

# diamond 100 / 100p AC



**Theoretical working capacity: 7000 m<sup>2</sup>/h**

AC traction wheel model, equipped with two counter rotating disc brushes with a 100cm cleaning width.



## TECHNICAL DATA



Ride-on machine with traction



Power supply 36V/500Ah



Cleaning width 1000mm



Brushes pressure adjustable max. 160kg



Battery autonomy 5-7h



Solution tank / recovery tank 235/250l



Disc brushes 2x510mm



Brushes speed 162rpm

- Squeegee width:	1175 mm
- Brushes motor:	2000 Watt
- Motion system:	automatic
- Maximum gradient:	10%
- Suction motor:	2x570 Watt
- Suction vacuum:	190 mbar
- Machine dimensions:	L: 2025 mm
	W: 1040 mm
	H: 1685 mm
	with rollbar H: 1685 mm
	without rollbar H: 1330 mm
- Machine weight w/o battery:	600 kg
- Traction motor:	1200 Watt
	AC: 1400 Watt
- Movement speed:	7 km/h
	AC: 9 km/h
- Battery compartment:	L: 640 mm
	W: 655 mm
	H: 530 mm
- Class:	III
- Protection level:	IP 23

AC traction wheel model, equipped with two counter rotating disc brushes with a 100cm cleaning width. Like in all the diamond models, a knob on the dashboard is used to electronically select the weight applied by the brushes, for a value up to 160Kg. It is a professional machine, easy to maintain. A stainless steel inspection hatch allows the complete cleaning of the recovery tank. Thanks to its innovative shape, the strong squeegee dries perfectly even when driving at high speed; it is also possible to easily adjust and disassemble it and the rubbers can be used on both the edges. The perfect weights balance grants safety, reliability and high performances. This is a machine indicated to clean very dirty or even slippery floors, where a quick cleaning is needed without compromising the quality of the result. Thanks to its AC traction wheel, the diamond machine requires a reduced maintenance related to the motor, which goes hand in hand with great performances both when starting to drive and when driving over ramps.