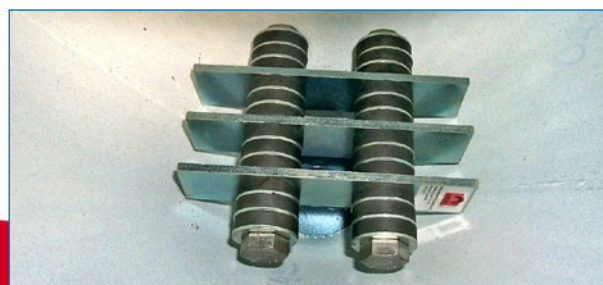


CYCLONE SEPARATOR



TECHNICAL DATA	Standard Cabinet Mounted 75/16 Cyclone
Overall Height (excluding outlet)	925 mm
Body Length	300 mm
Body Size	400 mm Diameter
Vortex Length	Adjustable between 200 mm x 400 mm
Vortex Diameter	150 mm
Basket Perforation Size	5 mm Diameter
Inlet Size (from cabinet hopper)	100 mm Diameter
Outlet Size (to dust collector)	150 mm Diameter
Extraction Rate (variable)	3.15m ³ /m (100-500 cfm)
Pressure Drop	250 -300 Pa (25-30 Wg)
	Free Standing 75/16 Cyclone Version
Overall Height (including optional motor)	2095 mm
Base Frame Width	880 mm
Base Frame Depth	700 mm
TECHNICAL DATA	Optional Motorised Impeller
Impeller	305 mm Diameter in cast aluminium with 8 radial blades
Extraction Motor	0.55 kW 3000 rpm Single or three phase motor



INCREASE PRODUCTIVITY AND SYSTEM PERFORMANCE WITH A 75/16 CYCLONE SEPARATOR

- More effective and economic use of blast media
- Improved process and environmental control
- Higher consistency of part finish
- Improved cabinet visibility
- Essential for many of the more critical operations including peening
- Adaptable for most types of blast media
- Ideal for plastic media blasting (PMB)
- For use with abrasive as well as non-abrasive media
- A cyclone can be specified for use with all Euroblast SF blast cabinets with appropriate dust collector models
- A free standing model can be retrofitted to existing Guyson installations

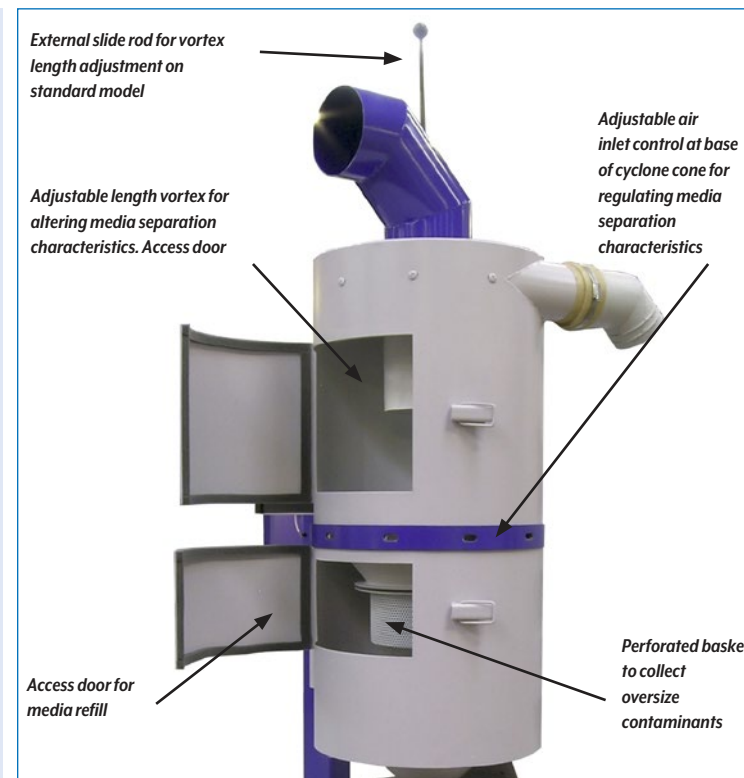
A cyclone separates the lighter spent media and dust from the heavier re-usable media which is recirculated. The lighter spent particles are carried over to the dust collector.

Left: Magnetic separator



Right: Vortex lowered

Extreme Right: Vortex raised



Cyclone Separator

CYCLONE SEPARATOR



CYCLONE SEPARATOR

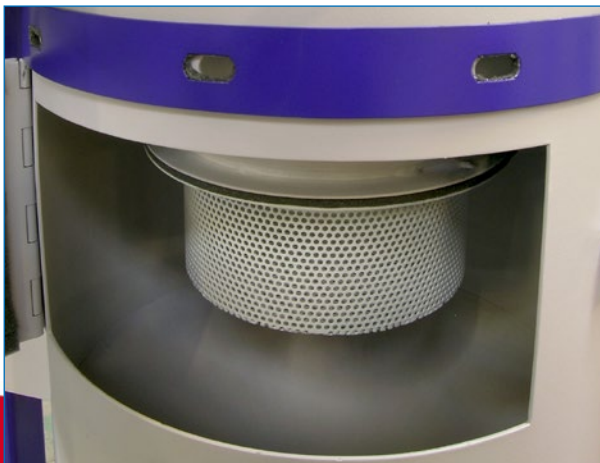
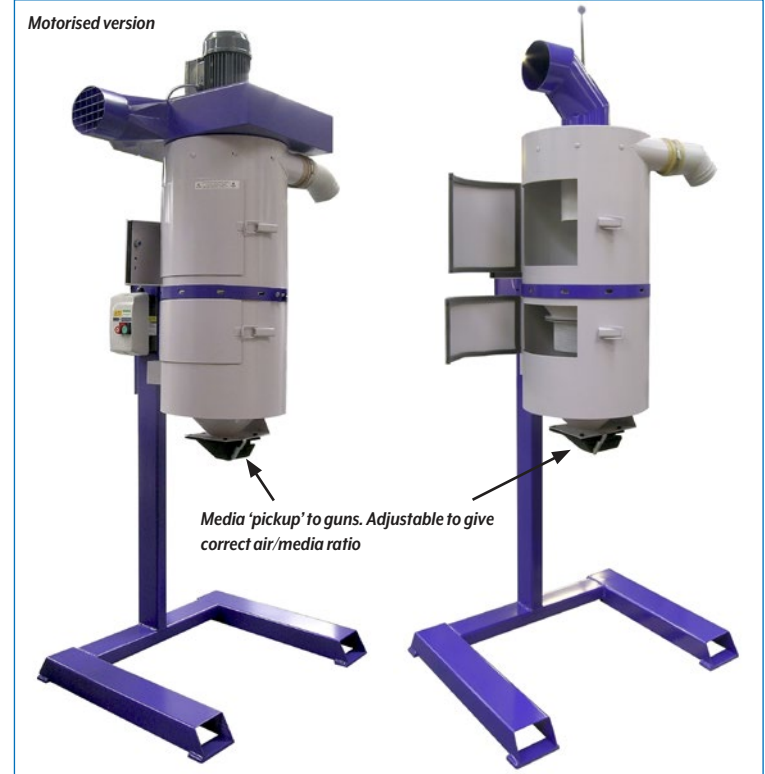
MAIN OPTIONAL FEATURES

- A motorised extraction impeller for heavier metallic media
- Polyurethane body lining for improved wear resistance
- Magnetic separation to prevent ferrous contamination
- A free standing cyclone unit

ADJUSTABLE SYSTEM

- Separation performance will vary according to differing airflow circulation conditions within the total Euroblast® system and also according to the density, shape and size characteristics of the media in use and surface debris
- The total blast system specified incorporating the 75/16 cyclone can be set and adjusted for many of these variables and for the changing conditions during operation
- The 75/16 can be used with up to 2 x model 900 guns
- For more critical applications or to ensure the best possible results with your application, we recommend consultation and/or pre-testing

Motorised version



Top right: Freestanding 75/16 cyclones

Top Left: Freestanding 75/16 cyclone with motor

Bottom Left: Perforated basket to collect oversize contaminants

Right: Machine mounted motorised 75/16 cyclone, pressure pot and dust collector

Extreme Right: Freestanding motorised 75/16 cyclone, pressure pot and dust collector



Modifications and improvements to Guyson machines are introduced from time to time as a direct result of our policy of continuous development. Consequently all designs and specifications quoted must be regarded as subject to change. Please refer to quotation.
Ref: Cyclone Separator