

# ROBOWASH

## AUTOMATIC CLEANING SYSTEM

# R1

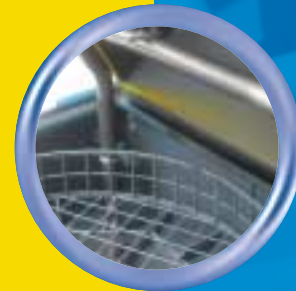
## FEATURES & SPECS

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### ROBOWASH® FEATURES R1

- Heavy gauge (3mm) industrial all steel construction.
- Full insulation for reduced power consumption and noise levels.
- Ergonomically designed, neutral lift water-saver lid with tamper-proof latch and safety shut down circuit.
- Open lid design maximising visibility and access.
- Work flow side tables.
- Adjustable feet for balancing and mobile crane access.
- Simple control panel.
- Waterproof electrical control box.
- Automatic washing cycle timer. (adjustable - set at 15 min)
- Basket speed controller. (adjustable)
- Closed loop spray manifold with flushing-out valve.
- Spray manifold service key circuit.
- Hot water pressure cleaning gun. (patent approved)
- Automatic water top up circuit.
- Heater element protection circuit.
- Electronic thermostat water temperature control.
- Integrated waste water purging pump. (optional)
- Designed for easy servicing and maintenance.



### SPECIFICATIONS MODEL R1

#### Description

Load capacity	<b>R1</b> 250kg
Basket Size	740mm diameter
Internal height	410mm
Tank Capacity	110L
Pump motor	4.1kW
Pump Water pressure	415 V 3 phase 6.6 A 385 kPa
Pump mechanical seal type	Silicon carbide on ceramic
Elements - heat up and run	9.9A - 3 x 2.4kW
Total electrical load	16.5A - 20A 3-phase wall plug required
Machine weight	300kg
Overall height (lid closed)	1210mm
Clearance height (lid open)	1710mm
Depth (inc lid clearance)	1350mm
Widths	No side tables fitted 1350mm Left side table fitted 1560mm Right side table fitted 1500mm Both tables fitted 1730mm

# R1

INSTALLATION

# ROBOWASH

AUTOMATIC CLEANING SYSTEM



## 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, 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.
- 320 series double button hose connection.

### 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.

### WASTE WATER

- Option A: Waste water storage tank at the rear of but no further than 10 metres from the machine.
- Option B: Inlet to existing waste water treatment system.



1100mm  
lid clearance

750mm

waste water

