

R6 ROBOWASH MACHINE

R6 FEATURES & SPECS



MACHINE DESCRIPTION

The R6 Robowash machine delivers superior aqueous parts cleaning performance with advanced safety features such as pneumatic locking cylinders. As well as the convenience of open lid design for both top and front loading of components and the power of high impact nozzles and dual pump cleaning pressures.

The R6 machine is suited to large component cleaning applications with a basket size of 2000mm, an internal height of 2000mm and a weight range of 4 ton.

The machine also comes standard with full insulation, basket loading brake, automatic top up with basket speed control, full insulation circuitry, heater element protection circuitry and electronic thermostat water temperature control.

MACHINE SPECIFICATIONS

Load Capacity:	4.0 Tonne
Basket Dimensions:	2000mm Diameter
Internal Height:	2200mm
Tank Capacity:	700 L
Pump Motor (kW):	2 x Ebara Stainless Steel 415V 3 Phase 5.5kW @ 11.8A
Max Electrical load:	32A, 415V 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 emergency stop and 7 day digital timer

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INSTALLATION REQUIREMENTS

Installation Requirements for Model R6

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.
0.5" Female Nitto fitting air lines.
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.

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Model	R6
Load Capacity	4.0 tonne
Basket Dimensions	2000 mm Diameter
Internal Height	2200 mm
Tank Capacity	700 L
Pump Motor	2 x 415V 3 phase 5.5KW @ 11.8A
Pump Water pressure	8 bar pressure (116 psi)
Pump Mechanical Seal type	Carbon / Ceramic / NBR
Elements – Heat up	3 of 4 elements ON = 30A (7140W)
Elements – Run	1 of 4 elements ON = 6.3A (4500W)
Max Electrical Load	32A
Machine Weight	2000kg
Overall height (lid closed)	3150 mm
Clearance height (lid open)	4800 mm
Depth	2400 mm
Width	3300 mm

