ENGMAR | Innovative extraction solutions for the protection of welders

EXTRACTION UNIT
ATMOFLOW

MADE IN FRANCE

Protect your welders - on the move

PRODUCT BENEFITS

- **Extraction and filtration of up to 99.999%** of particles of 0.3 µm and above from welding fumes
- **Guided emptying procedure** on the user screen
- **No direct contact** with dust during use and maintenance

General functions

- **Start Function** : integrated automatic start/stop
- **Constant extraction** : stable performance thanks to automatic filter cleaning
- **Reduced** and **optimised** energy consumption

Telescopic handle

- **Mobility, compactness**

User screen

- **Intuitive** and **ergonomic** interface
- **Indication of messages and alerts on screen,** as well as by **visual** and **acoustic signals**
- Daily support through **assisted operation** of the unit

Optimal filtration

- **Two levels of filtration possible**
- Clogging monitoring of all filters
- **Automatic cleaning**
- **Bag in/bag out system** for filter replacement

Safe maintenance

- **Simplified** and **secure** access for the operator to empty the particles

CE EUROPEAN STANDARDS

- EN 21904-1
- EN 21904-4
- EN 60974-7

PRODUCT DESCRIPTION

can be used to connect different types of welding fume extraction and workstation cleaning equipment. It is possible to adapt MIG/MAG or TIG extraction torches, laminar extraction nozzles or industrial vacuum cleaners. W3 certified according to EN ISO 21904-1, it filters up to 99.999% of extracted particles.

INDUSTRIAL USE

With its stable extraction flow due to automatic filter cleaning and reduced maintenance cycles, the ATMOFLOW is particularly suitable for industrial use. Its clever emptying system protects the operator during welding, but also during the cleaning of the extraction unit.

ASSISTANCE

Guided by various programmes, for example for emptying or calibrating a new extraction tool, the ATMOFLOW offers the operator a high level of active and passive safety. What's more, notifications alert the user to events and potential risks.

SEVERAL VERSIONS ARE AVAILABLE TO SUIT YOUR NEEDS:

- **A** The standard ATMOFLOW offers great flexibility in terms of layout and flexibility.
- **B** ATMOFLOW on a trolley with a balancer for greater mobility while improving ergonomics and welder safety by suspending the extraction torch..
- **C** The ATMOFLOW allowing the connection of a TIG torch and a MIG torch provides perfect protection for TIG and MIG welding without the need for time to change processes.
- **D** The detached ATMOFLOW allows the filter box to be installed at the workstation and the turbine part to be detached. This keeps the control and maintenance of the unit close to the workstation while placing the turbine in a soundproofed enclosure for optimized working comfort.

AVAILABLE VERSIONS

A Version ATMO30RDE

B Version ATMO30RDE10

C Version ATMO30RDE20

D Version ATMO30RDEDP

TECHNICAL DATA

POWER	3,0 kW
VOLTAGE	380V three-phase (220V three-phase in option)
CONNECTION	Ø 60 mm
MAX. FLOW RATE	320 m^3/h
WEIGHT	85 kg
DIMENSIONS	590 x 465 x 825 mm
MAX. PRESSURE	26 000 pascal
ACOUSTIC LEVEL	72 db(A)
FILTRATION SURFACE	2,5 m^2
FILTRATION	Filter KTCOPA01 (Class M) - Filter FND14 (Class HEPA H14)
CERTIFICATION AND STANDARDS	W3 certified - Complies with standard EN ISO 21904-1

ENGMAR

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