

diamond 100s AC



Theoretical working capacity: 7000 m²/h

AC traction wheel model with two counter-rotating cylindrical brushes which convey the dirt into a collection box, speeding up maintenance and cleaning.



TECHNICAL DATA



Ride-on machine with traction



Power supply 36V/500Ah



Cleaning width 1000mm



Brushes pressure adjustable - - -



Battery autonomy 5-7h



Solution tank / recovery tank 235/250l



Cylindrical brushes 1x150 mm 1x280 mm



Brushes speed 933rpm 500rpm

- Squeegee width: 1300 mm
- Brushes motor: 1800 Watt
- Motion system: automatic
- Maximum gradient: 10%
- Suction motor: 2x570 Watt
- Suction vacuum: 190 mbar
- Machine dimensions:
 - L: 2025 mm
 - W: 1165 mm
 - with rollbar H: 1685 mm
 - without rollbar H: 1330 mm
- Machine weight w/o battery: 670 kg
- Traction motor: 1400 Watt
- Movement speed: 9 km/h
- Battery compartment:
 - L: 640 mm
 - W: 655 mm
 - H: 530 mm
- Class: III
- Protection level: IP X3
- Loudness: <70 dB (A)

A ride-on sweeper machine with a cleaning width of 100 cm. Two cylindrical brushes clean and collect the dirt in a recovery box that drains the exceeding water then collected by the squeegee with a 100cm cleaning width. The "brush dry" system avoids the leaking at the end of the work. The cleaning system is very efficient and despite the big dimension the maintenance is very easy to operate as the brushes can be taken on and off fastly. This machine is particularli indicated for every fast maintenance cleaning and for large joints floors. 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.