

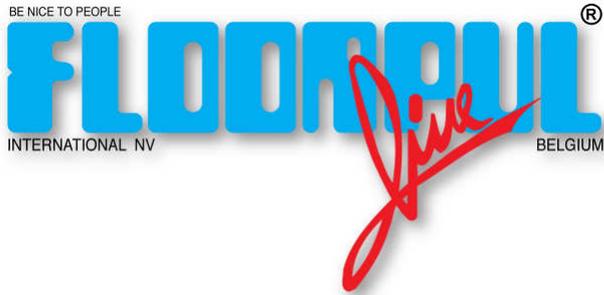
TECHNICAL DATASHEET

DIAMOND 100

SCRUBBER DRYER

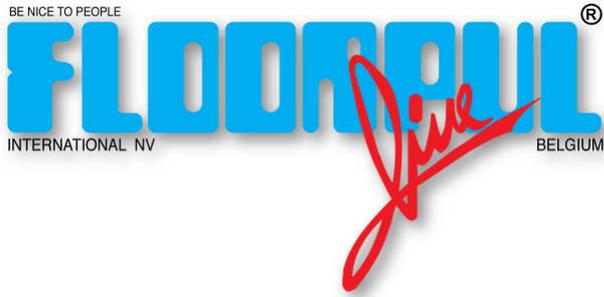
Floor cleaning machine Diamond Expression of research, development and high levelled industrialization. **Strong**, developed on a sturdy metal frame. **Big capacity**: Diamond ensures performances at the top of its category, with tanks of 250 litres and batteries up to 500 Ah5. **Efficient**, with a 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, 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: maximum performances to increase productivity**





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Working width	1000 mm
Squeegee width	1150 mm
Working capacity	7000 m ² /h
Brushdiameter	2x508 mm
Brushspeed	162 Tr./min
Brushpressure	160 Kg
Brushmotor	2000 W
Tractionmotor	1200 W
Traction type	Aut.
Speed	7 Km/h
Max.sloping allowance	10%
property	2x570 W
Vacuum	190 mBar
Solution tank	235 L
Recovery tank	250 L
Machine length	2025 mm
Machine height	1800 mm
Machine width (without squeegee)	1040 mm
Batterycapacity (working time)	36V/450Ah/5h (4h)
Batteryweight	450 Kg
Batterycompartment	655x640x540 mm
Machineweight (without batt.)	600 Kg
Noise level (IEC 704/1)	< 70 dBA
Vibration level	- - - -
Classe	III
Protection grade	23
Voltage	36 V



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Standard equipment :

2 brushes in PPL ø510 or 2 padholders ø510mm (20")

An actuator helps to lift the recuperation tank to have easy access to the battery compartment en to do maintenance.

(liquid level in the batteries, emptying the tank, technical check ups ...)

Flashing light

Certifications :

Conform CE and RoHS standards