

# Wheelmaster

alloy wheel blast cabinet

## A dedicated blast machine for alloy wheels



# Remove heavy lifting from the workshop

## Specifically designed cabinet and handling features



The Guyson brand name guarantees the highest levels of efficiency, reliability and quality – the three key factors that have ensured our success for over 70 years.

Repeated lifting of heavy alloy wheels wears out even the fittest operator and couple that with current Health & Safety manual lifting guidelines and you can see that the Guyson wheelblaster has been 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 wheels.

The wheel is located on a central spindle and supported by a cross braced circular support. The blast cabinet is fitted with extra large armholes to allow maximum operator access whilst blasting. The wheel is rotated by hand and can be blast etched just as easily by left or right handed operators. A full width foot pedal, allows comfortable and responsive action to engage the blast gun and maintain blasting - which ceases the moment that foot pressure is released.





# Suction and pressure feed options

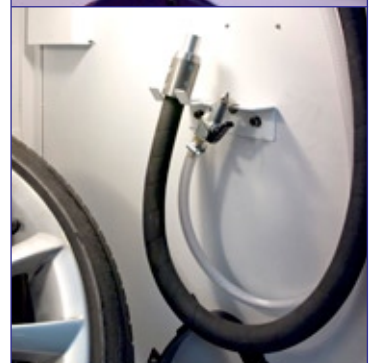
## Light etching to full paint removal

The heavy duty all steel blast cabinet affords excellent visibility of the wheel and the area being etched; with bright internal lighting delivering even illumination without shadows. Optimum visibility is maintained inside the cabinet by a highly efficient dust collector constantly removing media dust and fine particles.

The blasting process produces an even finish with easy sweeps across the entire wheel surface and allows easy penetration of the blast media stream between the spokes, unlike traditional disc sanders, and very precise localised etching if required.

A cyclone separator can improve separation of dust from good blast media prior to media being recycled. This means that the consistency of the finish is improved and the cycle times are maintained, as only better quality blast media is recycled. There is also normally an improvement in visibility. Cyclones are available in several options, stand alone, cabinet mounted or as an integral part of an optional pressure fed blast system.

An optional pressure feed blast system is available for intensive blasting or when needing to strip a wheel back to bare metal. The blast media is stored within a pressure pot and falls through a valve into a compressed air stream within the blast hose. It is then accelerated through the blast nozzle to impact upon the wheel. The pressure feed system produces faster moving blast media and offers cycle times that can be up to four times faster than a suction feed system for tougher blasting applications.



# 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  
1 Rue Du Gué  
77990 Le Mesnil Amelot  
France  
Tel: +33 (0)1 60 27 25 00  
Fax: +33 (0)1 60 27 25 09  
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  
RM1206, East Yunding Building  
Xianqiandong Road  
Wuxi  
Jiangsu Province  
P. R. China  
Postal code: 214002  
Tel: +86 510 82790120  
Fax: +86 510 82790120  
email: zzlzhzy@guyson.co.uk



FM 38758  
ISO 9001:2008

# Guyson International



Guyson International is the largest independent manufacturer of blast finishing, spray washing and ultrasonic cleaning equipment in Europe and supplies a worldwide customer base. Guyson offers comprehensive ranges of automatic and manual blast cabinet systems for a variety of component finishing applications. We also provide a wide range of Kerry ultrasonic cleaning equipment, including bench top baths and industrial quality cleaning tanks for precision cleaning of items such as carburettors, injectors and air jets. Additionally available is a range of safe aqueous spray wash equipment including rotary basket 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 our website.



## COMPRESSED AIR REQUIREMENTS FOR GUYSON WHEELMASTER

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

