

# Master M 323 GM



## OVERVIEW

A portable multiprocess welder that provides 320 A with a 40% duty cycle. Manual and synergic MIG welding options available, along with stick and DC TIG welding options. Intelligent welding parameter setting with Weld Assist. Includes 28 factory-installed welding programs for 1-MIG and 4 factory-installed MAX Cool welding programs. Welding programs include Fe, Ss, Al, CuSi, CuAl, Fe Metal, Fe Rutil, and FC-CrNiMo materials. Suitable for generator use.

## TECHNICAL SPECIFICATIONS

### Master M 323 GM

Product code	MSM323GM
Sales package code	P523GXe3 – Master M 323 GM, GXe 305G 3,5 m P524GXe3 – Master M 323 GM, GXe 305G 5 m P525CGXe3 – Master M 323 GM, Master Cooler 05M, GXe 305W 3,5 m P526CGXe3 – Master M 323 GM, Master Cooler 05M, GXe 305W 5 m
Connection voltage 3~ 50/60 Hz	380 – 460 V $\pm 10$ %; 220 – 230 V $\pm 10$ %
Fuse	16/32 A
Output 40% ED	320 A (MMA 300 A); 280 A (MMA 255 A)
Output 60% ED	250 A (MMA 220 A); 230 A (MMA 205 A)
Output 100% ED	200 A (MMA 175 A); 175 A (MMA 150 A)
Wire feed mechanism	2-roll, single-motor
Wire feed speed	0.7 – 25 m/min
Rated power at max. current	13 kVA
Recommended generator power (min)	20 kVA
Gun connection	Euro
Wire spool weight, max.	5 kg

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Wire spool diameter, max.	200 mm
Filler wires, Ss	0.8 – 1.2 mm
Filler wires, Al	0.8 – 1.2 mm
Filler wires, Fe	0.8 – 1.2 mm
Filler wires, MC/FC	0.8 – 1.2 mm
Welding current and voltage range, MIG	15 A/10 V...320 A/34 V; 15 A/10 V...280 A/32 V
Welding current and voltage range, TIG	15 A/1 V...320 A/34 V; 15 A/1 V...280 A/33 V
Welding current and voltage range, MMA	15 A/10 V...300 A/34 V; 15 A/10 V...255 A/33 V
External dimensions LxWxH	520 x 250 x 379 mm
Weight (no accessories)	18.5 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