



GUYSON



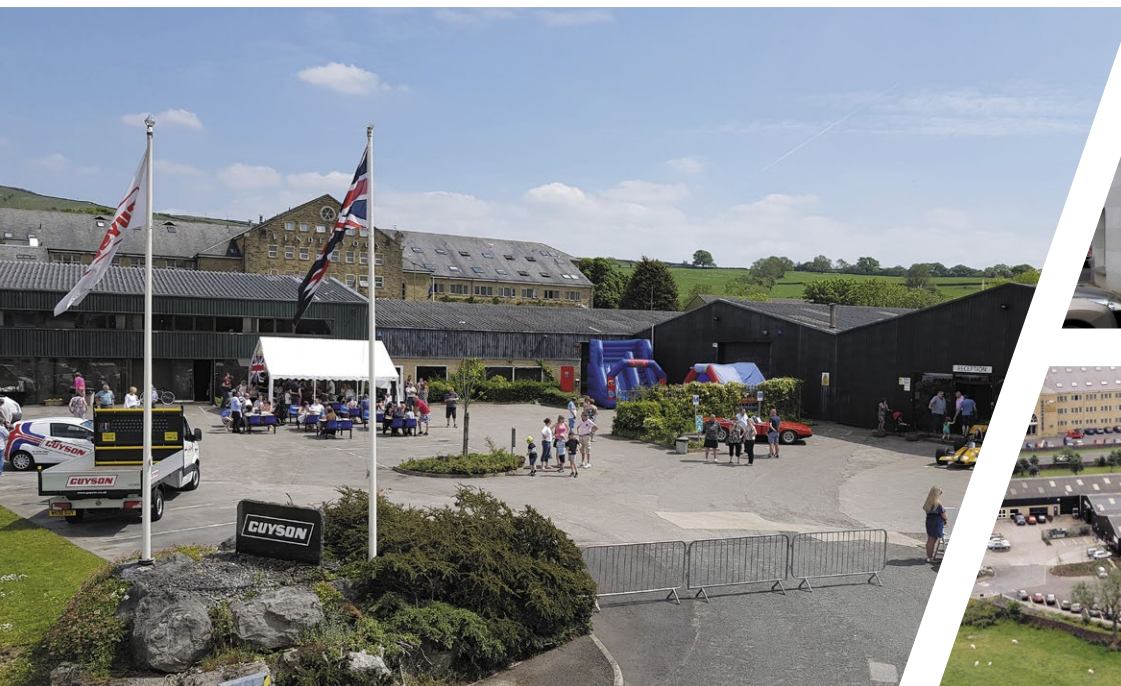
Wheelmaster - Alloy Wheel Blast Cabinet

guyson.co.uk

Introduction

Guyson International Limited is a privately owned family company with a world-wide reputation for excellence in the design and manufacture of robot, automated and manual blast finishing, shot peening, spray wash and ultrasonic cleaning systems.

Founded over 80 years ago (Est May 20th 1938) Guyson Industrial Equipment Limited began as a distributor of garage equipment as well as manufacturing small sand blast cabinets. In 1972 the company was re-named 'Guyson International Limited' to better reflect the company's export success and increasing overseas interests. Through acquisition - Marr Engineering (1996) and Kerry Ultrasonics (2004) - Guyson has enhanced our product offering incorporating spray wash, ultrasonic and solvent cleaning systems to a comprehensive range of blast systems.



Guyson continues to innovate and invest offering unrivalled support for our existing and new customers across the globe. With headquarters in Skipton North Yorkshire, the Guyson Blast & Wash group consists of: Guyson Corporation, Saratoga Springs USA; Guyson SA, Chambly, France; Guyson Sdn Bhd, Penang, Malaysia; and Guyson CN, Wuxi, China. With a growing network of distributors and re-sellers Guyson provides class leading cleaning and surface finishing solutions across any market sector, anywhere in the world.



The Guyson Range

Over the last 80 years we have honed our knowledge and experience of a huge variety of applications for our products, and along with our customers we are still finding innovative and ingenious ways to create the perfect finish. We work across a vast range of industries at all levels from hobbyists and sole-traders to some of the world's largest companies, we like to think we have the right Guyson Solution whatever the process or application.

With such a wide range it is important that we make the right choice. That's why our free sample evaluation service, open to anyone, has always been a cornerstone of our business. We work hard to make sure you get the best solution, from initial sample evaluation, witness tests and factory acceptance tests all the way through to installation, maintenance and operator training.

Manual Blast



Formula - Entry level blast cabinets



Euroblast - Industrial blast cabinets



Tumbleblast - Batch load rotary basket systems



Euroblast SBP - Seated blast cabinet



Mediblast - Stainless steel blast cabinet



Euroblast GL - Flat glass blast cabinet



Euroblast - Extra large blast cabinets

Ultrasonic & Wash



Guyson - Benchtop ultrasonic baths



UCR - Ultrasonic wash & rinse baths



CRD 450 - Wash, rinse & dry



Microsolve - Solvent cleaning systems



Microclean - Multi-stage ultrasonic



Orbit - Spray wash

Automated Blast



RB - Robotic blast systems



Multiblast RXS900 - Rotary indexing blast systems



Multiblast RSB - Rotary spindle blast systems

Specifically designed cabinet with handling features to help with heavy wheel lifting

By removing the heavy lifting and overreaching part of the load and unload operation, you will notice that the Guyson Wheelmaster was designed firmly with the operator in mind.

The front door of the blast machine opens fully to allow maximum access for weight bearing equipment such as electric or hand-powered hoists. The wheel support cradle tilts and pulls out of the cabinet to allow the wheel to be mounted in a vertical position, removing any likelihood of over reaching whilst loading heavy wheels.

The wheel is located on a central spindle, supported by a cross-braced support whilst being rotated by hand. A large armhole allows maximum operator accessibility during blasting.

In contrast to traditional disc sanders, blasting produces an even finish with easy sweeping strokes across the entire wheel surface and allows blast media to penetrate between the spokes, enabling localised etching as required.

A full-width foot pedal allows for comfortable, responsive action to engage the blast gun and keep it blasting. Once the foot pressure is released, the blasting ceases.



Model 41 dust collector



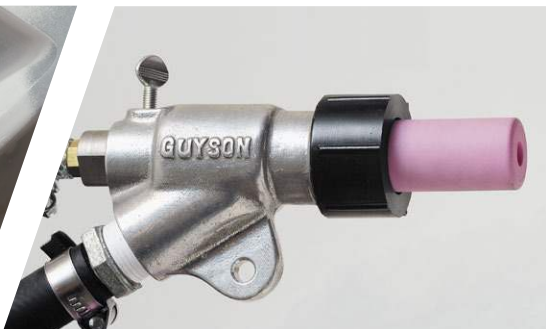
Wheelmaster cabinet open and ready to load a wheel



Alloy wheel located on spindle



Blast etching the wheel surface



Model 900 blast gun

	41 Dust Collector	C400 Dust Collector
Height (mm)	1041	1650
Depth (mm)	553	770
Width (mm)	450	460

Guyson Wheelmaster Dimensions	
Height (mm)	1750
Depth (mm)	1200 / 990*
Width (mm)	990

* 990 mm version is available for using in a van

Suction and pressure feed options for light etching to full paint removal



The heavy-duty all-steel blast cabinet design allows for excellent visibility of the wheel and the area being etched, whilst bright internal lighting provides even illumination without shadows. Optimum visibility is maintained inside the cabinet by a highly efficient dust collector constantly removing media dust and fine particles.

If a wheel needs to be stripped back to bare metal or for intensive blasting, a pressure feed blast system is an option and provides cycle times that can be up to four times faster than suction feed. The blast media being stored within a pressure pot and driven by compressed air through the blast nozzle to impact upon the wheel.

Guyson also manufacture a range of cyclones. The function of the cyclone reclaimator is to separate out re-usable media from the dust, blast debris and undersized media. This ensures the consistency of the finish will be maintained as well as the cycle times as the blast media will be of better quality. Visibility is also improved. Cyclones are available as stand-alone units, cabinet-mounted or as an integral part of a pressure feed blast system.



Stand alone motorised cyclone



C400 dust collector



Rubber lining is available



Cabinet mounted un-motorised cyclone



PF System with pot and motorised cyclone

Wheelmaster - Compressed Air Requirements	
Application	Air Requirement / CFM
Lightly Etch Lacquer	
Suction Feed System (SF)	4.8 mm Airjet @ 50 PSI / 27 CFM
Pressure Feed System (PF)	8 mm Nozzle @ 20 PSI / 45 CFM
Strip Back to Raw Metal	
Pressure Feed System (PF)	5 mm Nozzle @ 80 PSI / 40 CFM

NB. The lowest air consumption at 50 PSI would be 11 or 18 CFM, if a smaller bore air jet is fitted.

Test & Demonstration

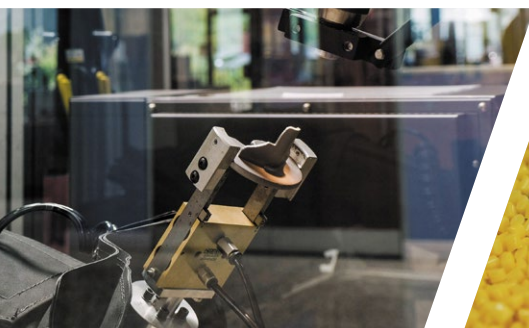


Here at Guyson we understand that choosing the right equipment for the job is a process critical decision which is why we insist on comprehensive sample evaluation prior to recommending any of our systems. We have always offered a free sample evaluation service and ensure we can provide the best possible advice and recommendations on media type, equipment selection and process considerations.



With more than 80 years of experience and one of Europe's largest test and evaluation facilities, Guyson provides unrivalled level of process qualification, recommendation and operator training.

Contact us today to get your components evaluated, book a demonstration or just simply take a tour.





Spares, Media & Services

Products

Established in 1938, Guyson International Limited is a privately owned family company with a world-wide reputation for excellence in the design and manufacture of robot, automated and manual blast finishing, spray wash and ultrasonic cleaning equipment. Guyson International manufacture, assemble and test in the UK to the latest ISO 9001:2015 quality and ISO 45001:2018 health and safety standards.



Customer Service

Guyson don't just manufacture and supply products, our dedicated customer service team are available to provide our customers with the best possible aftersales care. From advice and guidance on equipment selection and operation to the identification of spares or blast media our customer service team have over 80 years of experience to ensure your Guyson equipment is operating at its optimum level.



Spares

We hold extensive stocks of consumables and wear parts in support of all our equipment. Based at our Skipton head office our dedicated aftersales team are perfectly placed alongside our design, service, test and manufacturing teams to advise and help identify spares for machines dating back for 30+ years. With collection or next day delivery available, Guyson is best placed to provide peace of mind ensuring your Guyson equipment continues to run efficiently.

Blast Media

Guyson are experts in the selection and supply of all types of blast media. From our test and demonstration facility we provide a free sample evaluation service and can advise you on the best possible media for your application. With over 60 types and sizes of blast media in stock and a wide range of specialist options available to order Guyson is your first choice for quality and service.

Service

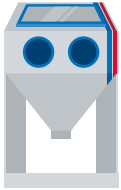
All Guyson equipment comes with 12 months comprehensive warranty as standard. With operator and maintenance training available when your machine is delivered, customer service support over the phone and a team of Specialist Field Service Engineers to install and commission your equipment, Guyson delivers peace of mind.

To ensure your Guyson equipment continues to run smoothly our dedicated service team can offer a comprehensive range of service packages. From preventative maintenance and service agreements to breakdown, repair and refurbishment, Guyson strive to ensure your investment stays as productive as possible for as long as possible.

For more information on sample evaluation, training, media, spares and our range of services packages visit our website or contact your nearest Guyson location, details on the back of this brochure.



Designed & Manufactured
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

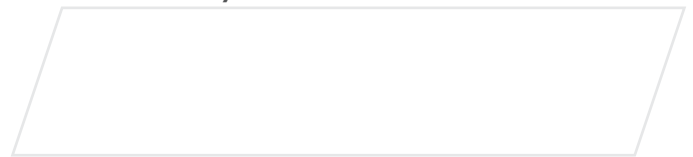


Aerospace



Medical

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