

Neptune

Multi-program wash gantry system for commercial vehicles

T
R
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K



Extra sturdy hot deep galvanized structure

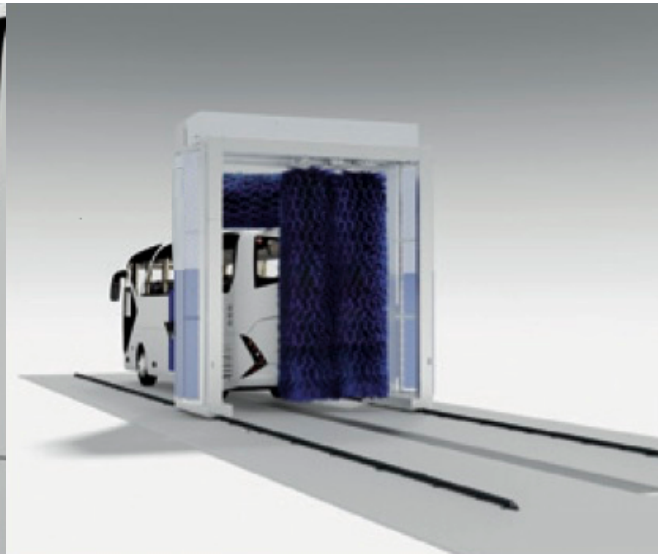
Designed with four columns fixed at the bottom and connected at the top by strong cross beams, the vertical brush trolleys movements are thoroughly and securely guided during the wash process of heavy vehicles.

Total protection for all components

The main columns, suitable dimensioned, lodge the steel rails guiding the top brush movement, as well as they contain the control panel cabinet and the chemicals tanks. Also motors, gearboxes and lifting chains are positioned inside the metal structure, therefore protected from extreme operational conditions and corrosive elements.

B
U
S





Functionalities

- The wash programs allow the overlapping of vertical brushes' action both on the front and the rear of the vehicles.
- Program for "mirror avoidance" available for buses and trucks
- Touch screen based controls that allow the management of all functions of the machine.
- All buttons are unbreakable for a secure and simple selection of programs.

Motors

All motors are controlled by variable frequency drives or soft starts.

Chemistry

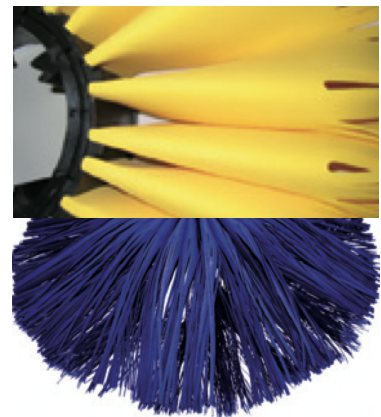
Up to 4 different chemicals can be utilized during operation





Roll-over system

- Side and top brushes with polyethylene high density bristles sections, 1000 mm in diameter.
- Motor activation with soft start
- "Mirrors Program" to avoid delicate mirrors on buses and trucks
- Special polishing brushes available (mixed polyethylene + carlite or only carlite)



High pressure spinning head

Operating from 20 bar to 80 bar, for a thorough cleaning of wheels and low sides

High pressure drive-through ramps

Floor and side nozzle combination, properly positioned to ensure deep cleaning of the undercarriage, wheels, rims and low sides.





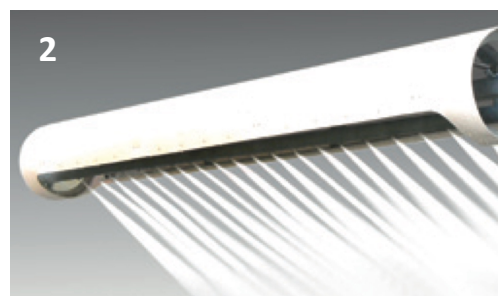
Control

- The electrical panel is incorporated into the machine's structure
- A microprocessor manages all operating programs, movements and pressures
- Manual intervention on behalf of the operator remains possible through the use of a touch screen panel, for exclusions of brush coverage or reactivation



Accessories

1. High pressure cleaning with sinning nozzle heads
2. High pressure linear profiler rinse unit
3. High pressure vertical multi-stage pump – 20 bar, from 15 to 30 kW
4. High pressure piston pump – 80 bar



Specifications

Machine dimensions – Height: 5,525 mm; Width: 5,904 mm; Rails length: 24 m. (Different dimensions available upon request)

Drive-through maximum sizes - Height: 4,450 mm; Width: 2,700 mm; Length: for all vehicles

Power supply: 400 V 3 phase + N + PE (50 Hz) – Power connection 6.25 kW (standard installation)