ENGMAR | Innovative extraction solutions for the protection of welders

EXTRACTION TORCH MIG/MAG 420

ERGOFLOW

MADE IN FRANCE

INCREASE PRODUCTIVITY BY WELDING CONTINUOUSLY AT HIGH INTENSITY

OPTIMUM EXTRACTION
Ideal position of the nozzle

ERGONOMICS & ADAPTABILITY
Ergonomic handle

Several options available

GRIP
Ensures better handling

ROTATING CONNECTOR
Heavy-duty steel, for better handling of the torch

EUROPEAN NORMS
- EN 21904-1
- EN 21904-4
- EN 60974

Discover our product video produit by flashing the QR-code

PRODUCT BENEFITS

- Up to **98% of fumes are extracted**
- **Reduced number of consumables,** simplified assembly
- **New cooling system** for minimum wear of parts
- **Excellent extraction capacity**
- Very **flexible** hose for better ergonomics

PRODUCT DESCRIPTION

Welding generates fumes and gases that are hazardous to welders' health. An extraction torch is the most effective tool for removing welding fumes as close as possible to the source of emission, thus avoiding dilution of the fumes in the workshop.

The extraction torch **ERGOFLOW** 420A MIG/MAG is designed to weld while protecting the welder from the emitted fumes. This new torch is the most powerful of the range, allowing welding up to 380A thanks to its new cooling system. Mounted with a rotating connection at the handle exit to improve ergonomics, it allows welding in any position.
ENGMAR adapts to your needs and offers many torch options, available on request.

TECHNICAL DETAILS

	WATER COOLED	AIR COOLED
POWER WITH CO_2	440A	
POWER WITH AR/CO_2	380A	
DUTY CYCLE	100%	60%
RECOMMANDATION WELDING WIRE (MM)	0.8 - 1.6	
MIN. FLOW RATE AT THE NOZZLE [NM^3/H]	85	
REQUIRED PRESSURE (SEA LEVEL) [KPA]	101.8	
FLOW DIFFERENCE BETWEEN NOZZLE AND CONNECTOR (NM^3/H)	22.2	

In pulsed mode, capacities are reduced by 35%.

PRODUCT SPECIFICATIONS

- Slimmer torch with extraction nozzle located further back, allowing better accessibility
- 1.4 m long leather hose
- Light and flexible polyurethane hose on the front part, covered hose on the rear part of the torch
- European connector
- Torch supplied with wire guide

PRODUCT REFERENCES

NECK TORCH	HOSE	3 m	4 m	5 m
		WATER COOLED		
NECK 45°	Ø50 mm	FRMS423050-45	FRMS424050-45	FRMS425050-45
NECK 50°	Ø50 mm	FRMS423050	FRMS424050	FRMS425050
		AIR COOLED		
NECK 45°	Ø50 mm	FLS423050-45	FLS424050-45	FLS425050-45
NECK 50°	Ø50 mm	FLS423050	FLS424050	FLS425050

Other versions on request.

ENGMAR

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La FRENCH FAB

Your ENGMAR dealer

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