



WARRIOR

WHEEL AND UNDERBODY TRUCK WASH

Complete drive-through wheel and underbody wash

Rugged steel construction

Fully Automated

Portable



ROCKTEC
Rock Technology



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► Features

The Warrior Wheel and Underbody Truck Wash has been designed to provide a convenient, efficient and fully automated drive through wash for heavy vehicles.

Standard Features:

- Fully automatic, ultra-efficient wheel and underbody wash.
- 4 meter wash length.
- 84 high pressure jets arranged to give intensive spray pattern to wash all tyre and underbody surfaces.
- Automated drive through system triggered by an electronic sensor
- Caters for all types of road going vehicles
- Side screens to contain overspray
- Adjustable side spray bars

Optional Features:

- Available with complete water recycling and filtration
- Basic design easily adapted to suit particular site requirements
- Available for over dimension and over weight loads
- Optional pump configurations
- Entry and exit ramps

► Optional add-ons:

► Ramps

- Specially designed to complement the main Warrior Wheel and Underbody truck Wash
- Entry ramps help loosen caked on mud from between the wheels and underside of the chassis
- Exit ramps encourage water to drain off by gently vibrating the vehicle as it exits the wheel wash
- Ramps also allow the wheel wash to be positioned on existing sealed roads without the need to excavate.

► Lease

- Rocktec can also offer lease packages, complete with containerised header tank, control system, pump and generator if required

► Technical Specifications

The warrior Wheel and Underbody Truck Wash is always customised to site requirements. Some features are however standard to all installations.

Standard Specifications:

Superior spray patterns:

- 84 carefully directed brass nozzles
- 1285 litres per minute of water
- 5-bar pressure
- Intensive washing of all surfaces of the wheels and underside

Pumping system:

- Horizontal end suction centrifugal supplied complete as standard.
- 15kW, 2-pole, 2850rpm, TEFC-IP55 weatherproof, 415-Volt/3 phase/50-Hz electric motor

Control System:

- Automated control of washing cycles allows programs of varying lengths to be selected to suit site conditions
- Manual/auto switch allows for continuous running

Grate Flooring:

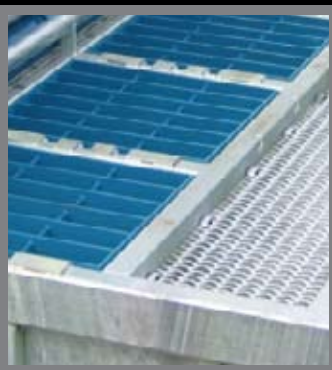
- Heavy duty replaceable floor grate flooring allows easy access to collection tray under wash unit.
- Large gaps ensure no plugging with washed solids

► Water re-circulation system

- Specially designed to complement the main warrior Wheel and Underbody Truck wash system.
- Waste water is collected beneath the grid work and is returned (via submersible pump) to a system of wired, interconnected water tanks.
- Small infusion pump adds flocculant to the dirty water, ensuring the precipitation of waste solids in the tanks
- Clean water is returned to the main water tank (supplied) for subsequent re-use
- Accumulated waste solids are regularly removed from each of the weir tanks via single lever sluice valves, either into a skip or into an alternative collection area.



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Site Requirements:

- A 50mm mains water supply, or equivalent
- A 30 amp, 415 -volt, 3 phase, 50 hz electricity supply, complete with neutral
- Suitable foundations - Rocktec will advise on the correct construction specifications for each site and supply layout drawings if required.
- Craneage (4000kg lift) on the day of delivery/installation
- Plumbing from pump to wheel wash (pipe size dependent on distance)
- Plumbing from wheel wash to water discharge area.



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