

Guyson Marr Orbit 1000 Top Loading Spray Wash



Stock No	DB1430
Manufacturer	Guyson Marr
Model	Orbit 1000
Year of Manufacture	1995
Serial	801721
Condition	Good Condition
Work Envelope (WxDxH mm)	Basket 1100 mm dia
Process Stages	Single stage wash
Other Info	Ask for machine report listing faults
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	310
External Dimensions (WxDxH mm)	1560 x 1320 x 1200

Description

Orbit 1000 Rotary Basket Washer

The Guyson Orbit industrial quality single stage parts washer offers excellent cleaning results, with a motor driven rotating basket carrying the components under the highly effective spray jets.

Numerous optional extras bring additional productivity, handling and cleaning quality benefits to customers with very

specific requirements.

Orbit washers are popular for use in manufacturing cells for cellular aqueous parts cleaning.

Typical Orbit Wash Applications

Degreasing automotive parts (both garage or remanufacturing), degreasing aerospace flap actuation gears, washing industrial pump bodies and automotive exhaust manifolds, low volume tote bin washing, cleaning sap of circular wood saws.

Rotary Basket System

Guyson International's Orbit 1000 is a compact cellular washing machine which is reliable, efficient and durable. Orbit 1000 rotary basket washers are well equipped to bring additional productivity, handling and cleaning quality benefits to customers who have very specific requirements above and beyond the industrial standard specification.

Rapid cleaning of all component surfaces with safe detergents is assured by rotating components in the motor driven basket in front of V-pattern spray jets, orientated from three sides towards the components.

The hot wash solution is driven by a high pressure stainless steel 4 bar pump through stainless steel pipework. A constant basket rotation of 5 revolutions per minute and the use of all the available spray pressure for cleaning and not diverting part of it into rotating the basket enables high wash solution flow rates to impact on the components and deliver superior cleaning.

The compact machine footprint and ease of operation for high quality cleaning provides a winning combination and makes the Guyson Orbit a very familiar sight around many European blue chip company manufacturing sites.

Orbit rotary basket washers are well equipped as standard but also available are a number of optional extras that bring additional productivity, handling and cleaning quality benefits to customers who have very specific requirements above and beyond the industrial standard specification.

Fitted Options

- Disc skimmer to remove oil from the solution surface which increases solution life and improves cleaning.
- Tank temperature control.
- Wash off spray gun.
- Fine filtration between pump and spray bars.
- Lid safety interlock

Technical specification:

- Basket diameter 1000mm
- Max load height 450mm
- Safe load 250Kg's
- Max height under jets 480mm
- Max load weight concentric loading 50kg

The Marketplace for Surface Technology.
New and Used Process Equipment & Machinery.

Machine Datasheet



- Width 1650mm
- Depth 1400mm
- Depth (with lid open) 2150mm
- Machine height (to top of lid) 1200mm
- Loading height 775mm
- Basket drive 0.125kW
- Basket speed 5.5 r.p.m.
- Pump flow rate (ltr/min) 100 @ 63 psi
- Spray pressure 4.5 bar
- Tank capacity 210 litres
- Heater capacity 3 x 3kW
- Typical temp 40-65°C
- Automatic water fill, standard services

Electricity: 400v 3Phase +Neutral + Earth 50Hz

Mains water: ½ inch BSP

Drainage: 1.5 inch BSP

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.



Surface
Engineering
Association

Riley Industries Ltd
A subsidiary of Barry Riley & Sons Ltd. Director: M P A Riley, Secretary: D Hemming
Registered in England no. 1965748



European
Association of
Machine Tool
Merchants