

# Master M 205 GM



## OVERVIEW

A portable multiprocess welder that provides 200 A with a 40% duty cycle. Manual, synergic, and pulse MIG welding options available, along with stick and DC TIG welding options. Intelligent welding parameter setting with Weld Assist. Includes 20 factory-installed welding programs for 1-MIG and 17 factory-installed welding programs for pulse MIG. Welding programs include Fe, Ss, Al, CuSi, and CuAl materials. Suitable for generator use.

## TECHNICAL SPECIFICATIONS

### Master M 205 GM

Product code	MSM205GM
Sales package code	P519GXe3 – Master M 205 GM, GXe 305G 3,5 m P520GXe3 – Master M 205 GM, GXe 305G 5 m P521CGXe3 – Master M 205 GM, Master Cooler 05M, GXe 305W 3,5 m P522CGXe3 – Master M 205 GM, Master Cooler 05M, GXe 305W 5 m P527GX2 – Master M 205 GM, GXe 255G 3,5 m P528GX2 – Master M 205 GM, GXe 255G 5 m P529GXe2 – Master M 205 GM, GXe 205G 3,5 m P530GXe2 – Master M 205 GM, GXe 205G 5 m
Connection voltage 1~ 50/60 Hz	220 – 240 V $\pm 10$ %; 110 – 130 V $\pm 10$ %
Fuse	16/16 A
Output 40% ED	200 A (175 A MMA); 120 A (100 A MMA) (30% ED)
Output 60% ED	170 A (150 A MMA); 95 A (80 A MMA)
Output 100% ED	140 A (120 A MMA); 75 A (65 A MMA)
Wire feed mechanism	2-roll, single-motor
Wire feed speed	0.5 – 25 m/min
Rated power at max. current	6 kVA

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Recommended generator power (min)	15 kVA
Gun connection	Euro
Wire spool weight, max.	5 kg
Wire spool diameter, max.	200 mm
Filler wires, Ss	0.8 – 1.0 mm
Filler wires, Al	0.8 – 1.2 mm
Filler wires, Fe	0.8 – 1.0 mm
Welding current and voltage range, MIG	15 A/10 V...200 A/28 V; 15 A/10 V...120 A/21 V
Welding current and voltage range, TIG	15 A/1 V...200 A/28 V; 15 A/1 V...120 A/21 V
Welding current and voltage range, MMA	15 A/10 V...175 A/31 V; 15 A/10 V...100 A/24 V
External dimensions LxWxH	520 x 250 x 379 mm
Weight (no accessories)	16.2 kg
Degree of protection	IP23S
Standards	IEC 60974-1, -10
EMC class	A
Operating temperature range	-20...+40 °C
Storage temperature range	-40...+60 °C