

# Micromag 301 (dc-mig/mag)

## Micromag 301

The 301 MicroMag is a particularly professional and innovative welding device. Thanks to the very limited dimensions and low weight, this device is an extremely suitable alternative to the conventional welding equipment that is used in shipbuilding and offshore yards. DISCOVERY 301 MICROMAG eliminates all problems which may arise in the connections between power source and wire supply case.

The high duty cycle and the extraordinary properties of the arc ensure optimum performance, both during use the of solid welding wires as when using filled wires with a diameter of 1.20 mm.

Thanks to the meticulous design of each component, this device is particularly strong and also suitable for demanding applications, such as on shipyards and offshore yards. A synergic control print is optional. With this control, common materials with various types of gas and wire diameters can be set by means of one button (SG2 / SG3 - INOX - ALUMINUM - CuSi). Two large displays on the front enable particularly precise control of the welding parameters. In addition, they become a precise voltage / ammeter during welding.



Technology: Inverter  
Supply: 3-phase  
Type: mig/mag

**Prior**  
Welding



**Prior Welding**

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 (dc-mig/mag)

Grid voltage	3x400V +/- 15% / 50-60 Hz		
Grid fuse	16A verhoogd		
Welding mode	mig/mag		
Duty cycle (at 40°C)	35%	60%	100%
Welding amperage	300A	230A	200A
Duty voltage	29,0V	25,5V	24,0V
Max. intake power (KVA)	12,7KVA	9,0KVA	7,9KVA
Max. intake power (KW)	9,6KW	9,0KW	5,6KW
Max. nominal supply amperage	11,0A	10,0A	11,4A
No-load voltage	9,8V		
Insulation class	H		
Protection class	IP23		
Cooling	AF		
Construction norms	EN 60974-1/-5/-10		
Dimensions generator (W x D x H)	410x270x355 mm		
Weight generator	19,0 kg		



## Accessories:

Welding cable  
Grounding cable  
Tig torch  
Reducer

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