

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 50 Dust/Fume Extraction

Main features

- ✓ Perfect for use in workshop environments.
- ✓ 2HP (1.5kw) 2 pole TEFV motor, driving a highly efficient B.I.B centrifugal fan.
- ✓ Several inlet sizes and positions available.
- ✓ Filter area of 50ft² (4.5m²).
- ✓ Thermal overload can be fitted and wired in as optional extra.
- ✓ 40 litre dust storage bin.
- ✓ Optional HEPA filter version available.

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 50

Base unit

- Perfect for use in a school or workshop environment.
- Dimensions are: Width 695mm x Height 1185mm x Depth 760mm, (a clearance of 600mm is required to empty the dust tray).
- Inlet box fitted with 1 x 5" DIA inlet as standard, other diameters and several positions are available (see diagram 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 40 litres of dust.
- The unit weighs 120kg.

Motor

- 2 HP (1.5kw) which can be either 230v or 415v (3 phase FLA 3.2 Amps or 1 phase FLA 9.6 Amps).
- Operating noise level of 76-81 dBA at 3m.

Filter

- Terylene needle felt (TNF) filter.
- For lengthy life use the shaker handle regularly to dislodge dust particles.
- Filter area of 50ft² (4.5m²).
- Optional HEPA filter version available.

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 50 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
Voltage	230v	415v
Feet	Swivel	lockable castors Bolt down feet
Finish on base unit	Any RAL colour _____	Paint

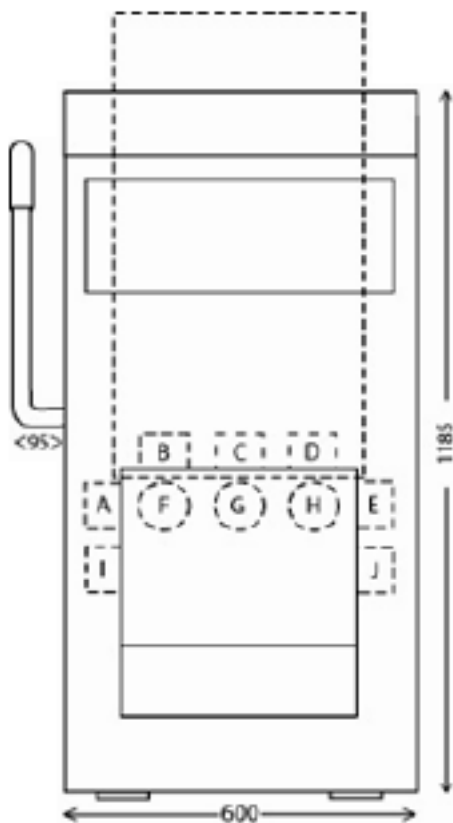


Diagram of the reverse of the unit with the possible inlet positions. The dotted rectangle shows where the blast barrier is located. If you choose to have the blast barrier you cannot use B, C or D.

