



# MASTERWELD™

*The Ultimate Welding Machine*

## MasterWeld 401 MSR

MasterWeld 401 MSR is a synergic 3 Phase Inverter with separated wire-feeder.

A wide range of MIG-MAG synergic programs facilitate the selection of precise welding parameters using any welding wires.

WF 107 is a portable 4-roll drive wire feeder designed to withstand severe environmental conditions, it is ideal for any applications of construction and automotive.

Friendly-user interface allows precise parameters setting using only one knob. All MIG/MAG controls are on the wire feeder:

Wire Speed, Welding Voltage, Inductance, Motor Slope, Soft Start, Burn Back, Post Gas, Wire Feeding, Test Gas, 2T/ 4T/ 3T Special trigger torch control, Intermittent and Spot welding selection.

3T Special allows both Hot Start and Crater Filler current setting, for optimal penetration at start and crater filling at bead's end.

Spot and Intermittent welding mode give excellent welding spots.

Microprocessor, inverter technology, digital displays, synergic curves and memory locations for customized welding parameters assure complete welding process repeatability.

MasterWeld unique MAC (Master Arc Control) supplies a soft and very stable MIG/MAG welding arc with excellent weld bead quality and minimal spattering in any working conditions.



### Features

- Equipped with big wheels and gas bottle holder
- Cooling Unit available
- Fan on demand and Built-in Wind Tunnel protects electronic devices from dust and saltiness and improves reliability
- Up to 50m cable bundle can be used with no performances reduction
- Push-Pull Gun applicable for better MIG aluminum welding



## Details

Input voltage	3 x 400V voltage protected $\pm$ 15% / 50-60 Hz		
Amperage draw Duty cycle	16A		
cycle	MIG - MAG		
% (40°C)	50%	60%	100%
Amps	400A	360A	320A
Amps - Min &Max	20A - 400A		
Open circuit voltage (OCV)	53V (9V)		
P <sub>1</sub> MAX	18.8kVA - 15.5kW		
IP	23S		
Dimensions	1110 x 550 x 805mm		
Weight	78Kg		

**Processes:** MIG/MAG (Manual, Synergic)

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

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

### MasterWeld Technology Inside

- Lower harmonic current emissions
- Lower input current

### MAC Master Arc Control

- Soft Arc, Low spattering
- Better welds, Money savings

Your local distributor