

# MASTER M 205

Power and pulse, ready to go



# Master M 205 is a portable pulse welding machine that is easy-to-use anywhere.

With 200 amps of welding power at a 40% duty cycle, the **Master M 205** offers real portable performance. Take on a wider range of materials with pulse welding and do your best work from anywhere with the convenience of a 1-phase power supply. The 5" LCD screen is bright and easy to read, while self-charging LED lights can be turned on to improve safety. They work with or without mains power.

Weld Assist saves time and makes welding easier with automatic parameter settings. Just select the material thickness, joint type, and welding position, and start welding. In addition, **Master M 205** comes with 37 factory-installed MIG/MAG welding programs for Fe, Ss, AlMg5, AlSi5, CuSi3, and CuAl8 filler materials.

- Premium MIG/MAG performance with 1-MIG and pulse MIG, plus DC TIG and MMA process options as standard
- Can be connected to either 1ph, 110V-130V or 220V-230V power supply
- With Weld Assist 60% faster parameter setting than standard machines
- Weight without accessories only 16,2 kg





## MASTER M 205 VALUE FEATURES



### PORTABLE AND PULSED WELDING POWER

with 1-phase power supply



### HIGH-QUALITY WELDING RESULTS

with wide ranging materials and thicknesses



### INTUITIVE USER INTERFACE

including Weld-Assist, supporting welders in all situations.

# Technical specifications

FEATURE		MASTER M 205 GM
Mains connection voltage 1~ 50/60 Hz		110 - 130 V $\pm$ 10 % 220 - 240 V $\pm$ 10 %
Output at +40 °C	40% [110 -130 V]	120 A (MMA 100 A) (30% ED)
	60% [220 -230 V] 60% [110 -130 V]	170 A (MMA 150 A) 95 A (MMA 80 A)
	100% [220 -230 V] 100% [110 -130 V]	140 A (MMA 120 A) 75 A (MMA 65 A)
Welding current and voltage range	MIG [220 -230 V] MIG [110 -130 V]	15 A/10 V...175 A/27 V 15 A/10 V...100 A/24 V
	MMA [220 -230 V] MMA [110 -130 V]	15 A/10 V...175 A/27 V 15 A/10 V...100 A/24 V
	TIG [220 -230 V] TIG [110 -130 V]	15 A/1 V...200 A/18 V 15 A/1 V...120 A/14,8 V
Gun connection		Euro
Wire feed mechanism		2-roll, single-motor
Diameter of feed rolls		32 mm
Filler wires	Fe	0.8 - 1.0 mm
	Ss	0.8 - 1.0 mm
	Mc/Fc	-
	Al	0.8 - 1.2 mm
Fuse	Slow type	16 / 16 A
Wire feed speed		0.5 - 25 m/min
Wire spool weight (max)		5 kg
Wire spool diameter (max)		200 mm
Shielding gas pressure (max)		0.5 MPa
Operating temperature range		-20...+40 °C
Storage temperature range		-40...+60 °C
EMC class		A
Degree of protection		IP23S
External dimensions	LxWxH	520 x 250 x 379 mm
Weight without accessories		16,2 kg
Rated power at max current		13 kVA
Recommended generator power (min)	400V	15 kVA
Standards		IEC 60974-1, -10



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