



ENGMAR

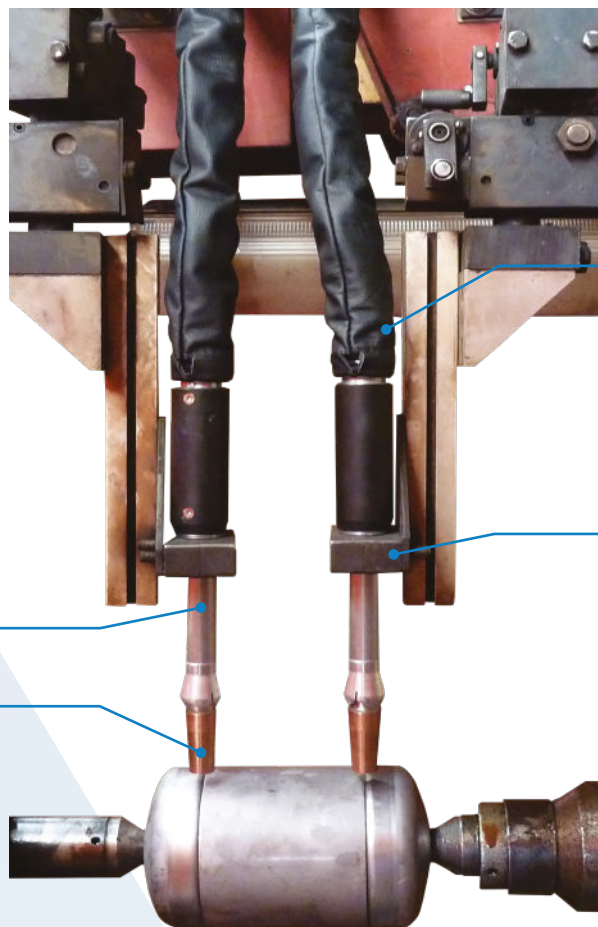
Innovative extraction solutions
for the protection of welders

AUTOMATIC TORCH MIG/MAG 380/400

ERGOFLOW



CAPTURE FUMES AT SOURCE, EVEN FOR AUTOMATIC WELDING



LEATHER
PROTECTION

EASY
INTEGRATION

Into your automatic
machines

LONG
OPERATING LIFE

OPTIMUM
EXTRACTION

Ideal position of
the extraction nozzle

CE EUROPEAN
STANDARDS

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



PRODUCT BENEFITS

- Up to **98% of fumes extracted**: prevents dilution of pollutants in the work area.
- **High** welding **intensity**.
- Torch guarantees **high precision** and **quality welds**.
- **Protection for all operators in the same workspace.**





PRODUCT DESCRIPTION

Automated welding is a way of increasing productivity and reducing repetitive tasks to avoid an increase in RSI. It also makes it possible to cope with shortages of welders and thus guarantee continuous production. Whether manual or automatic, welding generates fumes and gases that are hazardous to health. The use of an automatic extraction torch enables welding fumes to be captured directly at source, avoiding dilution of harmful particles in the workshop.



TECHNICAL DATA FOR THE EXTRACTION TORCH

	AUTOMATIC TORCH 380	AUTOMATIC TORCH 400
POWER WITH CO ₂	400 A	500 A
POWER WITH AR/CO ₂	340 A	440 A
DUTY CYCLE	100%	100%
RECOMMENDATION WELDING WIRE	1.2 - 10.6 mm	
EXTRACTION HOSE DIAMETER	40 - 50 mm	
MIN. NOZZLE FLOW RATE [NM ³ /H]	87	120
REQUIRED PRESSURE (SEA LEVEL) [KPA]	75	126
DIFFERENCE IN FLOW RATES BETWEEN THE HEAD AND THE T(NM ³ /H)	14.2	15.5



PRODUCT FEATURES

- Torch equipped with the optimum fume shroud for the most efficient extraction
- Leather protection, length 1.4 m, on the frontal part of the torch
- Light flexible polyurethane tube on the front of the torch / Shape memory flexible tube on the back of the torch, resisting to clogging and abrasion
- The torch is delivered with its liner and Euro connector
- Specific lengths available on request



PRODUCT REFERENCES

AUTOMATIC TORCH 380		
	0° Model	45° Model
3 m	ATRMP383050-D	ATRMP383050-45
4 m	ATRMP384050-D	ATRMP384050-45
AUTOMATIC TORCH 400		
	0° Model	45° Model
3 m	ATRMP403050-D	ATRMP403050-45
4 m	ATRMP404050-D	ATRMP404050-45



ENGMAR SAS

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Your ENGMAR dealer