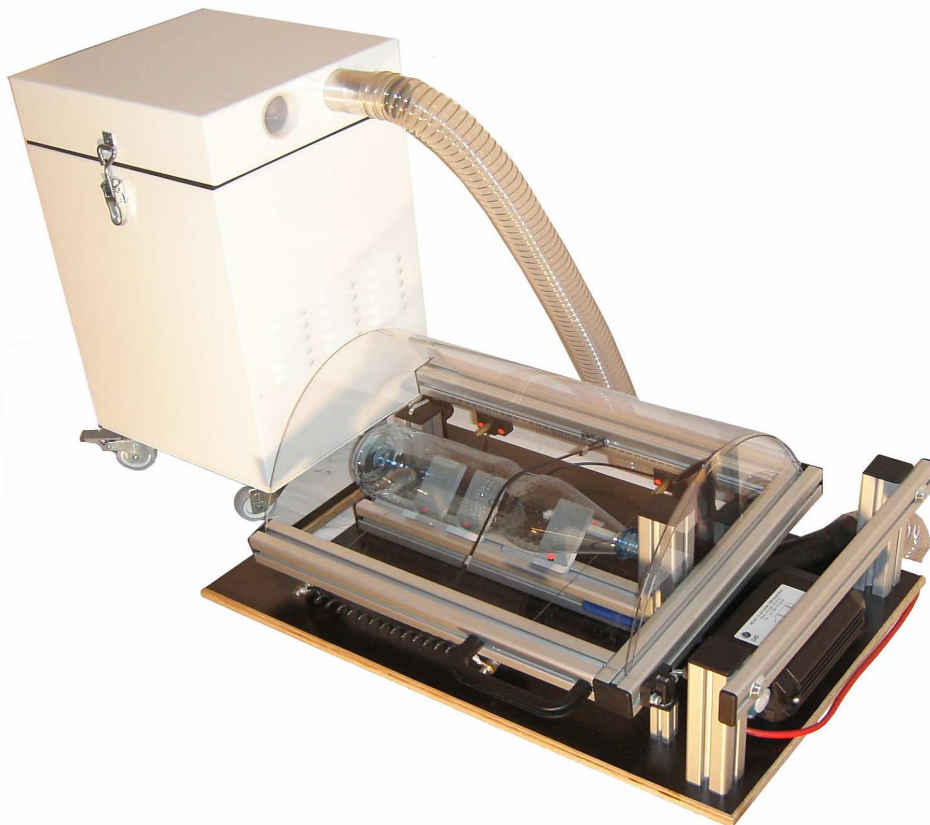


HOT WIRE PET BOTTLE CUTTER & MOBILE FILTRATION

BDS AIR PUR – 2GM9000





Qualification

This device is to be operated by authorized and trained persons having knowledge of the handling instructions.

Basic safety rules & responsibilities

a) System operation

Designed for the herein specified application. Any damage resulting from misuses is not the producer's liability.

b) Professional installation of working area

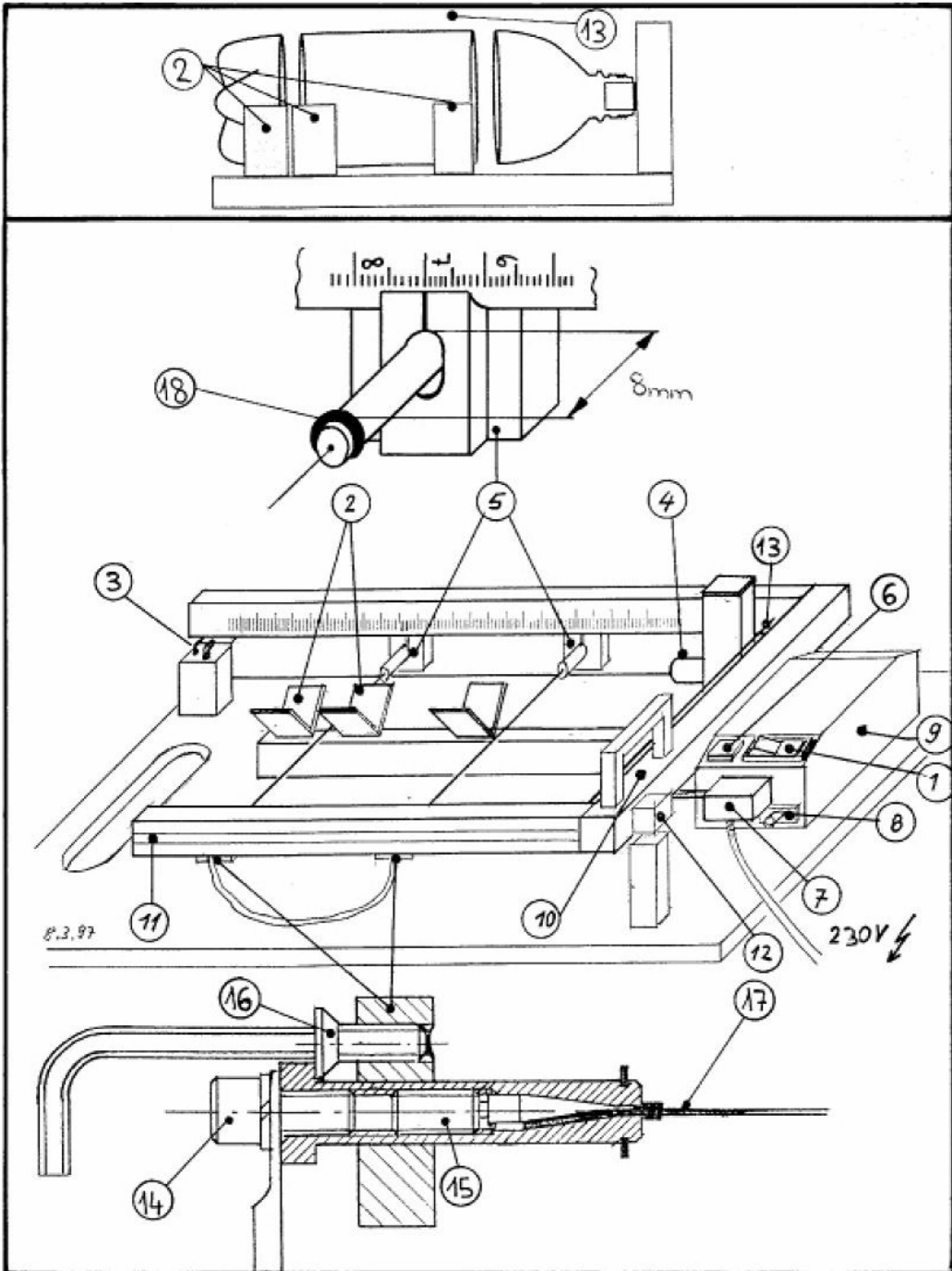
Tool has to be placed where it can not be damaged by mechanical interference.

Water can damage BDS AIR PUR.

Power supply 230V AC (L, N).

Pictogram synopsis

1. Main switch
2. Slide Prisms
3. Allen keys (3mm/5mm)
4. Centre cylinder
5. Wire supports
6. Lamp
7. Limit switch
8. Current switch
9. Transformer (230V/12V)
10. Cutting frame
11. Cover
12. Magnet latch
13. Down holder strap
14. Connection screw
15. Wire clamping screw
16. Tightening screw
17. Wire
18. Retention disc



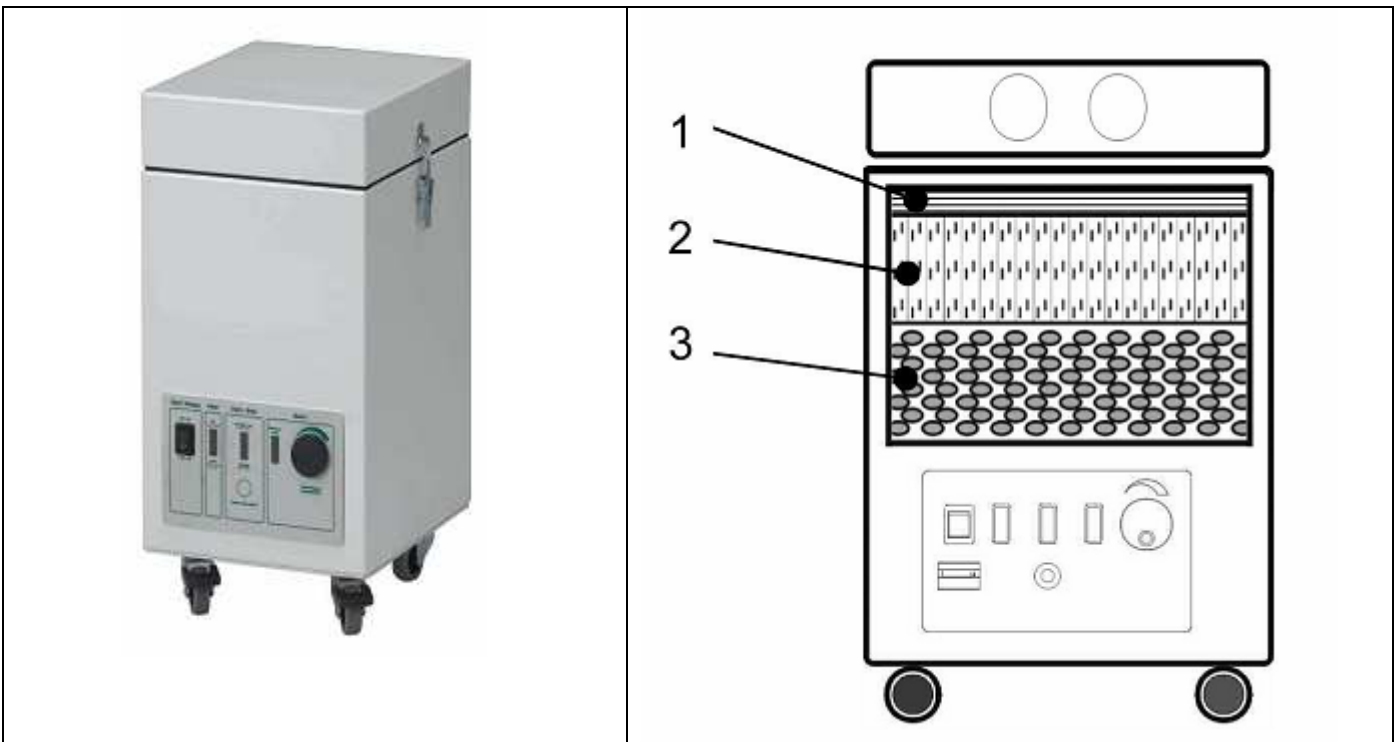
2/ MOBILE FILTRATION

Mobile filtration tool for hot wire PET bottle cutter correspond to customer's request concerning air filtration about harmful gas.

Ps : You can also use with sticky and humi dusts, soldering fumes, solvent and adhesive vapours.

Operating principle

The contaminated air is captured by the collection device (cowl, pipe) and is then directed into the filter by means of a flexible suction pipe. The polluting particulates and gas are then filtered out by a coarse filtration mat (1) and a combination filter, consisting of an H13 particle filter (2) and a molecular sieve (activated carbon filter) (3). The purified air is then returned to the workroom.



Advantages

Total dissolution of harmful gas for health
Easy fixing on bottle PET cutter
Low noise level
Easy change filter
Compact equipment

Technical data

Free blowing air volume flow	220m ³ /h
Actual air volume flow	30-150 m ³ /h
Max. stat. Pressure	13 000 Pa
Voltage / Frequency	230V / 50-60 Hz
Motor power	1,2 kW
Protection class	1
Operating mechanism	S= Turbine / SD = Continuous running
Sound level	approx. 50 dB (A)
Weight	approx. 27 kg
Dimensions (H x L x P)	560x290x290 mm

Filter configuration

Coarse filtration mat (1)	F5
Particle filter (2)	H13
Activated carbon filter (3)	7I / 3,5 kg

