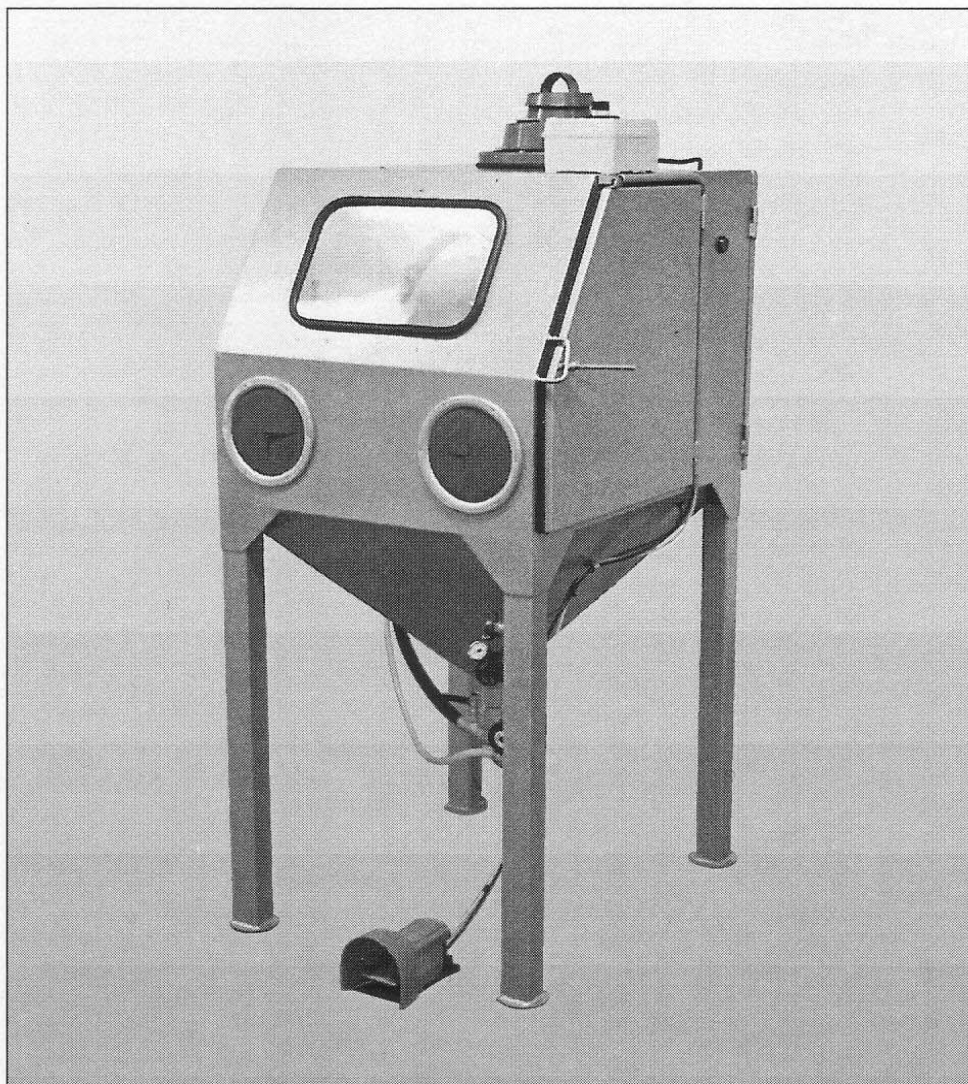


# **D 080**

# **LOW PRESSURE**

# **SAND BLASTING CABIN**

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## TECHNICAL CHARACTERISTICS AND DIMENSIONS

### D 080 SAND BLASTING CABIN

#### **External dimensions :**

Width : 770 mm  
(1310 mm with door open)  
Depth : 910 mm  
Height : 1750 mm

#### **Internal dimensions (useful volume) :**

Width : 650 mm  
Depth : 565 mm  
Height : 620 mm

**Weight :** 75 kg

**Compressed air connection :** 3/4" gas

#### **Sand blasting gun :**

- Operation by reduced pressure principle
- Tungsten carbide sanding nozzle,  $\varnothing$  6 or 8 mm
- Treated steel air nozzle  $\varnothing$  2 or 3 mm
- Air flow rate 13 m<sup>3</sup>/h ( $\varnothing$  2) to 30 m<sup>3</sup>/h ( $\varnothing$  3) at 7 bar

#### **Work support grille :**

Single section, maximum load 100 kg.

#### **Sand gun holder :**

Adjustable, fitted on left hand side.

#### **Sand blasting switch :**

Pneumatic foot pedal.

#### **Cabin door :**

Single-piece door, unhingeable, fitted on right hand side of cabin and allowing passage 590×500 mm.

#### **Window :**

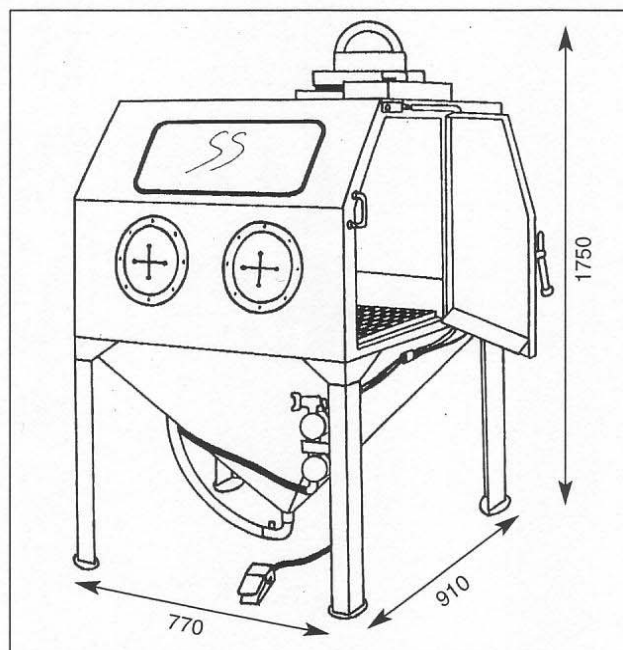
No blind spot. Window comprising 1 polycarbonate sheet, thickness 4 mm, fitted in a sealed profile, and 1 polycarbonate wear sheet, thickness 1 mm, supported in a tiltable frame and easy to replace.

#### **Lighting :**

1 18 W 220 V fluorescent light block, unbreakable metacrylate casing, dust-free ceiling fitting.

#### **Electrical cabinet :**

Sealed box on top of cabin, fitted with : 1 light switch, protection (for suction unit and lighting) against overloading and short circuits, 30 mA differential protection.



#### **Safety switch :**

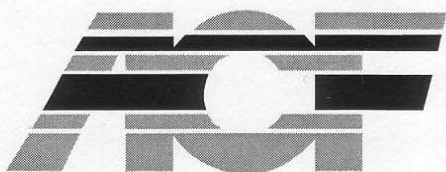
Pneumatic sensor on door, immediately stops sand blasting when cabin opened.

#### **Pressure control valve :**

Fitted in a sheltered location on the right hand leg of the cabin, adjustable from 0 to 10 bar.

#### **Dust removal :**

- 1000 W industrial suction unit integrated in cabin.
- Dust removal by large filter cartridge.
- Unclogging using pneumatic shocks within filter cartridge (reverse flow) controlled by push button.
- Dust drain flap under cabin, sealed flap at rear for access to dust removal chamber. The filtration/unclogging assembly is separated from the sand blasting chamber by a chicane partition.
- The suction unit / cartridge assembly can be removed easily for maintenance or to replace the cartridge.



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