



WELD X BENCH
FRESH AIR BY DESIGN



flextraction

ABOUT FLEXTRACTION

DUST AND FUME EXTRACTION SPECIALISTS

Flextraction Ltd has been at the forefront of the fume and dust extraction industry since the late 1990's. As a leading independent UK company, we specialize in manufacturing and supplying exhaust ventilation products and strive to offer the best dust and fume extraction solutions for both local and international businesses.

Our range of products encompasses extraction arms and associated items for the capture of dust and fume at the point of emission.

In addition to our own brand range of Hood Positioning Devices (HPDs), we offer a fully engineered walk-in downflow booths which ensure a constant downflow of clean air over the operator's breathing zone.



TURNKEY DESIGN AND INSTALLATION

Flextraction commands the capability and experience to comfortably handle turnkey projects including full installation, commissioning and testing. Via industry-standard software, we offer direct interface with the customer's own CAD plant layout drawings.

THE WELD X BENCH

MOBILE FILTER TABLE

The Weld X Bench Downdraft filtration unit is designed specifically for the welding industry and is capable of being up and running in a matter of minutes. The work bench filter table arrives requiring no assembly; just plug the unit into the power supply and it's ready to go.

Design and manufactured in the UK, the Weld X Bench supports CoSHH and the HSG258 guidance documentation on air recalculation via a downdraft extraction process. Our 3-stage filtration aims to progressively filter harmful particles from the contaminated air stream as air passes through the work bench.





APPLICATIONS

- Manual welding.
- MIG/MAG/TIG welding.
- Gas welding.
- Grinding.

MOBILE DOWNDRAFT EXTRACTION

DESIGNED FOR THE WELDING INDUSTRY

The Weld X Bench is ideal for the extraction of many medium to low volume dust and particle activities within the industrial workplace. Built specifically for the welding industry, the three-filter system has a modular design, ensuring ease of cleaning, whilst also maintaining the durability needed for everyday use.

- Designed and manufactured in the UK.
- The unit and extraction bench top are supplied FULLY assembled.
- Supports CoSHH and the HSG258 Guidance document on local exhaust ventilation .
- Loaded particle filter indicator and alarm.

TECHNICAL SPECIFICATION

Sound Level (@1m) dB(A)	Motor (kW)	Power Supply (Volts)	3 Stage Filter
76	1.5	400V - 3.2A	1. Aluminium Mesh 2. Pre filter 3. H13 filter
Bench Top Size (mm)	Base Dimensions (mm)	Filter Efficiency (%)	Total Unit Weight (Kg)
1000 x 800	702 x 746	99.95	149

THREE STAGE FILTRATION

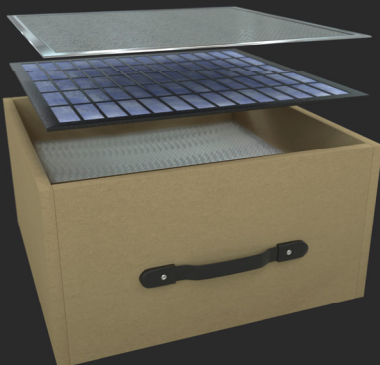
ALUMINIUM MESH / PRE FILTER / HEPA FILTER

The 3-stage filtration process aims to progressively filter harmful particles from the contaminated air stream as the air passes through the Weld X Bench.

The use of an aluminium mesh at stage one reduces the possibility of sparks passing through.

The second stage pre-filter removes the majority of particles before the air finally passes through the third stage which captures 99.95% of the particles prior to exhausting very high level of cleaned air back into the workplace.

The filters are non-cleanable, when they become saturated a warning light and alarm are triggered alerting the user that control of exposure may be inadequate and action should be taken.





MADE IN
BRITAIN



FLEXTRACTION LTD

10 Digby Drive Leicester Road Industrial Estate,
Melton Mowbray, Leicestershire
LE13 0RQ



sales@flextraction.co.uk



www.flextraction.co.uk



+44 (0) 1664 410 641