

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

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| 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 ± 10 %; 220 – 230 V ± 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 |
| Operating temperature range | -20...+40 °C |
| 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 |
| Storage temperature range | -40...+60 °C |