



## Rhino Ecowash® Excel

High performance compact spray wash system with recycling

The Rhino Ecowash® Excel is a compact high pressure spray wash system that operates automatically. Like all systems in the Rhino Ecowash® range, it provides unrivalled reliability and performance. The closed loop system also effectively recycles the water it uses.

The Rhino Ecowash® Excel comprises a robust 4m wash platform, optional 3m ramps and a water recycling tank totalling 15,000 litres capacity, all made from heavy duty steel. It is supplied with quality submersible pumps and the controls are housed in a IP65 rated cabinet.

The newly-improved wash platform benefits from 10 strategically positioned water delivery pipes that spray narrow fans of water up to 3 bar to a targeted location on each tyre. The staggered positioning of the nozzles ensures the whole tyre is cleaned without the occurrence of striping. Manual shut off valves are fitted to provide a personalised spray configuration, if desired. The standard spray pattern is configured to minimise overspray and high side screens come as standard to ensure any deflected water is directed back into the wash platform. The wash operates on a timer that can be adjusted to suit the changing needs of site.

A unique compact side sump, removable grids and improved wash down pipework make it the easiest system available to clean and maintain. Guide rails are supplied in sections for easy replacement in the unlikely event of damage.

The water recycling tank is divided into three sections by baffle and weir plates to aid particulate settlement and water quality. Sludge removal is easily performed either by opening the drain plug at the base of each chamber or via mechanical bucket from above. A clean head of water is located in the final chamber which ensures there is always sufficient clean water for use on demand. A mechanical ball valve enables automatic top-up from a mains water supply, when required.



3  
BAR



32amps, 30kva



15000 L  
water recycling



1 REV



mobile



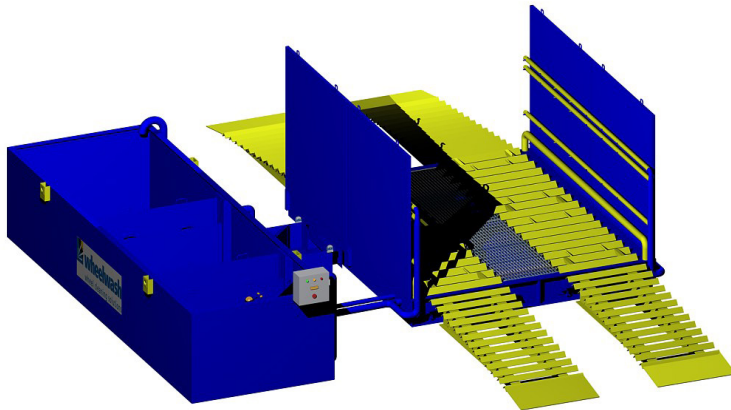
easy maintenance



no civils



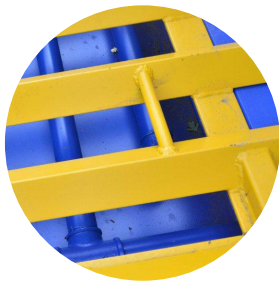
no operator



*Unique, effective spray design*



*Surface mounted sump for easy maintenance*



*Unique washdown Removable grids*



*Optional mobile road and inset tanks*

Wash Platform	4000mm x 3500mm x 380mm 2861 Kg 3140 Litres Capacity
Side Screens (Each)	4 Off / 2000mm x 2000mm x 43mm 110 Kg (each)
Ramps**	3000mm x 1100mm x 380mm 450 Kg (each)
Mobile Road**	4000mm x 1100mm x 380mm 657kg (each)
Wash Pump	8.3 kw, 2160 L/min.
Recovery Pump	3 kw, 960 L/min.
Settlement Tank	5800mm x 2000mm x 1250mm 2150 Kg 15000 Litres Capacity
Sensor	Entry sensor, adjustable timed run
Power requirement	415v, 3 phase 32amps, 30kva

## Customer Requirements

- Clear lifting zone for offloading with Hiab
- Compacted level hardcore or concrete / tarmac base for the system and associated ramps and tanks
- Provision of at least 10,000 litres of water at time of installation / commissioning
- Suitable qualified electrician to hardwire the mains or generator cable
- Nominated site personnel to be available for training

### Additional Information

We supply:

- Free of charge site consultations
- Technical drawings, RAMS & lifting plans
- 12/weekly service visits included in hire rates
- Maintenance contracts for purchased units
- Technical support from trained and experienced engineers



[www.wheelwash.com](http://www.wheelwash.com)