



# MASTERWELD

## MasterWeld MW7501 Wall Mounted Welding Fume Extraction with 3 Metre Arm

The new **MasterFlex series**, thanks to the materials used and design innovation, provides the operator with **high manoeuvrability** and **stability**, guaranteed by a system of Belleville washers which supports the fume extraction arm.

The internal load bearing structure is manufactured with reinforced steel tubing and 6061 aluminium components CNC machined from single blocks to achieve T6 properties, then anodised to **guarantee durability** over time, despite continuous exposure to fumes.

The flexible cover hose is a multilayer PVC to guarantee **protection from any sparks** and **resistance to high temperatures** (max 140°C).



The extraction hood, with high uptake for **maximum efficiency of extraction**, includes a manual damper to regulate airflow, anti-intrusion grille protection and handle.

Fitted with a heavy-duty centrifugal 1.1kw 415V industrial extractor fan. **Easy installation** to existing ducting or new. MasterFlex heavy-duty 3 metre self-supported extraction arm with swivel joint. **Highly efficient** extraction hood with damper to regulate airflow, anti-intrusion grille protection and handle.

The structure of the fan is made entirely of welded steel plate of suitable thickness and then powder coated.

The impeller used with forward curved blades made of galvanised sheet steel and welded statically and dynamically balanced according to **ISO** keeping to the **minimum noise and vibrations**.

**Manufactured in Italy** with three-phase asynchronous squirrel-cage, running 400V/50-60 Hz, cash B5, IP55 protection, according to the standards UNELMEC. Installed 2-pole.

The assembly is provided on a chair support of the foundation to the common fan.

The outputs stated in the performance tables have been dimensioned taking into account the performance of the machine and an additional margin of safety to compensate for any faults in the system.

### Technical Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| Fan Power                    | 1.1kw 415V                           |
| Airflow at Extraction Nozzle | 1150 m3/hr                           |
| Pressure                     | 850 Pa.                              |
| Fan Motor Volt               | [±10%] 230 M / 230-400 T / 400-690 T |
| IP                           | 55                                   |
| Arm Length                   | 3 metres                             |

Your local distributor



[www.masterweld.co.uk](http://www.masterweld.co.uk)