

# FerroECOBlast® BLAST Softline Cabinets

## B 1 SL-K1

**Clean**  
**Peen**  
**Deburr**  
**Derust**  
**Descale**  
**Finish**



### Common applications:

- ◆ Remove rust, mill scale, heat treatment scale, and carbon buildup from metals
- ◆ Strip paint, powder coating, plating, and anodizing from parts for rework
- ◆ Eliminate burrs, parting lines, flashes, and other defects from castings and injection-molded parts
- ◆ Remove residual sand from castings
- ◆ Beautify steel, stainless steel, aluminum, brass and other metals with a uniform satin finish
- ◆ Etch artwork and apply lettering on glass, stone, plastics, metal and other materials
- ◆ Clean release agents and material buildup from molds

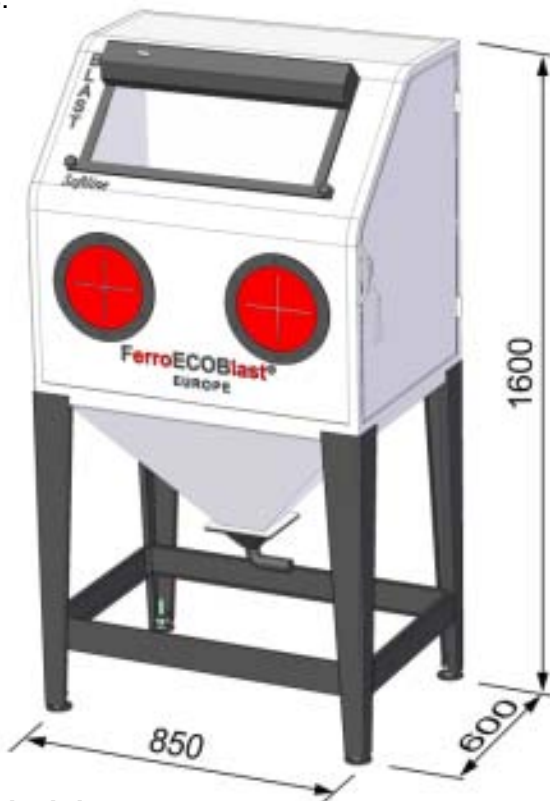
### BLAST 1 SL-K1 cabinet's standard equipment:

- ◆ Right side door for easy loading
- ◆ Two layers of rubber sealing flaps for hand access
- ◆ Tilt-out window, for tool-free glass change in minutes, equipped with fluorescent light for best visibility
- ◆ Steel grating in the working area (300 kg capacity)
- ◆ 50 mm or 120 mm diameter suction connection
- ◆ Blast gun, type INJ 1 K
- ◆ 6 mm wolfram-carbide nozzle
- ◆ Foot pedal operated blasting
- ◆ Safety switch interrupts blasting if door is opened
- ◆ Air pressure regulator with filter

### INJ 1 K blast gun



Actual space requirement for a complete system depends on the equipment configuration, options and requested work flow. Care also about additional work space for the operator and for maintenance access.



#### Technical data

Outside dimensions	850 x 600 x 1600 mm
Working area	800 x 550 x 750 mm
Cabinet weight, empty	100 kg
Max. work piece weight	250 kg
Working air pressure	3 – 6 bar
Air consumption at 4 bar*	0,2 - 0,8 m <sup>3</sup> /min
Blast nozzle diameter	6 (8, 10) mm
Electric connection:	230 V, 50 Hz

\*depending on the blast nozzle diameter

#### Dust collectors

For only occasional injector blasting, a standard vacuum cleaner or our bag filter unit **VF 70** is suitable for dedusting of the cabinet.

For frequent or continuous work we recommend our recycling filter units **CENTRO** which suck abrasive and dust from the cabinet, separate it in a cyclone and return clean abrasive for a new cycle into a silo, whereas the dust is collected in the filter cartridges. With the integrated pulse-jet system the cartridges are automatically cleaned.



#### Optional equipment

- ◆ dosage valve type INJ
- ◆ boron carbide nozzles 5, 6, 7, 8, 10 mm
- ◆ blow-off (blowing) gun
- ◆ blast gun holder
- ◆ Inside rubber lining
- ◆ rubber/plastic blast gloves
- ◆ metal ring for glove attachment
- ◆ manual turntable VM 500/50-300
- ◆ 120 mm suction connection with PU lining

#### Recommended equipment and accessories

- ◆ blast machines: injector system, pressure system
- ◆ abrasive media
- ◆ blast nozzles
- ◆ dust collectors VF 70 or CENTRO
- ◆ separation systems

#### Pressure blasting

*For tough cleaning jobs, pressure blasting delivers higher abrasive velocity for greater impact intensity, compared to injector blasting, and can increase your production rate by as much as 300 percent.*

#### Wolfram carbide blast nozzle

The standard 6 mm wolfram carbide nozzle is suitable for most blasting applications, while the optional boron carbide nozzles stand up to hundreds of blasting hours even with aluminium oxide or other aggressive abrasives. Depending on the type of the installed blast gun, nozzles are available up to 12 mm bore.