

# R3-1400 ROBOWASH MACHINE

## R3-1400 FEATURES & SPECS



### MACHINE DESCRIPTION

The R3-1400 Robowash machine delivers superior aqueous parts cleaning performance with the labour saving convenience of automation.

Suited to general all round cleaning applications in the trucking and transport industry with a basket size of 1400mm, an internal height of 600mm and a standard weight range of 1000kg.

The R3-1400 Robowash machine comes standard with full insulation, open lid design, side tables for loading and unloading, automatic water top up circuitry, heater element protection circuitry and electronic thermostat water temperature control.

### MACHINE SPECIFICATIONS

Load Capacity:	1000 kg
Basket Dimensions:	1400mm
Internal Height:	600 mm
Tank Capacity:	280 L
Max Electrical Load:	20A 3 phase
Machine Weight:	600 kg

### KEY FEATURES

- Heavy gauge 3mm mild steel and optional 3mm 316 stainless steel construction
- Fully adjustable cleaning settings including wash cycle times, basket speed and temperature
- Tamper proof lid latch with safety shut down circuit
- Robogun - hand-held high-pressure cleaning attachment
- Patented automatic braking system with optional emergency stop, 7 day digital timer and lid safety stop.

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### INSTALLATION REQUIREMENTS

Installation Requirements for Model R3-1400

#### CONNECTIONS REQUIRED

All connections are required to be dedicated and permanent.

#### ELECTRICAL

Wall plug at the rear of but no further than 5 metres from the machine.

- Option A: 415V, 20 A, 3 phase with Earth (4 pin plug) without purge pump.
- Option B: 415 V, 20 A, 3 phase with Earth and Neutral (5 pin plug) with purge pump.

#### AIR

Supply to the rear but no further than 5 metres from the machine.  
320 series double button hose connection.  
3 bar minimum.

#### WATER

Supply to the rear of but no further than 5 metres from the machine.  
0.5" garden hose cock on a main pressure line.  
Must be permanent for Automatic Top Up Circuitry.

### MACHINE SERVICING & WASTE REMOVAL

#### WASTE WATER

**Robowash Service:** Access for Vacuum Tank to remove waste water from machine. No further than 20 metres.

**Self Service:** Waste water storage tank / IBC at the rear of but no further than 10 metres from the machine.  
Requires additional purge pump assembly.

### MACHINE SPECIFICATIONS

Model	R3-1400
Load Capacity	1000 kg
Basket Dimensions	1400 mm Diameter
Internal Height	600 mm
Tank Capacity	280 L
Pump Motor	415 v 3 Phase 4kW 9.0A Max
Pump Water pressure	380 - 485kPa (55 - 70psi)
Pump Mechanical Seal type	Carbon / Ceramic / NBR
Elements	12.0A
Max Electrical Load	20.0A - 3 Phase
Machine Weight	600 kg
Overall height (lid closed)	1450 mm
Clearance height (lid open)	2550 mm
Depth (inc lid clearance)	2050 mm
Width – right side table*	2100 mm
Width – both side tables	2900 mm
Comments	*Right side table fixed with brake added

