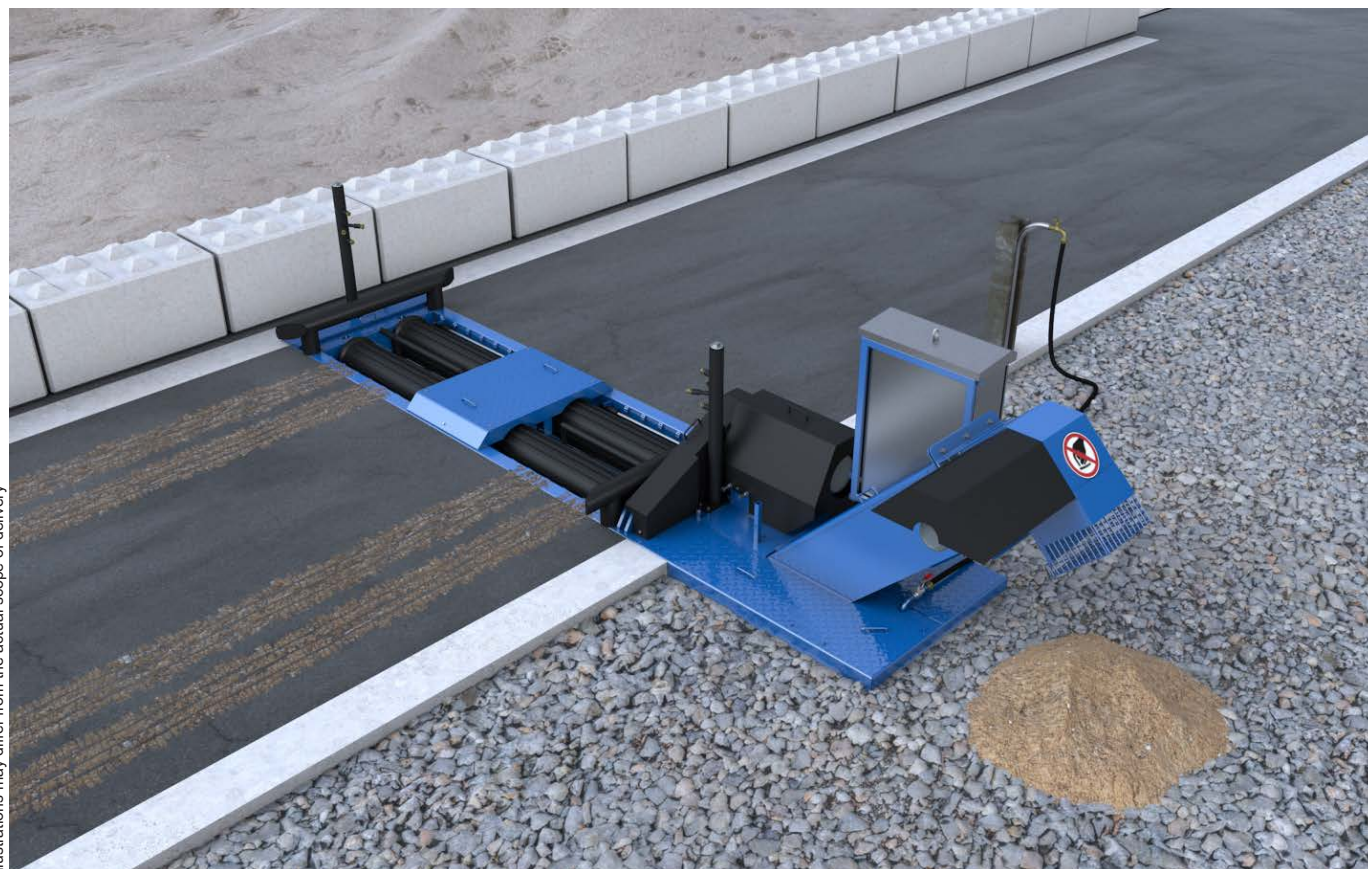


Wheel washing system MobyDick Junior C

Art. no. MDJ-100-001

Roller system in painted, water-bearing wash unit, integrated recycling tank with scraper conveyor, pump technology and a control system.



Illustrations may differ from the actual scope of delivery

MobyDick Junior C – A model from the TailorMade model line

RS Junior – High washing power for heavy soiling

The roller system MobyDick Junior is a high-performing and compact wheel washing system consisting of a 1.1-metre-long wash unit with rollers and an integrated recycling tank with scraper conveyor. Every axle of the vehicle is rotated individually on the roller pair and intensively cleaned. Even sticky dirt between the twin tyres and in the treads is reliably washed out. The ideal solution for stationary or mobile use with a limited number of trucks and heavy soiling. Installation takes just a few hours and only requires a small space.

Function description

A truck drives slowly onto the rollers of the wheel washing system. The start bars between the rollers automatically trigger the washing process. The wheels on every axle of the vehicle are rotated individually on the roller pair and intensively cleaned. Higher areas of the vehicle like windows and rear-view mirrors are not washed, keeping the driver's vision clear. The duration of the washing process is freely selectable based on conditions with the time relay switch installed in the control cabinet. The soiled water flows directly into the integrated recycling tank. The solids are settled here and the water flows back to the pump chamber. There it is reused by the robust MobyPump immersion pump for further spraying. The scraper conveyor removes the solid dirt from the recycling tank.



Water recycling

In all MobyDick wheel washing systems the water is circulated in a closed circuit. Water treatment is via sedimentation in the recycling tank. Sedimentation can be accelerated by adding a flocculant. Settled solids are continuously conveyed out of the recycling tank by the scraper conveyor.

Scope of supply

- Painted, water-bearing wash unit
- Rollers with roller drive and brake
- Integrated recycling tank with scraper conveyor
- Control cabinet
- 2 start bars to trigger the washing process
- 1 MobyPump immersion pump

Specifications (For dimensions see layout drawing)

| | |
|--------------------------------|-------------------------|
| • Drive-through length | 110 cm |
| • Drive-through width | 275 cm |
| • Maximum axle load | 15.0 t |
| • Nozzles, welded | 24 pcs. |
| • Nozzles, adjustable | 8 pcs. |
| • Nozzle Ø | 8 mm |
| • Recycling tank volume | 3.4 m ³ |
| • Maximum pumping capacity | 2.5 m ³ /min |
| • Electrical connection values | 9 kW/20 A |
| • Sound emission | < 75 dB |
| • Weight (ready to ship) | 3200 kg |

Areas of application

The Junior C model can wash up to 150 medium-soiled trucks per day.

Typical operation sites – depending on number of trucks and degree of soiling – are

- Construction sites
- Gravel plants and quarries
- Concrete mixing plants
- Recycling facilities
- Waste plants
- Port facilities
- Food industry
- Cleaning and disinfection
- Other areas on request