

MicroMAG 301 PLUS

For 200mm Spools



3 x 400Vac



MicroMAG 301 PLUS is a compact, 3 Phase and robust designed Inverter for MIG-MAG, MMA and Lift TIG Arc welding.

Easy to transport, **only 24kg (including a spool of 5kg 200mm diameter)**, it is the best option for maintenance and repair on field, shipyard and off-shore operations.

Polarity change allows welding with self shielded wires.

Innovative **WECO unique HAC (Hybrid Arc Control)** supplies a soft and very stable MIG-MAG arc with excellent weld bead quality and minimal spattering in any working conditions.

Friendly-user interface allows precise parameters setting using only two knobs.

Soft Arc parameter optimizes the current and the arc based on the welding material.

Additional parameters, Motor Slope, Soft Start, Burn Back and Post Gas are included for perfect arc ignition and optimum wire cutting at the end of welding.

Inductance is electronically adjustable from the front panel and optimizes the arc.

Built-in Wind Tunnel protects electronic devices from dust and saltiness, improving MicroMAG 301 PLUS life cycle.

A perfect wire feeding is guaranteed thanks to a **4-rolls motor drive** included in **MicroMAG 301 PLUS**.

Up to 5mm electrodes in MMA

Adjustable Arc Force and Hot Start in MMA welding

Lift TIG ignition to reduce Tungsten inclusions.

: MIG/MAG Manual - TIG DC LIFT - MMA

CE: 2004/108/CE - 2006/95/CE - 2011/65/EU

EN: EN 60974-1 - EN 60974-5 - EN 60974-10

Technology



MOTOR DRIVE

	24VDC	
P_{MAX}	35W	
	1,0 - 20,0m/min	
	N°4 D=30mm - d=14mm Fe 0,6 - 1,2mm Al 0,8 - 1,2mm FCW 1,0 - 1,2mm	

MicroMag 301 PLUS

	3x400Vac ± 15% @ 50-60Hz								
	16A								
	MIG - MAG			TIG - WIG			MMA		
% _{40°C}	35%	60%	100%	50%	60%	100%	40%	60%	100%
I_2	300A	230A	200A	250A	240A	210A	250A	220A	190A
I_2	5A - 300A			5A - 250A			5A - 250A		
U_0	53V								
P_{MAX}	10,3kVA - 9,7KW								
IP	23S								
	410 x 270 x 355mm								
	19,0Kg								

	CODE	
MicroMag 301 PLUS	001.0065.0000	
SLIDING KIT 2 MicroMAG 301	010.0000.0017	
SLIDING KIT 3 MicroMAG 301 (DOUBLE)	010.0000.0018	
Trolley 02	006.0002.0014	
Trolley H	004.0000.0008	
Electrode Holder 35mm ² L=4m	006.0002.0028	
Earth Cable 35mm ² L=4m	006.0002.0003	
Torch MIG 36 L= 4m AIR EURO	006.0008.0004	
Torch TIG 26 L= 4m AIR EURO	006.0005.0011	
Gas regulator MANOMETER	006.0002.0011	
Gas regulator FLOWMETER	006.0002.0005	
ROLL 0.6/0.8 D=30 d=14 V	002.0000.0119	
ROLL 0.8/1.0 D=30 d=14 V	002.0000.0120	
ROLL 1.0/1.2 D=30 d=14 V	002.0000.0121	
ROLL 0.8/1.0 D=30 d=14 U	002.0000.0122	
ROLL 1.0/1.2 D=30 d=14 U	002.0000.0123	
ROLL 1.0/1.2 D=30 d=14 VK	002.0000.0124	
Suggested composition:		
MicroMag 301 PLUS + Torch MIG 36 L= 4m AIR +		
Earth Cable 35mm ² L=4m + Gas regulator MANOMETER		