



WELD X PRO
FRESH AIR BY DESIGN



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 specialise 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 PRO

MOBILE FILTER UNIT

Designed specifically to meet the needs of the Welding Industry, the mobile filter unit comes with a 2.5m swivel mounted extraction arm (Hood Positioning Device - HPD).

The swivel mounting enables a full 360-degree rotation of the extraction arm. Designed for single welder operation the unit is fully mobile and coupled with the 360 rotating arm, allows the Weld X PRO to be easily positioned, giving excellent flexibility in the workplace.





DYNAMIC FOR THE WORKPLACE

EXCELLENT FLEXIBILITY

Once in place the wheels can be locked to ensure safety and stability. Available to suit 3 different supply voltages, the unit is supplied with a 3m flying lead for easy connection.

To ensure that the Weld X Pro provides adequate extraction at all times a warning light and audible alarm are fitted to alert the user to the fact the filters are becoming saturated and require replacement.

DESIGNED AND MANUFACTURED IN THE UK

Flextraction's mobile filtration unit, designed specifically for the welding industry, is capable of being up and running in a matter of minutes. It arrives only requiring the extraction arm to be attached to the unit by means of three fixings; plug into the power supply, position the arm and it is ready to go.

- The unit and extraction arm are supplied FULLY assembled; and there are NO internal components within the arm
- It supports CoSHH and the HSG258 Guidance document on air recirculation
- NO complicated electrics and control elements
- Powder coated, rugged steel housing.

TECHNICAL SPECIFICATION

Sound Level (@1m) dB(A)	Motor (kW)	Power Supply (Volts)	Suction Capacity (m ³ /h)
68	1.1	110V - 14.04A 240V - 7.04A 400V - 1.79A	1100
Arm Diameter (mm)	Filter Efficiency (%) ²	Max Dimensions (mm)	Total Unit Weight (Kg)
160	99.95	702 x 746 x 1060	134

THREE STAGE FILTRATION

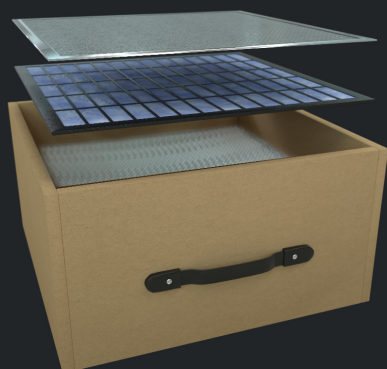
ALUMINIUM MESH / PRE FILTER / HEPA FILTER

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

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.





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