



TECHNICAL DESCRIPTION	U/M	DIAMOND 85	DIAMOND 100	DIAMOND 100s
Cleaning width	mm	850	1000	1000
Squeegee width	mm	1110	1280	1110
Working capacity, up to	sqm/h	5950	7000	7000
Brushes diameter	mm	2x430	2x510	-
Diameter cylindrical brushes	mm	-	-	1x150 + 1x280
Brushes pressure	kg	135 max	160 max	110 max
Movement speed	km/h	7,0	7,0	7,0
Suction vacuum	mbar	190	190	190
Solution tank	l	235	235	235
Recovery tank	l	250	250	250
Machine length	mm	2025	2025	2025
Machine height (with rollbar)	mm	1800	1800	1800
Machine height (w/o squeegee)	mm	935	1040	1150
Capacity of the batteries	V/Ah ₅	36/500	36/500	36/500
Compartment of the batteries	mm	655x640x530	655x640x530	655x640x530
Machine weight (empty and w/o batteries)	kg	600	600	600
Tension	V	36	36	36

WE RESERVE THE RIGHT TOO MAKE TECHNICAL MODIFICATIONS.



Floor cleaning machine Diamond
Expression of research,
development and high levelled industrialization

Strong, developed on a sturdy metal frame.

Big capacity: Diamond ensures performances at the top of its category, with tanks of 250 litres and batteries up to 500 Ah₅.

Efficient, with a working capacity up to 7000 sqm/h. The brush pressure is adjustable up to 160 kg.

The traction system, with standard antiskid wheels, guarantees safety, reliability and elevated performances. The reduced steering diameter permits utmost manoeuvrability.

Performance: Diamond ensures efficiency on floors with deep joints thanks to the rear squeegee rubber in para material and two suction motors of 190 mbar.

Silent, equipped with a suction group patented Adiatek that optimizes the air flows. The machine is provided with mechanical reduction gears industrialized to minimize noise and vibrations.

Easy to use, it can work in automatic or manual version. In automatic mode the system simplifies and "remembers" the set functions.

Comfort, wide space for the driver's seat and adjustable. Accessible for maintenance purposes. Clear instrument board, ergonomics of the controls of greatest functionality.



diamond
85

diamond
100

diamond
100s



Diamond: maximum performances to increase productivity

CONTROL PANEL AND DRIVER'S SEAT
 All the washing functions are activated in more positions: AUTO, BREAK WASHING and traditional MAN.



FOAM COLLECTION
 The two filters separate eventual foam residuals coming from the recovery tank.



TRACTION
 Powerful traction motor wheel with a diameter of 300 mm with antiskid polyurethane covering that permits work on every slope. The machine's start is gradual with two working speeds up to 7 km/h.

WASHING-SWEEPING GROUP
 Realized in different versions. The brush pressure is perfectly adjustable.



TANKS
 In pure polyethylene of big thickness. Easy the inspection and any other type of cleaning. New, flexible handgrip to allow easy emptying operation.



SQUEEGEE
 Simple in its adjustment, easy in its ordinary maintenance, ensures maximum drying effect.

