

Dimensions

Ramp

Length	3000mm
Width	1100mm
Height	400mm

Wash Platform

Length	4000mm
Width	3500mm
Height	380mm

Screens

Length	4000mm
Height	2000mm

Tank

Length	6000mm
Width	2000mm
Height	1500mm

Surface Sump

Length	3000mm
Width	800mm
Height	380mm

Total Footprint

Length	10000mm
Width	7300mm

Wickham's range of surface mounted wheel washing systems is a combined result of industry knowledge built up since Wickham began in 1958.

The Tornado spray system offers any site ultimate performance, minimal maintenance and due to its complete surface mounted design, the ability to change the unit's location with very little effort as the site changes.

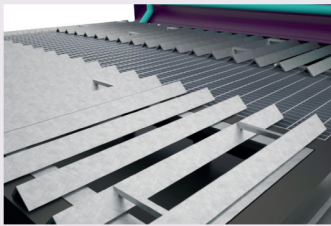
Using the tried and tested rumble road design, it is an essential feature throughout the Tornado system assisting in the removal or compacted dirt and debris within the wheels of the vehicle. Wickham have fully galvanised the rumble grids to ensure they are up to job of dealing with construction traffic day in day out without the unattractive flaking of paint. To make maintenance and servicing easier, the central grids can also be removed to allow easy access to the wash platform.

Where the Tornado packs its biggest punch is within its 74 nozzle spray configuration throughout its 4mtr wash platform. With 40 high volume, solid stream jets all focussed directly at the wheel treads and under carriage, it ensures that all the water is focused in the right place. Jets located between the galvanised treads face toward the oncoming vehicle ensuring the water is hitting the face of the tyre and inner and outer wheel with a final undercarriage blast as the vehicle leaves.

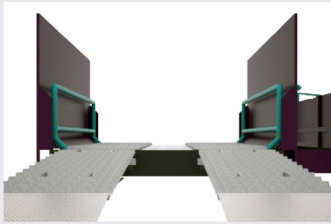
Wickham have also included a side spray set up of 18 high volume fan nozzles, designed to wash and rinse any excess mud that may have covered the outer tyre wall and skirt of the vehicle. This comes complete with an entry and exit curtain spray made up of an additional 16 high volume solid stream jets. Angled toward the centre of the wash platform, these jets are focussed at cleaning the front and rear bumper and final wheel rinse to ensure all vehicles are cleaned effectively.

To minimise down time, the Tornado system also has a unique double wash down feature which ensures effective silt removal that has accumulated within the wash platform. This wash down directs the waste effluent down a sloping floor toward 3 outlets connecting to a surface mounted sump where the waste water is directed to the 3 stage settlement tank.

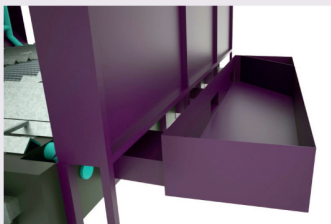
Unlike other wheel cleaning systems, large solids such as stones and rocks are removed instantly by a simple filter plate, the remaining water and silt is held within the 3 stage settlement tank for recycling. Baffle plate's aid in the settlement of the silt whilst also holding back any surface oils within the water, resulting in the final stage being available for wash water. Each section can be emptied via its own waste outlet valve or the plates can be completely removed for even easier access from above for silt removal.



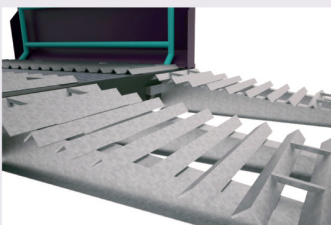
Removable Grids



Screens



Surface Sump



Galvanised Angle

System Specification

- Suitable for vehicles up to 44 tonne.
- Suitable for rigid axel and articulated vehicles.
- Maximum vehicle width 3000mm.
- 16,000ltr, 3 Stage settlement tank.
- 2,220ltr/pm High power submersible wash pump.
- 960ltr/pm Automatic waste return pump.
- High powered ultrasonic entry sensor.
- 74 High flow spray nozzles.

Key Features

- Completely surface mounted.
- Removable internal grids.
- Galvanised steel angle throughout.
- Side screens for water retention.



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