

**GUYSON 75 YEARS  
1938 - 2013**

**Euroblast®**  
first for finishing

# Premier quality blast cabinet range



**GUYSON**  
[www.guyson.co.uk](http://www.guyson.co.uk)

**where quality  
comes to the surface**

# 75 years in the making

## Wide choice of cabinet options

It pays to buy Guyson quality. Don't settle for a 'catalogue quality' blast cabinet. It won't last, as a number of our customers have proven that for themselves... and then they came to us.

The Euroblast range of cabinets are highly durable, rigid and tightly sealed, fabricated and welded in 16 gauge sheet steel and finished to the highest quality standards.

Leading the industry, with exceptional component entry facilities and sleeved armholes which provide safe and comfortable operator access.

Guyson manual bead blasting equipment offers a faster alternative to labour intensive operations such as hand deburring, scraping and wire brushing, chemical cleaning, acid etching or dipping, liquid honing, knife trimming, sanding, grinding and many others.

It is ideal for component producers, reconditioners and remanufacturers seeking to replace these slower and more labour intensive methods.

Shown throughout this brochure is a selection of frequently supplied cabinet options.



# Surface finishing expertise

## Suction or pressure feed

Guyson blast finishing uses compressed air to propel blast media directly at the component through an exclusively designed blast gun. These clean and safe operations are housed in an illuminated cabinet from which dust is constantly removed and the blast media recycled to provide a continuous and reliable cleaning and finishing system.

There are two types of Guyson bead blast installations, both capable of using a wide selection of blast media at alternative pressures ... pressures low enough to blast delicate parts and high enough to handle the most demanding cleaning and finishing operations.

### Suction Feed

Suction feed or venturi systems are generally selected for light-to-medium production requirements.

### Pressure Feed

Designed for speed, giving faster cleaning times (up to four times faster than venturi systems) to meet higher production requirements.



Guyson Model 900 Suction Gun



Guyson Model 400 Suction Gun



# Choices, choices, choices

## Premier quality blast cabinet range



*Euroblast 2*

The Euroblast range of cabinets starts with the Euroblast 2 which is ideal for small workshops and craft studios. The Euroblast 2 has internal chamber dimensions of width 660 x depth 480 x height 500mm which is about the size of one drawer of an average filing cabinet.

It finishes in terms of standard sizes with the Euroblast 10 which can more or less accommodate the whole filing cabinet in its cavernous chamber with dimensions: width 1480 x depth 1480 x height 1145mm. Larger, taller, wider versions can be, and often are, made to meet particular customer criteria.



*Euroblast 4*

In between we have the 4,6,7,8 and 9 that are sized progressively larger to accommodate different component dimensions, but all made with great care and attention to detail by a highly skilled workforce.

Larger armholes to facilitate ease of reach around the component are standard on models 6, 7, 8, 9 and 10



*Euroblast 6*



*Euroblast 7*

# Something to suit every situation

## Designed for purpose

Euroblast GL is a specifically designed suction feed only Euroblast cabinet for blasting flat glass. Specific glass handling features such as roller channels for the glass to traverse evenly in a controlled manner through the blast chamber. A self-sealing felt buffer contains media within the blast chamber, whilst the glass is fed through at a perfect angle for blasting.

And as operators don't come in set sizes to suit your machine, Guyson manufacture the Select, a variable height machine offering greater operator comfort and flexibility. Variable height of operation by manual or electronic means enables the machine to rise or fall vertically giving flexibility to fit a range of operators. Ideal for shift systems where productivity needs to be maintained. Available in either a size 4 or 6.

Also available to improve operator comfort and reduce fatigue is the Euroblast SBP4, which is operated from a seated position, but still has all the features and build quality of the equivalent Euroblast 4 upright cabinet. Suction feed only.

A roof slot is fitted as standard on the model 9 and optional on a 10.



4GL



Select



Euroblast 8



Euroblast 10



SBP4



Euroblast 9



2 Metre

# It doesn't end with a cabinet

## Dust collectors, pressure pots and cyclones



C41

This well proven range of Guyson dust collectors has been designed and developed to match the operational and environmental requirements of each Euroblast® system. Cabinet size, air input through the blast gun, the application and whether the cabinet usage is intermittent, regular or continuous are all factors in choosing the correct dust collector.

By using high efficiency cartridge filters the latest generation of dust collectors provide good visibility in the blast chamber and a clean operating environment in the workshop. The extracted airflow drawn by the dust collector is carefully balanced with either the media reclaimator or directly with the cabinet to ensure that a minimum of reusable blast media is removed.



Pressure feed systems, capable of cleaning up to four times faster than suction feed, are recommended for manual treatment of large surface areas, removal of tough coatings and surface deposits, or whenever high productivity must be achieved. Options include the G27 and G55 (litres) pressure pots. The larger capacity pressure vessel with integrated cyclone minimises refill time and increases blast duration. The cyclone separates lighter spent media from heavier reusable media which is recirculated for improved blasting efficiency and visibility inside the cabinet.



C800



G55



G27



C400

# Size is everything

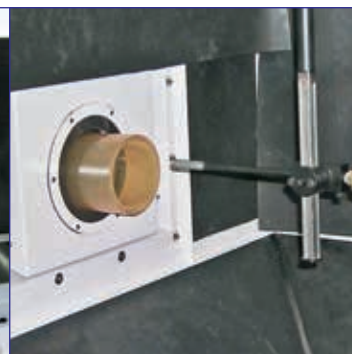
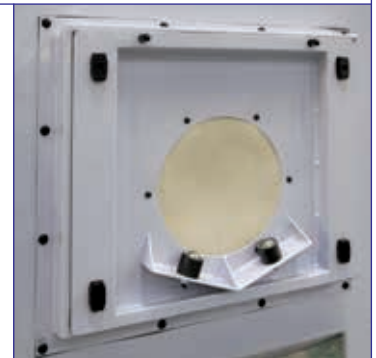
## Cabinet dimensions

### GUYSON STANDARD MANUAL BLAST CABINETS - INTERNAL CHAMBER SIZES

MODEL	INTERNAL BLAST CHAMBER DIMENSIONS W X D X H (MM)	CABINET OVERALL HEIGHT (MM)	SIDE DOOR APERTURE W X H (MM)	FRONT/TOP DOOR APERTURE W X H (MM)	MAX FLOOR LOADING (KG)	FIXED POSITION TURNTABLE DIAMETER (MM)	MAX LOAD (KG)	SIDE LOADING TURNTABLE OPTION AVAILABLE
2	660 x 480 x 500	1600	420 x 285/455	-	50	-	-	No
SBP4	815 x 610 x 500	1375	510 x 230/440	-	15	-	-	No
4	800 x 540 x 715	1655	-	720 x 410	150	400	150	No
6	1050 x 740 x 880	1825	545 x 530	980 x 870	150	600	150	Yes
7	1480 x 900 x 880	1825	700 x 535	1450 x 890	150	750	150	Yes
8	1050 x 1050 x 880	1825	800 x 540	980 x 870	150	750	150	Yes
9	1200 x 1200 x 1325	2265	-	1140 x 1290	150	900	250	Yes
10	1480 x 1480 x 1145	2125	1410 x 1100	-	150	900	250	Yes

#### Cabinet Options (check availability)

- Armhole gauntlets or sleeves • Rubber lining (PF standard) • Cyclone separator • Side loading roller support for cylinders and tubes
- Tungsten or boron carbide lined nozzles • Polyurethane coated turntable • Flush floor turntable • Tumble basket
- Sealed lower sieve floor • Sealed armhole • Larger armholes • Pencil blaster



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FM 38758  
ISO 9001:2008

# 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 are a range of aqueous spray wash equipment including conveyerised tunnel washers, rotary basket washers, rotary drum washer for small parts, a PCB stencil cleaner 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.

