

# WHEEL BATH

The Enviro Concepts Wheel Bath is a heavy duty, modular, drive-through system that is adaptable to all conditions. As vehicle operators drive their trucks through the Wheel Bath, it removes excess dirt, dust and mud from the tyres. With a simple design, little set up and preparation time needed, the popularity of the Wheel Bath is growing rapidly. The Enviro Concept Wheel Bath system is portable and can be installed above ground, in-ground or built-in permanently onsite. Since we build these systems from scratch, we can customise the design to suit your requirements.



## OVERVIEW

The Enviro Concept Wheel Bath is constructed as an immersive tyre wash. The unit has a central bath section with a rumble grid design that shakes off excess solids, even as the truck drives through the water. It is submerged in water to wash off the excess dirt and therefore it prevents mud and contaminants from polluting the roads. Depending on the wheel diameter, it is possible to get 2-3 complete tyre rotations in the water.

The Wheel Bath does not need any power. It is therefore perfect for remote locations or sites that don't have services available. The Enviro Wheel Bath is easy to install and relocate.

## FEATURES

- ✓ Fully Self-Contained Unit
- ✓ Hot Dip Galvanised Steel
- ✓ Internal Rumble Grids and Ramps
- ✓ Small Footprint
- ✓ 12 T Per Axle Loading-  
All Trucks And Vehicles
- ✓ Optional External Ramps for  
Above-Ground
- ✓ Optional External Rumble Grid
- ✓ Easy Sludge Removal

# WHEEL BATH WATER TREATMENT

When a truck passes through the Enviro Concepts Wheel Bath, the solids will settle through the rumble grids into the base of the unit. The system has three drainage points located evenly on the side of the unit. As the solids build up, you can manually evacuate the solids from the system. Depending on the customisation you choose, the waste water can either be discharged to waste or to a filtration system for re-use.

## EXTERNAL RUMBLE GRIDS & RAMPS

Enviro Concepts Wheel Bath can be fitted with an optional Rumble Grids & Ramps for above ground installation. These are designed to aggressively vibrate a vehicle as it rides over it, removing debris from the tyres and underbody of the vehicle. It expands the tyre tread to remove lodged dirt and debris before going into the bath. Adding a Rumble Grid to the Wheel Bath ensures additional cleaning of the vehicle tyres, and reduces the water maintenance.

## SPECIFICATIONS

### Wheel Bath - Bath Only

- ✓ 10-13m long x 3.5m wide x 0.55m high
- ✓ 12T per axle rated, Hot Dip Galvanised Structural Steel
- ✓ 2-3 tyre rotations in water
- ✓ 2 sets of rumble grid style ramps for internal entry and exit
- ✓ 1 set of low rumble grid style platforms
- ✓ 3 x 80mm threaded drain outlets
- ✓ 2 x 25mm threaded clean water inlets
- ✓ Weight approx 8T

### External Ramps and Rumble Grids (Optional)

- ✓ 1 pair of 2 x 0.6m x 6m x 0.55m
- ✓ Rumble Grid finish
- ✓ 12T per axle rated
- ✓ Hot Dip Galvanised Structural Steel
- ✓ Weight approx 1.6T

