

MIG/MAG EXTRACTION TORCH AND COBOT HOLDER SET

COBOFLOW

THE EXTRACTION TORCH AND ITS COBOT HOLDER DESIGNED TO EXTRACT WELDING FUME AS CLOSE AS POSSIBLE TO THE POINT OF EMISSION.

EXTRACTION AT SOURCE

- Powerful extraction
- Up to **98% of fume extraction**

FIXED AND LOCKED TORCH POSITION

- **Constant TCP** position (Tool Center Point)
- **Disassembly of consumables without removing the torch** from the holder
- **Time saving** during maintenance

ERGONOMIC AND FUNCTIONAL HOLDER

- **Excellent handling**
- **Easy and rapid use** thanks to the button integrated on the holder
- **Quick** assembly / disassembly

CE EUROPEAN STANDARDS

- EN 21904-1
- EN 60974-7

An ENGMAR solution
developed in collaboration
with a cobot integrator



Watercooled extraction torch

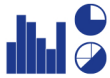




PRODUCT DESCRIPTION

The MIG/MAG extraction torch and holder **COBOFLOW** set is dedicated to cobotic welding. It allows to weld up to 400A while protecting the operators by extracting welding fumes at source.

ENGMAR has collaborated with a cobot integrator to offer a complete solution that meets your production needs. A button for the freedrive is directly integrated on the torch holder for a faster tool change and an ergonomic handling.



TECHNICAL DATA OF THE EXTRACTION TORCH

	WATERCOOLED
CAPACITY ON CO ₂	400A
CAPACITY ON AR/CO ₂	340A
DUTY CYCLE	100%
WIRE DIAMETER	1,2 - 1,6 mm
EXTRACTION FLOW AT GAS NOZZLE	92 m ³ /h
EXTRACTION FLOW AT CONNECTOR	115,4 m ³ /h
VACUUM AT CONNECTOR	13450 Pa

In pulsed mode, capacities are reduced by 35%.



PRODUCT SPECIFICITY

- Extraction at source
- Constant TCP position, reprogramming not required after the assembly and disassembly
- Ergonomic cobot holder: excellent handling
- Rapidity and simplicity of the torch assembly: the cobot holder is equipped with a button for the freedrive
- The 45° angle of the extraction torch and holder set allows an excellent accessibility to the workpiece
- Meets the EN 60974-7 and EN 21904-1 standards



PRODUCT CODE

COBOT HOLDER	WATERCOOLED				
	SWAN NECK	HOSE	3 M TORCH	4 M TORCH	5 M TORCH
COB100	30°	Ø50 mm	ACRMP383050-30	ACRMP384050-30	ACRMP385050-45

Other versions on request.

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