

EcoAir - blasting cabinets



Technical excellence for surface preparation

Wheelabrator is renowned for being the leading supplier to the surface preparation industry for many years.

With the EcoAir product range Wheelabrator offers a choice of suction and pressure fed cabinets for production specific applications

Designed and built to the exacting standards of all Wheelabrator products, these machines offer the highest quality to meet everyday needs. The advanced features of these machines ensure efficient operation and maximum operator

comfort. They are robustly built and specifically designed in a compact form to aid space saving in enclosed environments.

The integral dust collector fitted with auto pulsing* not only prolongs the filter cartridge cleanliness but ensures the safety of the operator.

These compact machines are suited perfectly to low volume production lines and single part processing. For larger, high volume processing we recommend our Ventus range of suction and pressure fed machines from Wheelabrator.

The EcoAir product range also comes with a comprehensive offer of services and technical support through Wheelabrator Plus. Ensuring the on-going satisfaction and operation of the machine.

Main features:

- Large viewing window for optimum visibility during the blasting process
- A cyclone separator* ensures a constant abrasive mixture
- Securely mounted dust bins underneath the dust collector to avoid dust escaping uncontrolled
- Machine is in accordance with the current CE safety regulations

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Technical specifications

Advantages at a glance:

- An effective pressure and suction fed blast cabinet for quick, efficient operation
- Solid steel construction with ergonomically designed side door for easy loading
- Large vision window with wear resistant foils for continually good visibility
- Pressure reducer with manometer for easy pressure setting during blasting
- Integral fine dust filter unit with rigid filter elements frame
- Rigid blast cabinet incorporating hard wearing powder coated finish, built in accordance with latest technical standards
- Quick set up time - Assemble, connect to mains supply, start up

Abrasive media recommendations:

Aluminium Oxide:	11 to 40 mesh
Glass bead:	100 to 800 μ
Grit:	G05 to G17
Shot:	S070 to S170

Typical applications:

- Derusting and Descaling
- Paint stripping
- Etching
- Preparation for painting
- Preparation for gluing and metal coating
- Shot peening
- Cleaning

Pressure or suction fed blasting?

For most purposes suction fed blasting is the most appropriate solution. However, when a higher surface coverage and an aggressive surface treatment are needed, Wheelabrator recommend a pressure fed solution.

Please note that pressure fed blasting consumes higher volumes of compressed air.

Additional features:

- Turntable with a perforated worktable installed
- Mobile turntable with loading rails and hopper
- Pass through shafts
- Protective covering for the rear wall of the cabinet



Type of machine		Eco Air 100	Eco Air 900	Eco Air 1300
Working area (W x D x H)	mm	1000 x 650 x 780	905 x 835 x 875	1270 x 1000 x 1030
Overall dimensions	mm	1010 x 1100 x 2000	1050 x 1638 x 2008	1420 x 1855 x 2090
Door opening (W x H)	mm	550 x 650	830/610 x 865/485	930/ 690 x 975/500
Cabin weight	kg	197	300	470
Suction		yes (0.42m ³ /min)	yes (0.75m ³ /min)	yes (0.75m ³ /min)
Pressure			yes (1.7m ³ /min)	yes (3.0m ³ /min)

* Not available on the EcoAir 100