



4HWD300 is the compact model of the new wash series for bus fleets, HEAVY WASH DRIVE THROUGH, by ISTOBAL. This model has been designed taking into account the individual needs of transport companies: compact wash units with a strong design and reliable mechanics to guarantee an efficient wash.

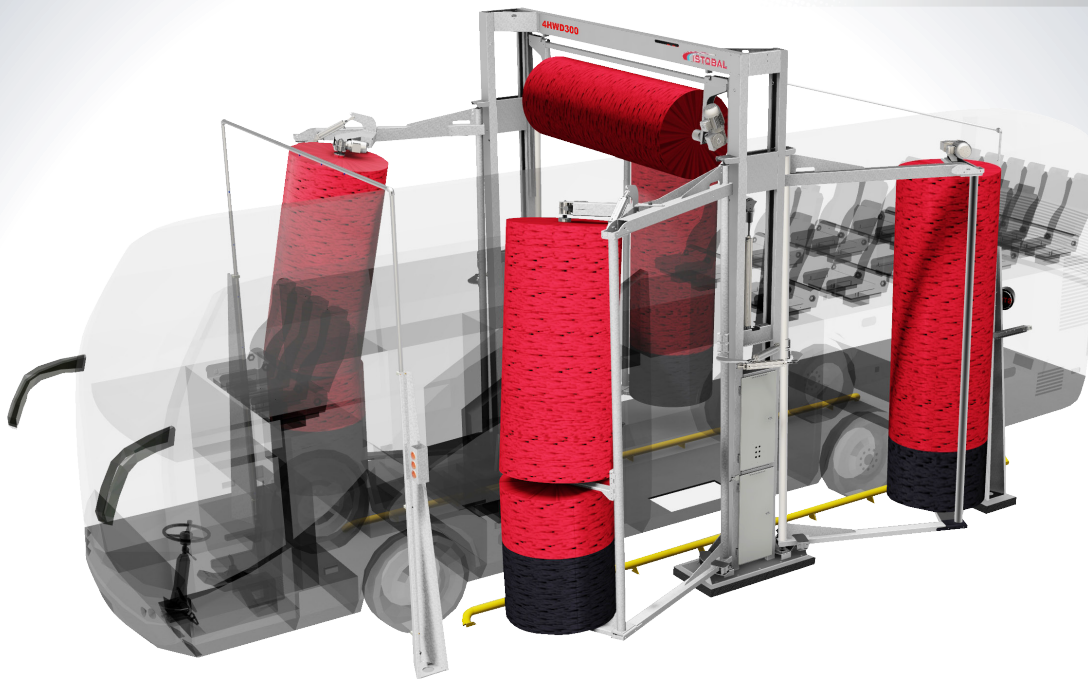
The structure of the machine is made of a hot-dip galvanized steel. 4HWD300 comes standard with 4 vertical brushes washing asymmetrically and 1 horizontal brush. In this design, the front and rear vehicle areas are washed by the overlapping of the vertical brushes, the sides are cleaned with an overlapping brush wash, and the roof wash adapts to different heights thanks to the lifting system of the horizontal brush.

The control panel and the chemical product metering system are built-in on the structure, which makes the equipment both autonomous and compact.

The unit provides wash configuration versatility, gentle and precise brush movements for a good finish, a front mirror protection program, a single or continuous cycle operation and underchassis wash integrated in the unit as an optional.

HEAVY WASH

DRIVE THROUGH



Innovative features 4HWD300

▶ Speed detection

Thanks to the three pairs of photocells, it detects when the vehicle overcomes a speed limit. When it happens, front brushes open automatically before the vehicle reaches them, or the equipment stops and stay in emergency mode.

▶ Split front brushes

Patented system to avoid damaging the front mirrors lifting the upper part of the front brushes, but keeping the lower part brushing the complete front of the vehicle.

▶ Roof brush

The horizontal brush assures a perfect roof wash for a wide variety of vehicle heights, thanks to the 1,5 m lifting system integrated in the structure of the machine.



Technical features

Maximum wash height (m)	4,1	Minimum bay size (m)	H:5,6 / W:6,1 / L:8,5
Minimum wash height (m)	2,6	Water consumption (l/wash) *	180 / 220
Maximum wash width (m)	2,6	Shampoo consumption (ml/wash) *	40 / 60
Minimum wash width (m)	1,9	Electrical power (kW)	11,7
Vehicles/hour	20 - 40	Power (50/60Hz)	220 / 380V

* Estimation for 12 m/min wash speed and 14 m long vehicles.

ISTOBAL

ISTOBAL, S.A. · Avda. Conde del Serrallo, 10
46250 L'Alcúdia (Valencia) España
T +34 962997940 · F +34 962997991
istobal@istobal.com · www.istobal.com

