

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

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| 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 ± 10 %; 110 – 130 V ± 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 |