

## **MicroMAG 301 PLUS**

**Construction technology: Inverter**

**Mains supply: Three phases**

**Type: MULTIFUNCTION**

**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 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.

## SEE DETAILS

Mains voltage	3 x 400V- ±15% / 50-60Hz								
Mains protection	16A DELAYED								
Welding modes	MIG-MAG			MMA			TIG		
Working cycle (40°C)	35%	60%	100%	40%	60%	100%	50%	60%	100%
Welding current	300A	230A	200A	250A	220A	190A	250A	240A	210A
Maximum input power	12,7KVA - 9,6KW								
Maximum effective supply current	12,5A								
Open circuit voltage	57V								
Insulation class	H								
Protection rating	IP23S								
Cooling system	AF								
Construction standards	EN 60974-1/-5/-10								
Power source size (L x D x H)	410 x 270 x 355mm								
Power source weight	19Kg								