



GUYSON



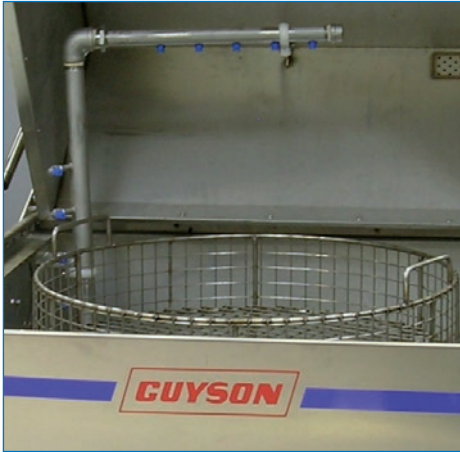
Guyson Orbit - Rotary Spray Washers

guyson.co.uk

Orbit 600 & 800 - Compact cellular washing

Rotary Basket Systems - Fast and Effective Cleaning and Degreasing

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 25 mm thick energy efficient thermal cladding around the tank and a double skinned lid providing high quality insulation and lower energy costs.



Spray Bars Top, Side and Bottom

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.



Special ATEX Rated Orbit Washer

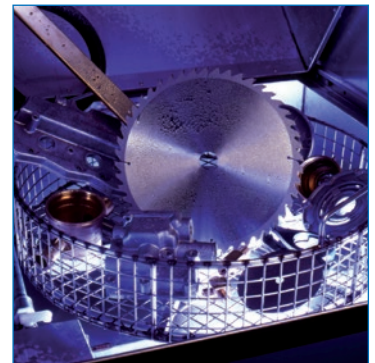


Aqueous cleaning and degreasing

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



Optional - Filtermist Extraction Fan



Optional - Disc Skimmer

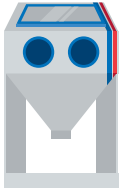


Optional - Air Knife

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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in the UK since 1938



Products

Manufacturers of Blast Finishing, Peening,
Ultrasonic & Spray Wash Systems



Customer Service

After Sales, Spares and Blast Media, Sample
Evaluation, Training & Demonstration



Service

On Site Installation, Commissioning,
Preventative Maintenance, Service and Repair

Industries

Guyson covers all market sectors and specialise in:



Automotive

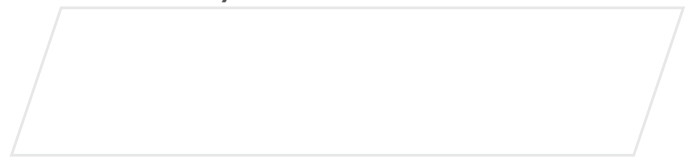


Aerospace



Medical

Distributed by:



Contacts

UK

Sales, Design and
Manufacturing Centre

Guyson International Ltd.

Snaygill Industrial Estate
Keighley Road
Skipton, North Yorkshire
BD23 2QR

T: +44 (0)1756 799911

E: info@guyson.co.uk

www.guyson.co.uk

France

Sales and Service Centre

Guyson SA

ZAC des Portes de l'Oise
2 rue Henri Becquerel
Bâtiment B7
60230 Chambly, France

T: +33 (0)1 30 28 43 16

F: +33 (0)1 39 37 87 71

E: contact@guyson.fr

www.guyson.fr

USA

Design and Manufacturing
Centre

Guyson Corporation of USA

W.J. Grande Industrial Park
13 Grande Blvd.
Saratoga Springs
NY 12866-9090

T: +1 518 587 7894

F: +1 518 587 7840

E: info@guyson.com

www.guyson.com

Malaysia

Sales and Service Centre

Guyson SDN BHD

Shoplot 10, G/F Hotel
Equatorial
1 Jalan Bukit Jambul
11900 Penang

T: +60 46 41 49 95

F: +60 46 41 50 03

E: kerry@guyson.co.uk

China

Sales and Service Centre

Guyson SDN BHD

Wuxi Representative Office
28# Building, ZhenXin Road
Xing An, New District
Wuxi

Jiangsu Province

P.R. China

Postal code: 214000

T: +86 510 82790120

F: +86 510 82790120

E: zzlzh@guysn.co.uk

