

# R4 ROBOWASH MACHINE

## R4 FEATURES & SPECS



## MACHINE DESCRIPTION

The R4 Robowash machine delivers superior aqueous parts cleaning performance with advanced safety features and the labour saving convenience of automation.

The R4 Robowash is suited to large cleaning applications with a basket size of 1500mm, an internal height of 945mm and a weight range of 1500kg.

The R4 Robowash machine comes standard with full insulation, open lid design for ease of loading and unloading, pneumatically operated water saving lid with safety shut down circuitry, basket loading brake, automatic water top up circuitry, heater element protection circuitry and electronic thermostat water temperature control.

## MACHINE SPECIFICATIONS

Load Capacity:	1500 kg
Basket Dimensions:	1500mm Diameter
Internal Height:	945mm
Tank Capacity:	325 L
Machine Weight:	960 kg
Max Electrical load:	32A 3 phase

## KEY FEATURES

- Heavy gauge 3mm mild steel and optional 3mm 316 stainless steel construction
- Fully adjustable cleaning settings including wash cycle times and temperature
- Fully automatic lid opening with pneumatic safety cylinders
- Robogun - hand-held high-pressure cleaning attachment
- Optional basket speed regulator, pneumatic locking cylinders, emergency stop and 7 day digital timer.

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### INSTALLATION REQUIREMENTS

Installation Requirements for Model R4

#### 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, 32 A, 3 phase with Earth (4 pin plug) without purge pump.
- Option B: 415 V, 32 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.  
Air compressed 600kPa minimum.  
6 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	R4
Load Capacity	1500 kg
Basket Dimensions	1500 mm Diameter
Internal Height	945 mm
Tank Capacity	325 L
Pump Motor	415 v 3 Phase 4kW 9.0A
Pump Water pressure	380 - 485kPa (55 - 70psi)
Pump Mechanical Seal type	Carbon / Ceramic / NBR
Elements	30A
Total Electrical Load	<b>3 Phase</b> 32A
Machine Weight	960 kg
Overall height (lid closed)	1650 mm
Clearance height (lid open)	2800 mm
Depth (inc lid clearance)	2320 mm
Width – left side table	2500 mm
Width – right side table	2300 mm*
Width – both side tables	2600 mm
Comments	* Right side table fixed

