

# R1 ROBOWASH MACHINE

## R1 FEATURES & SPECS



### MACHINE DESCRIPTION

The R1 Robowash parts washer delivers superior aqueous parts washing performance with the labour saving convenience of automation.

Suited to smaller parts washing applications with a basket size of 895mm, an internal height of 550mm and a weight range of 250kg.

The R1 Robowash parts washer 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:	250 kg
Basket Dimensions:	895mm Diameter
Internal Height:	550mm
Tank Capacity:	160 L
Max Electrical load:	20A 3 phase Optional 15A single phase
Machine Weight:	350 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
- Optional patented automatic braking system, emergency stop, 7-day digital timer and lid safety stop

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### INSTALLATION REQUIREMENTS

Installation Requirements for Model R1

#### 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.
- Option C: 240V 15A single phase

#### AIR

Only required for optional Automatic Braking System.  
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	R1
Load Capacity	250 kg
Basket Dimensions	895 mm Diameter
Internal Height	550 mm
Tank Capacity	160 L
Pump Motor	<b>3 Phase</b> 415v 3 Phase 8.7A <b>Single Phase</b> 10.3A
Pump Water pressure	380 - 485kPa (55 - 70psi)
Pump Mechanical Seal type	Carbon / Ceramic / NBR
Elements	<b>3 Phase</b> 13.5A – 3 x 3.3kW <b>Single Phase</b> 12.5A – 2 x1.2kW + 1 x 600w
Total Electrical Load	<b>3 Phase</b> 16.5A – 20A <b>Single Phase</b> 13.5A
Machine Weight	350 kg
Overall height (lid closed)	1300 mm
Clearance height (lid open)	2000 mm
Depth (inc lid clearance)	1500 mm
Width – no side tables	1525mm
Width – left side table	1780mm
Width – right side table	1700mm
Width – both side tables	1940mm
Comments	*Right side table fixed when brake is added

