

GUYSON

Guyson finishing equipment for the Oil & Gas sector

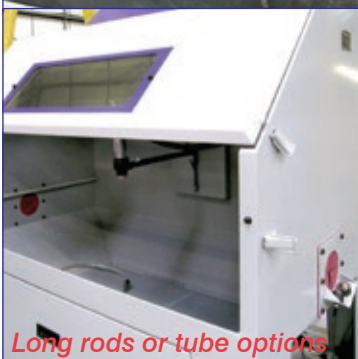
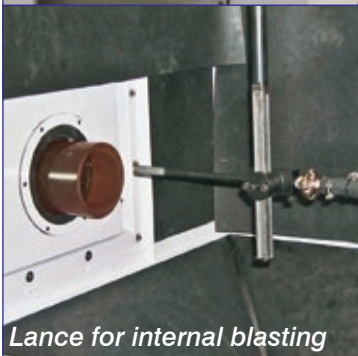
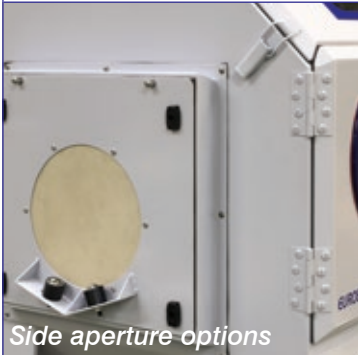


GUYSON
www.guyson.co.uk

where quality
comes to the surface

Grit blasting or shot peening

Handling options for pipes, rods, drills, tubes, valves, couplings ...



Guyson International has been providing an effective grit blasting solution to many of the oil and gas industry's leading companies, for example the cleaning of drill rod threads and deburring couplings, since Guyson was formed back in 1938. Guyson's extensive range of blast equipment is equally capable of removing machining marks, heat scale and discolouration and also rust and caked on mud. Guyson has also produced blast machines for shot peening the internal threads on drill rods and their couplings.

Over the years Guyson has created a complementary range of component handling solutions for its premier industrial quality range of Euroblast® cabinets. Cabinet options include numerous self-sealing side openings and cut outs in cabinet walls for passing through or inserting longer lengths of rods, tubes or drills for surface treatment, or optional lance for blast finishing internal surfaces. Many side loading options have also been developed to enable heavy or bulky components, such as large valves, pumps or couplings, to be positioned effortlessly inside the cabinet. Larger heavy components can be winched into the blast chamber via an optional roof slot, which allows hoist chains to deliver components directly into the centre of the cabinet without manual lifting.

Turntables can be mounted inside the cabinet or on a heavy duty side loader frame and moved in and out of the cabinet on a rail track; turntable rotation can be manual or automated. Additionally turntables can be polyurethane coated for hard-wear protection and numerous turntable furniture options are available to facilitate specific component handling, such as rotational rollers which are often used when deburring large couplings.

Special two metre square cabinets are available for larger fabrications, equipped with multiple armholes for ease of reaching around larger components. Also automated blast systems, fitted with powered turntable or a central rotating spindle and a driven gun carriage, allowing vertical or horizontal (or both) gun traversing across or up and down the component. Additionally a choice of blast guns, gun holders, windows, gloves or sleeves, cyclones and dust collectors are available, to create a truly flexible blast range.

Spray washing and ultrasonic cleaning

Cleaning options for filters, tubes, valves, pumps, couplings ...

Guyson also manufactures a large range of 'Kerry' branded ultrasonic cleaning equipment which offers a rapid and highly effective method of precision cleaning components to a very high standard. Manual cleaning or even spray wash methods may struggle with blind holes or stubborn surface contamination but these problems can be solved when ultrasonics are used. The millions of microscopic bubbles created during ultrasonic cavitation implode and create a highly effective, but gentle, 'scrubbing' action on any immersed surfaces, delivering effective cleaning. Ultrasonic cleaning often proves most effective when used in conjunction with spray washing, to wash off the bulk of the heavy duty soils first, then ultrasonics to deliver the final cleaning. A wide range of equipment choice is available from bench top baths and larger industrial quality tanks, to systems with automated handling facilities to suit component size.

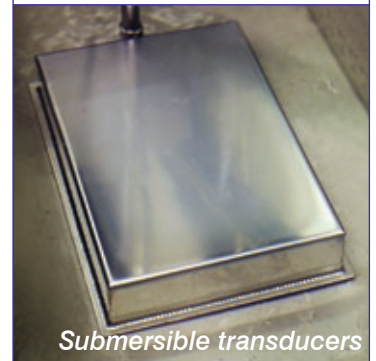
Guyson's 'KS' ultrasonic cleaning tanks are robustly constructed using AISI 316L polished stainless steel for durability, and their Kerry Pulsatron® ultrasonic generators ensure powerful parts cleaning and long equipment life. The optional Kerry Guysonic generator with Primewave® controller provides switchable dual frequency cleaning, variable power control and storage of a variety of cleaning programs for automatic operation when required. The 'UCR' version provides a heated ultrasonic cleaning tank, an immersion rinse weir to drain and a hand held spray nozzle for final rinsing. Options include lid, basket, raising stand, level sensor, pumped filtration, heating to the immersion rinse and deionised water spray rinse.

Guyson KST submersible box type transducers are also available in various configurations across a range of standard sizes and are designed for retrofitting to existing cleaning tanks.

Additionally Guyson manufactures a range of aqueous spray wash products, one of the latest models being a fully ATEX certified Guyson 'Orbit' rotary basket washer, capable of being used directly on production platforms for cleaning and degreasing components such as filters. Simple to use, this is cost effective and very time efficient compared to labour intensive manual cleaning methods or to transporting parts back to shore-based cleaning operations. Environmentally sound, it uses only safe aqueous wash technology.



ATEX certified spray washer



Submersible transducers



Guysonic ultrasonic generator



Large ultrasonic tanks



High impact spray washing



Ultrasonic tanks for longer parts



Contacts

UK

Sales, Design and Manufacturing Centre
Guyson International Ltd.
Snaygill Industrial Estate
Keighley Road, Skipton
North Yorkshire, BD23 2QR
Tel: +44 (0)1756 799911
Fax: +44 (0)1756 790213
email: 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
Tél: +33 (0)1 30 28 43 16
Fax: +33 (0)1 39 37 87 71
email: 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
Tel: +1 518 587 7894
Fax: +1 518 587 7840
email: 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
Tel: +60 46 41 49 95
Fax: +60 46 41 50 03
email: kerrygg@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
Tel: +86 510 82790120
Fax: +86 510 82790120
email: zzlzhly@guyson.co.uk



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 robot load & unload and pick & place options across its entire range of equipment.

Ultrasonic equipment includes: bench top - suitable for laboratory, medical and light industrial use, KS tank range for industrial use, Microsolve multi-stage precision cleaning systems for a wide range of specialised cleaning including PCB's, optics, aerospace, defence components. PCB stencil cleaner, also multi-stage aqueous ultrasonic systems for specialised cleaning of components such as hard disk drive, 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.

A comprehensive range of manual blast cabinet options are also available to suit all production situations, options include: bench top, sit down, side loaders, turntables and variable height. Full product and application information for all equipment is available on the Guyson website.

