



Ultra 85/100

A scrubbing machine compact in size and innovative in its design. It is available in three versions: with disc brushes and 85 or 100 cm working width or with cylindrical brushes and 91 cm working width





Ultra 85/100.

Suitable for maintenance and thorough cleaning of medium to large size working, industrial or service areas in general

Ultra 85/100 features 5400 to 6500 sq.m/hour productivity and an excellent operating autonomy thanks to which this scrubbing machine is extremely effective and economical.

The machine has been designed to make the operator's job as comfortable as possible and to be extremely user-friendly even for unskilled staff.

Ultra 85/100 can boast excellent low-noise levels thanks the suction motor fitted inside a double-wall

tank made of insulating polyethylene.

Its step-through design ensures excellent accessibility to the driver's seat from either sides as well as excellent operating safety.

Ultra 85/100 is born with: a device to reduce speed when going round a bend; When traction stops so do the brushes and the supply of water; Acoustic alarm when reversing; Clean water level pilot light; Electronic float for the recovery tank.

The new CDS Comac Dosing System is available on request (optional).

CDS is the new Comac water and detergent dosing system. Separation of the two liquids is regulated by two separate selectors which means you can always work with the right amount of solution. By using this device production is increased and work costs can be controlled.



The dashboard is easy to read and within easy reach of the operator to allow total control of every working phase. The electronic system - accessible through a lift-up panel from the front - controls every scrubbing phase. Thanks to the self-test system every anomaly can be identified so that technical service times are considerably reduced



Liquid level indicators (version with CDS)



Regulation selectors for water and detergent



Extremely easy maintenance procedures

Ultra 85/100 has been designed to offer excellent accessibility during maintenance tasks. The machine, in fact, can be opened up like a book very quickly so

that complete access to all its components is offered to the technician.



36 Volt electrical system.
The large opening of the battery compartment ensures excellent accessibility and easy accommodation of the battery pack

Comfort is guaranteed on board of the Ultra 85/100



Ultra 85/100 is very quiet - Only 59.5 dB (A)

The suction motor has been designed to be fitted behind a double-wall cover to ensure sound insulation. In this way, noise levels are considerably reduced and cleaning operations are made extremely silent.

For the most demanding customers, the suction head has been designed to accommodate also an additional suction motor which can be supplied as optional extra



The scrubbing head assembly has two contra-rotating brushes which can swing-out laterally for easy scrubbing along walls and shelving. When impacted laterally, the brush head automatically retracts without any additional command. (it is shock absorbent). Thanks to an extremely user-friendly joystick, the scrubbing head is very easy to control. Brush pressure - adjustable between 100 and 130/150 kg - can be controlled by a button.

When the traction stops, the brushes stop turning and no more water is supplied.

The powerful drive wheel ensures total safety. Ultra 85/100 has anti-slide wheels, speed reduction around bends, traction with control in A.C. and a watertight carbon brush-less motor all as standard features

Extremely easy ordinary maintenance procedures



Thorough cleaning of the recovery tank, thanks to the large-diameter discharge outlet. An additional discharge hose is also provided for inconveniently located drain traps that are hard to reach

Ultra 85/100 B - Thanks to a system developed by Comac, the squeegee can be rotated by the operator till the horizontal position. This ensures a perfect cleaning of the squeegee rubbers and an excellent constant drying



The solution hose connection with level floating ensures easy filling into the solution tank (optional)



Removing the squeegee rubbers is extremely simple. Just open the hinged clamp with a hammer to easily pull out the rubber

TECHNICAL DESCRIPTION		Ultra 85B	Ultra 85BS	Ultra 100B
Debris hopper capacity	l	-	30	-
Squeegee width	mm	1115	1140	1265
Brush head side movement	mm	100	-	100
Disc brushes Ø (No.)	mm	430 (2)	-	510 (2)
Cylindrical brushes Ø (No.)	mm	-	210x867 (2)	-
Brushes rpm	rpm	180	630	180
Brush motors (No.)	V/W	36/1500	36/1300 (2)	36/2000
Suction motor	V/W	36/670	36/670	36/670
Traction motor	V/W	36/1500	36/1500	36/1500
Suction vacuum	mbar	190	190	190
Forward speed	km/h	0÷6,5	0÷6,5	0÷6,5
Max gradient at full load	%	10	10	10
Turning diameter	mm	2500	2500	2500
Batteries	V/Ah C5	36/360	36/360	36/360
Batteries weight	kg	430	430	430



To always ensure perfect floor drying, the squeegee hose should be cleaned at the end of each cleaning session. Thanks to this operation, the suction motor can always operate in perfect conditions and ensure a longer life cycle

	Working width mm	Brushes pressure	Power supply V/ Traction	Solution tank l	Recovery tank l	Working width up to m²/h	Machine dimensions mm L x H x W	Machine weight kg (without batteries)
Ultra 85B	830	80-130	36/aut.	200	215	5395	1965 1560 895	535
Ultra 85BS	910	80	36/aut.	200	215	5900	2030 1560 1060	630
Ultra 100B	1000	80-150	36/aut.	200	215	6500	1965 1560 1045	556

The machines are manufactured in compliance with the directives 2006/42/CE, 2006/95/CE, 2004/108/CE and with the standards IEC 60335-1 and IEC 60335-2-72.



The steel parts are subject to treatment which guarantees a long life and makes the parts oxidation-proof.

KEY WORDS:



Machine for industrial use



B - Battery-powered machine with voltage value

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