT.



### + AUTONOMY

Installation of all the innovative elements, according to the new Fimap development philosophy Sustainable Cleaning Project, such as the innovative design of the brush head, the new generation electronically controlled motorwheel and the brand new Eco ON/OFF system that stops water flowing and the brushes moving when the machine is not working, **HAS MADE IT POSSIBLE TO REDUCE THE CONSUMPTION OF ENERGY BY UP TO 30%.**

**WHAT IS THE ADVANTAGE?**  
Mg can use batteries with smaller dimensions keeping the same autonomy.

Despite that, Mg are **15% MORE POWERFUL THAN THEIR PREVIOUS MODEL with the same dimensions.**

### + PRODUCTIVITY





The result is that the extra space (now that smaller batteries are used) is used to fill up with more litres of water meaning a significant increase in productivity.

\* dB (A) ISO3744 at 1.5m



# Mg scrubbing machine. ACCESSORIES SAVING

Mg scrubbing machines include two versions: Base version and Full Optionals version

STANDARD EQUIPMENTS	Mg75/85/100 B – 85 Bs (Base)	Mg75/85/100 B-85 Bs (All inclusive)
 <b>Water and detergent management</b>		
FSS (FimapSolutionSaver)	-	•
FWF (FimapWaterFlow)	•	•
Water reduction on bends	•	•
Eco ON/OFF System*	•	•
FFF (FimapFastFill)	-	•
Water level indicator	•	•
Detergent level indicator	-	•
 <b>Scrubbing performances</b>		
Constant brushes pressure (B version)	•	-
Constant brushes pressure (Bs version)	•	•
Brushes pressure regulation (B version) up to 100 Kg	-	•
Speed regulation	-	•
 <b>Safety</b>		
Speed on bend and water flow rate reduction**	•	•
Front antiskid motorwheel	•	•
Antiskid rear wheels	optional	•
Service brake and mechanical parking brake	•	•
Blinking light	optional	•
Safety belts	optional	optional
Hoverhead guard	optional	optional
 <b>Comfort</b>		
Rotating squeegee	-	•
Comfort Drive System***	•	•
FNC (FimapNoiseCanceling)	•	•
Tanks can be sanitised completely	•	•

\* Eco ON/OFF system: it automatically stops the flow of water when the machine is not working or is blocked by the operator.

\*\* Device for speed and water quantity reduction on bends to assure always maximum drive safety and excellent drying.

\*\*\* Comfort Drive System: the operator can adjust the seat to suit his particular driving needs.



TECHNICAL DATA		Mg75 B	Mg85 B	Mg100 B	Mg85 Bs
Squeegee width	mm	1015	1115	1265	1115
Debris hopper capacity	l	-	-	-	10
Disc brushes Ø	(No.) mm	(2) 390	(2) 440	(2) 510	-
Cylindrical brushes Ø	(No.) mm	-	-	-	(2) 150X830
Brush motor	V/W	Mg Base 36/900 - Mg 36/1500	Mg Base 36/900 - Mg 36/1500	Mg Base 36/900 - Mg 36/1500	(2) 650
Brush rpm	rpm	185	185	160	700
Brush pressure	kg	Mg Base 60 - Mg 60÷100	Mg Base 60 - Mg 60÷100	Mg Base 60 - Mg 60÷100	60
Suction motor	V/W	36/670	36/670	36/670	36/670
Traction motor	V/W	36/900	36/900	36/900	36/900
Suction vacuum	mbar	190	190	190	190
Forward speed	km/h	0÷6	0÷6	0÷6	0÷6
Turning diameter	mm	2000	2000	2000	2000
Type of drive	-	aut.	aut.	aut.	aut.
Battery compartment dimensions (L x h x w)	mm	840 x 365 x 375	840 x 365 x 375	840 x 365 x 375	840 x 365 x 375
Max gradient at full load	%	10	10	10	10
Batteries	V/Ah C5	36/240	36/240	36/240	36/240
Batteries weight	kg	315	315	315	315
Machine weight (without battery)	Kg	385,5	388,5	393,5	380

									
	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 in mm L x h x w	Weight with batteries kg
Mg75 B	EN 6100-6-1, 2, 3, 4	75	2	36/aut.	170	175	4500	1740 x 1400 x 805	700,5
Mg85 B		85							703,5
Mg100 B		100							708,5
Mg85 Bs		85							695

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

Dealer's stamp

  
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