

CIGWELD

AN ESAB BRAND

MIG

TIG

STICK

PLASMA



FUME EXTRACTION SYSTEM with 360° ROTATABLE & EXTENDABLE ARM

**THE RIGHT FUME PROTECTION...
RIGHT WHERE YOU NEED IT!**

AGILE, ACCURATE, POWERFUL

The **BigSucker FX1** is a high-performance Fume eXtraction filtration unit designed to effectively remove airborne pollutants such as welding fumes and dust, meeting F9 filtration class standards. It efficiently captures hazardous CMR (Carcinogenic, Mutagenic, Reprotoxic) substances produced during welding of high-alloyed steels or consumables containing more than 5% Chromium (Cr) and Nickel (Ni).

Featuring a compact and mobile design, the **BigSucker FX1** ensures user-friendly operation, high purification efficiency, and low noise levels.

Widely applicable for all types of fumes generated from ARC Welding, inclusive of Plasma, Carbon Arc Gouging as well as Gas Cutting or Welding.

With an adjustable 3m Arm and robust castors, you can easily maneuver the unit into the right position to get the most precise fume extraction as possible, providing a much cleaner working environment.

EASY TO USE, EASY TO SET

- Simple one button 'Push to Start' with 230V 10A plug
- 360° Rotatable & Extendable 3m Arm
- Automatic Filter Dusting
- Efficiency >99% in capturing welding fumes with F9 filter
- Extra large filter for extended filter life of up to a year
- Quick and easy filter replacement
- Robust castors with lockable front wheels

IDEAL FOR ALL WELDING & CUTTING APPLICATIONS



CIGWELD Data Sheet **BigSucker FX1** PDS V1-2025

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BigSucker FX1 – Compact & Mobile Fume Extraction Unit

The **BigSucker FX1** is a cost-effective, compact, and mobile 230V (10A) single-arm fume extraction unit. Constructed from high-quality sheet metal, it features four heavy-duty lockable wheels for easy maneuverability.

Engineered for welding and grinding applications, the **BigSucker FX1** effectively captures and purifies airborne fumes and dust. Its 360-degree rotatable suction arm allows for precise positioning, easily adjusted and maneuvered using the handle on the hood. Equipped with EN 779:2012 certified filters, the **BigSucker FX1** achieves a **99.8%** efficiency rate in removing nano particles, ensuring compliance with indoor emission standards for a cleaner and safer work environment.

Auto Filter Dusting

Getting the most out of your BigSucker's filtration is easy! Fitted with an automatic "dusting" system, you can simply fit a compressed air line to regularly dust the active filter surface, forcing build-up of debris to settle into the dust tray for removal. This prolongs the service life of your filter as well as reduces the frequency of filter inspection and manual cleaning. (See operating manual for further maintenance procedures).

WARRANTY PERIOD

We stand behind the quality of our products, which is why the BigSucker FX1 comes with 1-year warranty.

PACKAGE CONTENTS

- Easy Set Up Single 3m Adjustable Arm
- Fume Extraction Unit with included Filter
- Door Lock Key Set
- Operating Manual

ORDERING DETAILS



BigSucker FX1
P/N: 455FX01



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TECHNICAL SPECIFICATIONS

Power Supply (Voltage):	Single Phase 230V 10A Plug	
Air Volume	1,200 m ³ /h	
Motor Power	1.1 kW	
Filter Grade	F9	(EN 779:2012)
Filter Efficiency	> 99%	
Filter Surface Area	8 m ²	
Cleaning Method	Auto Filter Dusting (Compressed Air 0.4-0.6MPa)	
Noise Level	72 dB (A)	
Dimensions	600L x 560W x 1100H (mm) without 3m arm	
Weight	126kg without arm	



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