

DEFENDER



The Rhino Agriwash Defender

High performance and compact vehicle disinfecting system

The Rhino Agriwash Defender is an automatically activated drive-through vehicle disinfecting system. It has been specifically designed to reduce the spread of disease by vehicular movements in locations where biosecurity is a concern.

The system comprises a robust wash platform with low profile ramps, spray bars, side screens, an entry sensor, a high performance chemical dosing unit with pump and a small control panel mounted on a 110 litre header tank. It is a surface mounted system, but can be inset for a more permanent installation. The Defender only requires a single phase, 240v power supply and a mains water connection.

The Defender activates automatically upon a vehicle passing the entry sensor. It benefits from strategically positioned nozzles on four vertical spray bars positioned at the corners of the unit and horizontal spray bars located in the platform base. These ensure effective coverage of the vehicles' tyres, wheels, wheel arches and under carriage. The pump delivers 3 bar pressure at the nozzle, ensuring consistent coverage regardless of weather conditions or the remote nature of the location. The spray cycle is adjustable to suit the needs of an individual site. Overspray is minimised by virtue of the heavy duty PVC side screens that can be easily removed if relocating the system.

The waste water collects in the shallow wash platform which is fitted with an overflow port. It can be emptied by connecting a hose and transferring the wash water to an external container or de-watering pad. Alternatively and only when permitted, it can run to waste.

The advanced dosing unit supplied with the Rhino Agriwash Defender has been selected for its long term accuracy and consistency. Adjustable dosing comes as standard (from 0.2% to 5%) and it is easily adapted to suit any commonly used chemical disinfectant, acid or alkaline.

The Rhino Agriwash Defender is delivered on a small crane offload vehicle and can be installed within an hour.



targeted spray



240V



disinfectant



mobile



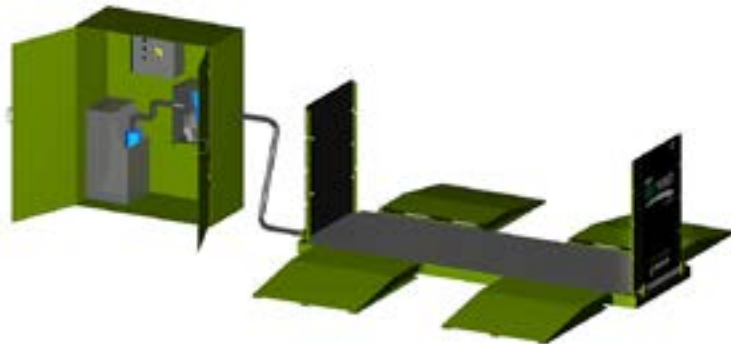
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adjustable timer



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Wash Platform	
Total dimensions	3275mm x 1000mm x 125mm
Internal dimensions	2900mm x 1000mm x 125mm 300kg
Side Screens (x2) PVC	900mm x 1200mm 3kg each
Ramps (x4)	1150mm x 1000mm x 125mm 125kg each
Cabinet	1615mm x 1315mm x 610mm 250kg
Water Requirement	15mm or 1/2" mains feed
Power Requirement	240v, Single phase



Targeted spray for maximum effectiveness



High quality pump for all round coverage



Surface mounted



Adjustable dosing

Additional Information

We supply:

- Free of charge site consultations
- Technical drawings, RAMS & lifting plans
- Maintenance contracts available
- Technical support team of trained and experienced engineers

Customer Requirements

- Clear lifting zone for offloading with Hiab
- Compacted level hardcore or concrete / tarmac base for the system and associated ramps and tanks.
- A constant mains water supply for commissioning and operation
- Disinfectant readily available for testing
- Nominated site personnel to be available for training



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