# A.T. Sack Fillers

Excessive dust in the workplace can be highly dangerous on a number of levels. Firstly, although it's rare, a cloud of concentrated dust is potentially combustible and can, therefore cause explosions so it's important that companies keep their working environments as relatively dust free as they can to avoid such catastrophes. However, the most common problem associated with dust in the workplace arises from dust related illnesses which have been found to be one of the major killers in the UK and across the world when it comes to occupational health..... The solution is the MS range of dust fume extraction.


## Simple, Efficient Dust and Fume Removal Systems for Industry

## Industrial Quality
## MS 100 Dust/Fume Extraction

### Main features

- ✓ Perfect for use in workshop environments.
- ✓ Easy to operate.
- ✓ Several inlet positions and sizes are available.
- ✓ 3HP (2.2kw) 2 pole TEFV motor, driving a highly efficient B.I.B centrifugal fan.
- ✓ Quick to install.
- ✓ Filter area of 100ft$^2$ (9.4m$^2$).
- ✓ Quick release cam operated bin release mechanism.

### How it works

Dust laden air is drawn in through the extractor hood which is connected to the unit by ductwork. On entering the unit the air given a sudden change of direction and velocity which clears the air of heavier particles, which end up in the dust tray. The finer particles get caught in the filter bag. The clean air then passes through the fan and out of the discharge. The filters are cleaned using the shaker handle with the fan stopped.

## Specifications for MS 100

### Base unit

- Perfect for use in a school or workshop environment.
- Dimensions are: Width 795mm x Height 1935mm x Depth 920mm, (a clearance of 600mm is required to empty the dust tray).
- Quick release cam operated bin release mechanism.
- Quick release inspection door.
- Inlet box fitted with 1 x 6" DIA inlet as standard, other diameters and several positions are available (see diagrams overleaf).
- Base frame is available with swivel or lockable castors or bolt down feet.
- Shaker handle is fitted on RHS or LHS if requested.
- Explosion relief and blast barrier can be fitted.
- The bin can hold up to 30 litres of dust.
- The unit weighs 143kg.

## Motor

- 3 HP (2.2kw) which can be either 230v or 400v (3 phase FLA 4.6 Amps or 1 phase FLA 12.7 Amps).
- Operating noise level of 78-83 dBA at 3m.

## Filter

- Terylene needle felt (TNF) filter.
- For lengthy life use the shaker handle regularly to dislodge dust particles.
- Filter area of 100ft$^2$ (9.4m$^2$).

## Extra details

- Finishes can be any RAL colour paint.
- Thermal overload no volt release (TONVR) starter wired and fitted as an optional extra.
- Choice of rigid or flexible ductwork.

## MS 100 order form

This form has been designed for you to see and prompt you into thinking about all the different options that are available to you. Please circle around the options that you want.

**Number of units:** _____

**Other items required:** _____

_____

| | | |
|---|---|---|
| **Shaker handle** | RHS as standard | LHS optional |
| **Blast barrier** (shown by dotted rectangle below) | Yes | No |
| **HEPA filter** (optional extra) | Yes | No |
| **Inlet box size** | Standard | Other _____ mm |
| **Inlet box position** (see diagram below) | A standard B C D E | F G H I J K |
| **Voltage** | 230v | 400v |
| **Feet** | Swivel or lockable castors | Bolt down feet |
| **Finish on base unit** | Any RAL colour _____ | Paint |

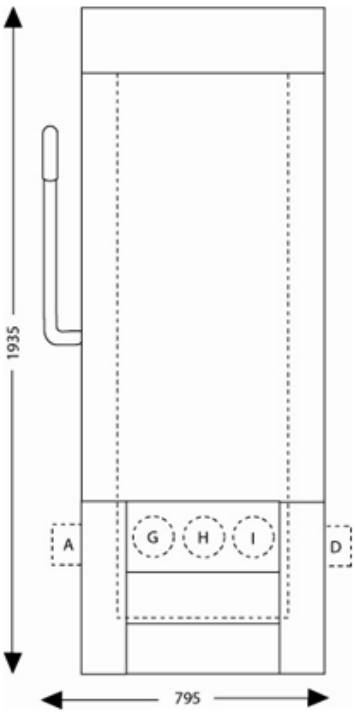
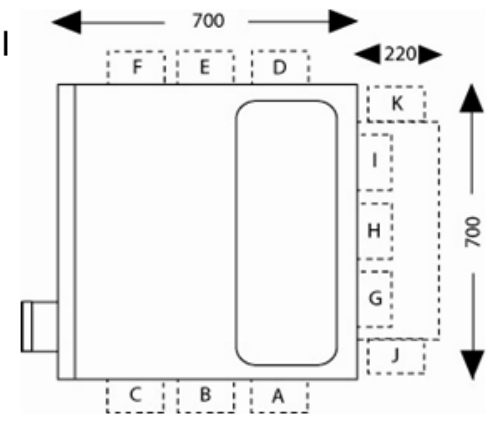



Diagram of the reverse of the unit with the possible inlet positions. The dotted rectangle shows where the blast barrier is located. If you choose to have the blast barrier you cannot use G, H or I, but K and J become available.





**A.T. Sack Fillers Ltd**

Tel. **01487 711114** E-mail. **info@atsackfillers.co.uk** Web. **www.atsackfillers.co.uk**

12 Biggin Lane - Ramsey - Cambridgeshire - PE26 1NB - United Kingdom