

Orbit

Rotary Basket Washers

**For fast, effective and economical
cleaning and degreasing**



GUYSON
www.guyson.co.uk

**where quality
comes to the surface**

Orbit 600 & 800

Compact cellular washing

Reliable, efficient and durable



Rotary Basket Systems

The Orbit washer is an industrial quality, water based cleaning machine built for tough cleaning needs. Efficiency and long life are guaranteed from the heavy gauge 304 stainless steel construction with 25mm thick energy efficient thermal cladding around the tank and a double skinned lid providing high quality insulation and lower energy costs.

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 4bar 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.



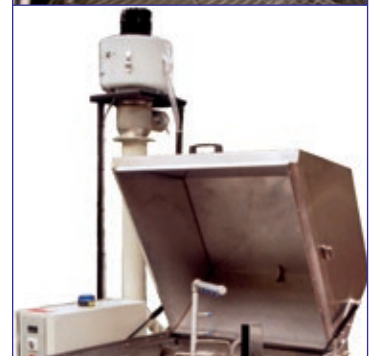
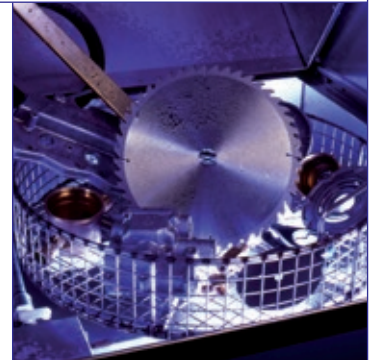
Orbit 600 & 800 Rapid parts cleaning

Aqueous cleaning and degreasing

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.

Optional Extras

- Disc skimmer to remove oil from the solution surface which increases solution life and improves cleaning
- Extraction fan to prevent steam and vapour escaping
- 7 day timer - allows pre-heating of the machine before the workday begins
- Digital tank temperature control
- Low level water sensor
- Fine filtration between pump and spray bars
- Air knife to remove excess fluid
- Hand spray lance for quick manual cleaning
- Coalescing oil separator
- Other special features to suit individual customer applications on request



ORBIT TECHNICAL DATA

	600	800
Basket Diameter (mm)	620	820
Max Load Height (mm)	400	400
Max Load Weight (kg) Concentric loading	50	50
Width (mm)	1195	1325
Depth (mm)	1090	1255
Depth (with lid open)	1200	1400
Machine Height (to top of lid) (mm)	1190	1235
Loading Height (mm)	775	775
Basket Drive (kW)	0.125	0.125
Basket Speed (r.p.m.)	5	5
Pump flow rate (ltr/min)	100 @45 psi	100 @60 psi
Spray Pressure (bar)	4.2	4.2
Tank Capacity (litres)	100	125
Heater Capacity (kW)	6	6
Typical Temp.°C	40-65	40-65
Automatic water fill	Standard	Standard
Services		
Electricity:	400v 3Phase + Neutral + Earth 50Hz	
Mains water:	½ inch BSP	
Drainage:	1 inch BSP	



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Guyson International



Guyson International Limited is the largest independent manufacturer of blast finishing, spray washing and ultrasonic cleaning equipment in Europe and supplies a worldwide customer base. Guyson offer automated handling solutions, where suitable, including both robot load & unload and also pick & place options.

Comprehensive ranges of automatic and manual blast cabinet systems are available to suit all production situations. Specialist applications include surface treatment of medical implants, shot peening of turbine blades and surface preparation of components such as cutting tools, to improve coating adhesion, prior to PVD coating.

Ultrasonic equipment includes bench top baths for laboratory, medical and light industrial use and ultrasonic cleaning tanks for industrial use. Microsolve systems for precision cleaning in wide range of sectors including electronics, optics, aerospace and defence, as well as multi-stage aqueous ultrasonic systems for specialised cleaning of components such as medical implants, hard disk drives, diamonds, optics etc.

Also available is a range of aqueous spray wash equipment including rotary basket washers, conveyerised tunnel washers and a compact high impact hot aqueous spray washer designed for the workshop. Full product and application information for all equipment is available on the Guyson website.