

Blast Cabinet MS 120 D



Machine type

Manually operated pressure-fed air blasting cabinet

Application

Rust removal, descaling, paint stripping, weld and mould cleaning, roughening and etching

Assemblies

- *Cabinet shell*
with gauntlet apertures, viewing window and side door, for handling/treatment of workpieces
- *Pressure vessel*
with blast nozzle and blast hose, operation by foot switch
- *Reclaimer*
with air cyclone and storage hopper, for separation of dust and reusable blast media
- *Dust collector*
with fan and dust bin, for generation and dust-cleaning of recovery air flow
- *Maintenance unit*
for control of blasting pressure

Technical Data

Blasting method	pressure-fed
Blast nozzle (boron carbide)	Ø 6.4 mm
Blast cycle duration (max.)	8 min
Air consumption (at 6.3 bar)	1.7 m ³ /min
Energy consumption	2.2 kW (16 A)
Coating	RAL 9002, 5015
Overall dimensions (W/D/H)	1230/1260/2000 mm
Internal dimensions (W/D/H)	1200/1155/930 mm
Powerpack (W/D/H)	1100/1400/2510 mm
Blast media grit size	recommended:
- metallic	0.2 – 1.3 mm
- non-metallic	0.1 – 1.2 mm
Blast media throughput	at 6 bar:
- metallic	up to 12 kg/min
- non-metallic	up to 6 kg/min
Blast media storage capacity	
- metallic	100 kg
- non-metallic	50 kg
Filter area	21 m ²
Dust separation efficiency	> 99.9 %
Empty weight	1100 kg

Options

Removable turntable	Ø 400 mm, 50 kg
Integrated turntable	Ø 920 mm, 50 kg
Integrated turntable	Ø 920 mm, 250 kg
Retractable turntable	Ø 920 mm, 50 kg
Retractable turntable	Ø 920 mm, 250 kg
Retractable loading table	930 x 920 mm, 250 kg
Wear protection for cabinet	rubber curtains
Wear protection for windows	mesh wire
Aperture in side door	250 x 250 mm
High performance separator	3.6 m ³ /min (R ¾")

Remarks

Both the compressed air and the surface to be blasted must be dry and clean, i.e. free from water, oil and grease.