

R5 ROBOWASH MACHINE

R5 FEATURES & SPECS



MACHINE DESCRIPTION

The R5 Robowash machine delivers superior aqueous parts cleaning performance with advanced safety features and the labour saving convenience of automation.

The R5 Robowash is suited to large cleaning applications with a basket size of 1800mm, an internal height of 1100mm and a weight range of 3000kg.

The R5 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:	3.0 Tonne
Basket Dimensions:	1800mm Diameter
Internal Height:	1100mm
Tank Capacity:	475 L
Machine Weight:	1250 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 R5

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.
320 series double button hose connection.
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	R5
Load Capacity	3.0 tonne
Basket Dimensions	1800 mm Diameter
Internal Height	1100 mm
Tank Capacity	475 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 – Heat up	30A
Elements – Run	20A
Max Electrical Load	32A
Machine Weight	1250 kg
Overall height (lid closed)	1900 mm
Clearance height (lid open)	3770 mm
Depth (inc lid clearance)	2870 mm
Width – left side table	3100 mm
Width – right side table	2650 mm*
Width – both side tables	3100 mm
Comments	* Right side table fixed

