



MASTERWELDTM
The Ultimate Welding Machine

Masterweld 300

Masterweld 300 is a professional, robust, **3 Phase** inverter power source for MMA welding and TIG DC applications with excellent arc characteristics.

Masterweld 300 is specifically designed for adverse working conditions, such as of shore, shipyards, boat-maintenance and repair.

TIG DC functions and **digital control** available is an optimized combination also for maintenance, building construction, light-medium metal structures.

Hot Start and **Arc Force** are adjustable in MMA welding and guarantee a better arc ignition, smoother deposition and fluent welding.

Anti Sticking allows electrode unstick from the base material in case of accidental sticking.

Most of market-electrodes **up to 6mm** diameter can be easily welded.

In TIG DC both **pulse frequency** (0,5-250Hz) and **pulse base current** can be set by the welder for optimal arc focusing, lower heat input and lower deformations.



Features

- Robust construction for heavy duty use
- Built-in Wind Tunnel protects electronic devices from dust and saltiness and improves reliability
- Digital display for setting and reading welding parameters
- Microprocessor controls real-time welding parameters
- Hot Start increases the start-current and gives better arc ignition
- Arc Force avoids short circuits and lack of fusion during the welding
- Lift TIG DC ignition reduces Tungsten inclusions
- Trolley available
- Remote Control applicable

Accessories

Masterweld 300	
Trolley 02	
Electrode Holder 35mm ² L=4m	
Earth Cable 35mm ² L=4m	
Torch TIG 26V L=4m	
Remote control RC01 L=5m	
Remote control RC01 L=10m	
Remote control RC01 L=20m	

Suggested composition:

Masterweld 300	
Electrode Holder 35mm ² L=4m	
Earth Cable 35mm ² L=4m	

Your local distributor

Details

Input voltage	3 x 400V voltage protected \pm 15% / 50-60 Hz					
Amperage draw	20A					
Duty cycle	MMA			TIG		
% (40°C)	40%	60%	100%	50%	60%	100%
Amps	300A	220A	200A	300A	250A	210A
Amps - Min & Max	10A - 300A			5A - 300A		
Open circuit voltage (OCV)	76/9V					
P _{1MAX}	13.3 - 10.7kVA					
IP	23S					
Dimensions	460 x 230 x 325mm					
Weight	20.8Kg					

Processes: MMA - TIG DC

CE Directives: 2002/95/CE, 2004/108/CE, 2006/95/CE

CE Standards: EN 60974-1, EN 60974-10

Power inverter Inside

- Higher efficiency
- Lower energy demand

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