



# HIPPOWASH

...the wheelwash that swallows the mud

## Hippowash® Evolution

### Evolution Specification

#### Wash Platform

Length	6.00 metres
Width	3.30 metres
Height	0.40 metres
Sump	750mm x 750mm
Sump Depth	750mm
Weight	6.00 tonnes
Finish	Shotblast 3 coat
Sidescreen Height	2.25 metres
Sidescreen Finish	Galvanised

#### Spray Nozzles

Size	5/7mm aperture
Number	131
Flow rate per Nozzle	20 litre/min
Pressure at Nozzle	4.5 bar (68psi)
Material	Solid brass

#### Pump Station / Header Tank

Length	3.00 metres
Width	2.00 metres
Height	2.00 metres
Weight (empty)	2.1 tonnes
Weight (full)	11.1 tonnes
Header Capacity	8,000 litres
Finish	Shotblast 3 coat 2 Pack Primer 2 Pack Gloss

#### Entry/Exit Ramps (4)

Length	3.175 metres
Width	1.30 metres
Height	0.40 metres
Weight	0.60 tonnes each
Finish	Hot dip galvanised

#### Wash Pump

Power Rating	22kW
Flow Rate	1600 litres/min
Pressure	7 bar (103 psi)

#### Submersible Slurry Pump with silt agitator

Power Rating	4.0kW
Flow Rate	1550 litres / min

#### Handlance

Power Rating	3.0kW
Flow Rate	75 litres / min
Pressure	14 bar (203 psi)
Hose length	30.00 metres

#### Settlement Tank

Length	6.00 metres
Width	2.00 metres
Height	2.00 metres
Weight (full)	27 tonnes
Weight (empty)	3.25 tonnes
Settlement capacity	24,000 litres
Finish	Shotblast SAE 2.5 2 Pack Primer 2 Pack Gloss

#### Warranties

Steel work	5 years
Pumps and Controls	12 months
	Manufacturer's guarantee, extendable to 3 years

#### Power Requirement

Mains Electric	415 volt 3 phase neutral + earth
Supply	63 Amps
Generator	45 KVA prime
Type of start	Inverter

#### Requirements of Customer

- Suitable base / excavation to be prepared to site Hippowash unit—flat level hardstanding / concrete base (12m x 3.3m)
- Sump excavation 750mm x 750mm x 750mm
- Flat, level hardstanding / concrete base for pump station and settlement tank (10m x 2m)
- Periodic emptying of settlement tank
- 32,000 litres clean water available at start of installation to charge system
- Customer-appointed electrician to gland and connect power to control panel
- Facility for water top-up into header tank
- 1" - 2" mains water supply



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

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