

BOY Blast Cabinets

Clean
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
- ◆ **Engrave** artwork and apply lettering on glass, stone, plastics, metal and other materials
- ◆ **Clean** release agents and material buildup from molds

BOY Blast Cabinet's standard equipment:

- ◆ Left and right side doors for easy loading
- ◆ Two layers of rubber sealing flaps for hand access
- ◆ Tilt-in window for tool-free glass change in minutes equipped with LED lighting system for exceptional visibility
- ◆ Steel grating in the working area (200 kg capacity)
- ◆ Blast gun type ANI, INJ 1 K, or POWER
- ◆ 6 mm wolfram-carbide nozzle
- ◆ Dosage valve type INJ
- ◆ Foot pedal operated blasting (models K1 and POWER)
- ◆ Safety switch interrupts blasting if doors are opened (models K1 and POWER)
- ◆ Air pressure regulator with filter (models K1 and POWER)

Blast gun type options

- 1 INJ 1 K blast gun
- 2 ANI blast gun
- 3 POWER gun



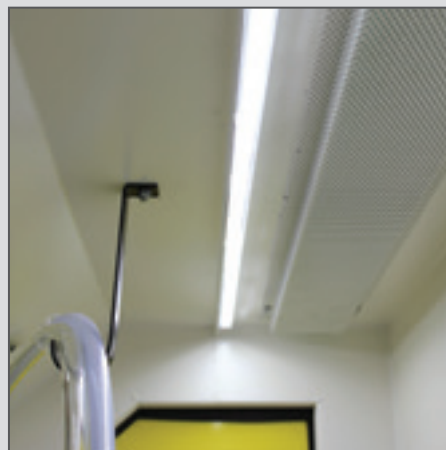


TECHNICAL DATA	BOY 70 + VF-70	BOY 100 + VF-70
Outside dimensions (LxDxH)	800x1020x1700 mm	1100x1120x1700 mm
Working area (LxDxH)	690x690x750 mm	990x790x750 mm
Cabinet weight, empty	151 kg	180 kg
Max. Work piece weight	200 kg	
Working air pressure	3 – 6 bar	
Air consumption at 4 bar*	0,3 – 0,8 m ³ /min	
Blast nozzle diameter	6 (8, 10) mm	
Electric connection	230 V, 50 HZ	

*depending on the blast nozzle diameter



BOY cabinet **equipped with VF-70 filter unit**, suitable for dedusting of the cabinet.



LED lighting system

Optional equipment

- ◆ 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
- ◆ leveling feet

Recommended equipment and accessories

- ◆ blast cabinet with injector or pressure system
- ◆ abrasive media
- ◆ dust collector VF-70 or recycling unit (CENTRO)

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.