

Dimensions

Ramp

Length	3000mm
Width	1100mm
Height	400mm

Wash Platform

Length	6000mm
Width	3500mm
Height	380mm

Screens

Length	6000mm
Height	2000mm

Tanks

Cyclone Tank:	Length	1800mm
	Width	1800mm
	Height	4000mm
Settlement Tank:	Length	4300mm
	Width	2300mm
	Height	3000mm
Header Tank:	Length	4000mm
	Width	2150mm
	Height	2000mm

Surface Sump

Length	3400mm
Width	800mm
Height	380mm

Total Footprint

Length	12000mm
Width	8000mm

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

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

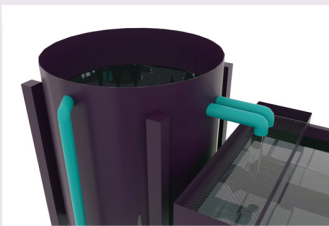
Using the tried and tested rumble road design, it is an essential feature throughout the Cyclone system assisting in the removal or compacted dirt and debris within the wheels of the vehicle. Wickham have fully galvanised the rumble grids to ensure they are up to job of dealing with construction traffic 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 beneath.

Where the Cyclone packs its biggest punch is within its 110 nozzle spray configuration throughout its 6mtr wash platform. With 60 high volume, solid stream jets all focussed directly at the wheel treads and under carriage. It ensures that all the water is focussed 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.

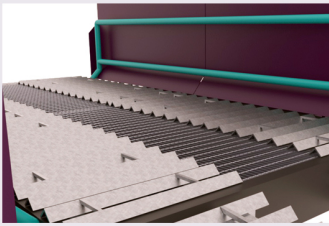
Wickham have also included a side spray set up of 28 high volume fan nozzles, designed to wash and rinse any excess mud that may have covered the outer tyre wall and skirt of the vehicle. This comes complete with an entry and exit curtain spray made up of an additional 16 high volume solid stream jets. 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 Cyclone 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 4 outlets connecting to a surface mounted sump where the waste water is directed to the settlement tank set up.

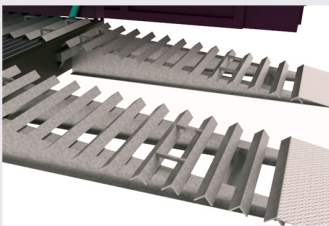
First the waste water circles through the 'Cyclone' tank, settling out any larger solids. Water then flows into the secondary tank, passing through a filter plate basket first. Using a simple baffle and wear plate set up, the solids can settle out further and can be emptied via easy access funnels below. The water then flows into the final tank, where there is a final baffle and wear plate to aid in any additional settlement and hold back any surface oils within the water. This tank then acts as the clean head of water ready for the next wash.



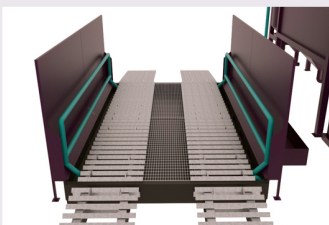
Cyclone Tank



Removable Grids



Galvanised Angle



Side Screens

System Specification

- Suitable for vehicles up to 44 tonne.
- Suitable for rigid axel and articulated vehicles.
- Maximum vehicle width 3000mm.
- Over 31,000ltr of settlement capacity.
- 2,800ltr/pm High powered wash pump.
- 1,300ltr/pm Automatic waste return pump.
- High powered ultrasonic sensor.
- 110 High flow spray nozzles.

Key Features

- Hydro cyclone primary settlement tank.
- Removable internal grids.
- Galvanised steel angle throughout.
- Side screens for maximum water retention.



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