

# BPSP 50 DUSTLESS SANDBLASTING

- For dust free stripping and engraving works without abrasive rebounds



SANDBLASTING  
SHOTBLASTING

- Once the media strikes the surface, it is immediately sucked in and recovered into the cyclonic chamber
- No helmet is needed, a visor is enough
- 3 or 4 mm nozzles can be used taking into account the suction power
- Endless application possibilities: **work on metal, aluminium, stainless steel, copper, stone, marble, granite, bronze...**
- Weld seams, decoration work, stone or wood engraving, mould cleaning, interior sandblasting...

## BPSP50

Weight	110 kg
Width	420 mm
Height	1 170 mm
Length	1 100 mm

### BLASTING MACHINE

Capacity	24 litres
Working pressure	from 1 to 7 bar
Air consumption	40 m <sup>3</sup> /h - 68 CFM
Hose length	5 m
Hose diameter	20 × 33
Nozzle diameter	Tungsten cylindrical 3 mm nozzle

### VACUUM SYSTEM

Engine power	1000 W
Power	Electric - single-phase
Hose length	5 m

# OPERATION PRINCIPLE

Load the sandblaster and supply it with compressed air. Plug and turn on the electrical suction unit. Insert the blast lance into the brush holder attached to the end of the suction hose. Apply the brush against the surface. Once the projected abrasive touches the surface, it is immediately sucked in and recovered for recycling purposes into the tank chamber located above the sandblaster.

Using the remote control (pre-mounted at the end of the blasting hose), the operator can stop and start the blasting operation anytime from his workstation.

Ø 3 mm (or 4 mm under 4 bar) nozzles can be used considering the suction power of the vacuum cleaner. Abrasive materials depend on the surface to be cleaned. Recycling is possible depending on the support and the kind of media. Boron carbide nozzles are recommended for corundum.



## WITH RECYCLABLE ABRASIVES

The abrasive pressurised in the sandblaster ① is inducted by the sand hose ②.

Following impact, the abrasive is recovered by the brush holder ③ and sucked back in. The abrasive is separated from the dust ④ and falls into the sandblaster's tank to be recycled. Dust is fed into a recovery tank ⑤.

A filter ⑥ protects the suction unit motor ⑦. This filter must be cleaned by hand.

## WITH UNRECOVERED ABRASIVES

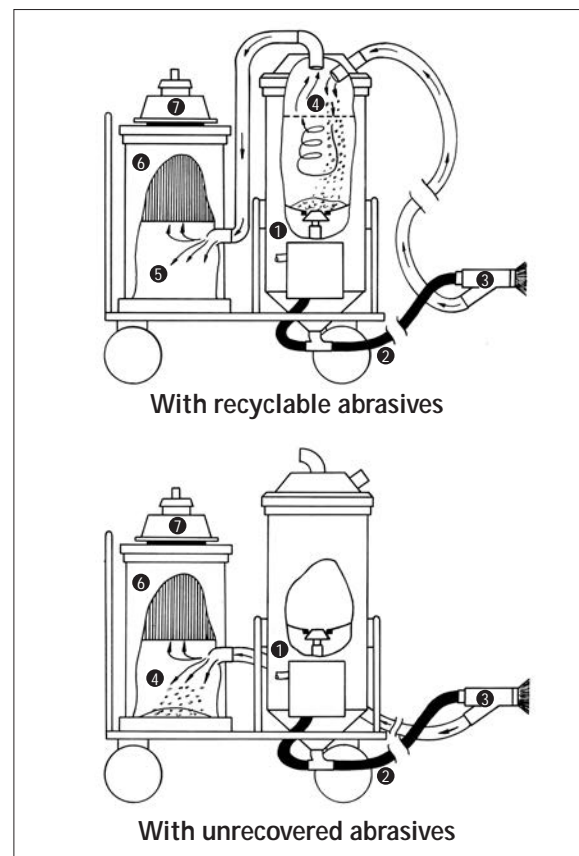
The abrasive pressurised in the sandblaster ① is inducted by the sand hose ②.

Following impact, the abrasive is sucked up by the brush holder and recovered into the tank.

A filter ⑤ protects the vacuum cleaner motor ⑥. This filter must be cleaned by hand.

**Endless application possibilities:** metal, aluminium, stainless steel, copper, stone, marble, granite, bronze.

The B.P.S.P. 50 can also be used without its recovery system as a free jet sandblaster/shotblaster. Operators must wear protective equipment (hoods, filtration, etc.)



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