

# R3 ROBOWASH MACHINE

## R3 FEATURES & SPECS



### MACHINE DESCRIPTION

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

Suited to general all round cleaning applications with a basket size of 1100mm, an internal height of 600mm and a standard weight range of 450kg.

The R3 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:	450 kg
Basket Dimensions:	1100mm
Internal Height:	600 mm
Tank Capacity:	200 L
Max Electrical Load:	20A 3 phase
Machine Weight:	480 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 R3

#### 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

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	R3
Load Capacity	450 kg
Basket Dimensions	1100 mm Diameter
Internal Height	600 mm
Tank Capacity	200 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	480 kg
Overall height (lid closed)	1310 mm
Clearance height (lid open)	2200 mm
Depth (inc lid clearance)	1600 mm
Width – no side tables	1700 mm
Width – left side table	1950 mm
Width – right side table	1900 mm
Width – both side tables	2150 mm
Comments	*Right side table fixed when brake is added

