# **MULTIWELD FV 220M**

30 → 220 A Ref. 065482



The MULTIWELD FV 220M is a single-phase welding machine, combining MIG/MAG, cored wire and MMA welding processes. It operates on a supply voltage between 85 and 265 V thanks to its FV (Flexible Voltage) power supply. Its intuitive interface integrates two digital displays offering simple and accurate settings. Fitted with an accurate and powerful 4 drive roll feeding system, offering welding quality even on aluminium.

### **MULTIPROCESS**

- MIG/MAG welding:
- steel wire: Ø 0.6 to 1.0 mm
- stainless steel wire: Ø 0.8 to 1.0 mm
- aluminium wire: Ø 0.8 and 1.0 mm
- cored wire (reverse polarity): Ø 0.9 to 1.2 mm
- MMA welding: basic and rutile electrodes (up to Ø 5 mm).

## **OPTIMISED MIG/MAG SETTINGS**

■ Choice of the trigger mode: 2T or 4T.

**Welding guide:** tables assist the user to adjust and fine tune the voltage and the diameter of the filler wire according to the thickness of material being welded.

## **INTUITIVE**

- **Display readable** even in bright light.
- Simple user interface with ergonomic controls allowing gloved use.

# **INTEGRATED WIRE FEEDER**

- Compatible with reels: Ø 200 / 300 mm
- Wire feeder with 4 rollers for an efficient wire feeding.
- EURO torch connector for quick assembly/disassembly.

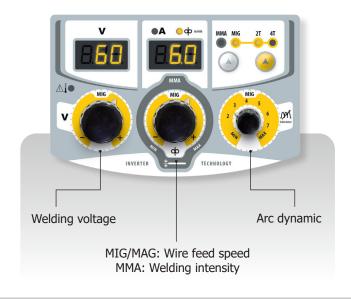
### **PRE-HEATING, PURE CO2**

- Pre-installed socket (36 V 4.2 A) for gas heater in pure CO2 welding (heater not included).
- Compatible with US (type A) and EURO electrical sockets (type C/E/F).

### **ROBUST**

- IP 23 classification for outside use.
- Accepts very long extension cords (100 m).
- Reinforced wheels for better stability and easier transportation.
- Support for gas cylinder up to 4 m³ (20L).
- Protected against overvoltage up to 400 V (PROTEC 400).

# Supplied with MIG25 - 3 m 2.5 m - 25 mm<sup>2</sup> 2 m - 25 mm<sup>2</sup>



## **ACCESSORIES** (options)



Welding kit for cored wire Ø 0.9/1.0 & 1.2 mm 072336



042346 (x1)



Consumables box MB25 (250 A) 041233



	Ø 0.6 / 0.8		042339				
steel	Ø 0.8 / 1.0 Ø 0.8 / 1.0	1	041189				
Aluminium	Ø 0.8 / 1.0	ΧI	041196				
Cored wire	Ø 0.9 / 1.2		042346				

Regulator



•	<del>-</del> AM <del>-</del>	I <sub>2</sub> MMA	I <sub>2</sub> MIG	<b>⊕</b> *	<b>3</b> ⊭ ømm		ømm **		<b>o</b> ¢	ф	équipé d'origine / original equipement / originalausstatung / equipamiento de fabrica			MMA EN 60974-1 (40°C)		U <sub>o</sub>	<b>\$</b>	<u>P</u>	IP	Chroniony	
50/60 Hz	Α	А	А		NO GAZ	200	300	Ø mm	Sterowanie elektroniczne	m/min		IA (60%)	100%	IA (60%)	100%	S V cm	kg		& kompatybilny generator mocy (+/-15%)		
230 V 1~	16	30 → 200	30 → 220	0.6	0.9	<b>✓</b>		1.6 → 5	<del>00</del> →	2 → 15	0.8	160 A	120 A	140 A	100 A	75	77 x 79	32	בר חו	9 kW	
110 V 1~	32	30 → 120	30 → 140	1.0	1.2		<b>V</b>	1.6 → 3.2		<del>00′</del> 2 →	2 → 11	1.0	110 A	90 A	100 A	80 A	67	x 47	52	IP 23	9 KVV