

Master M 353 GM



OVERVIEW

Compact MIG/MAG welder with manual and synergic (Auto) welding options. Provides 350 A with a 40% duty cycle. Intelligent welding parameter setting with Weld Assist. Color LCD display and LED work lights for excellent user experience. Includes work pack welding software programs inc. Fe, Ss, Al, CuSi, CuAl, Fe Metal, Fe Rutil, FC-CrNiMo materials. Generator and multi-voltage use.

TECHNICAL SPECIFICATIONS

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Product code	MSM353GM
Connection voltage 3~ 50/60 Hz	380 - 460 V ± 10 %; 220 - 230 V ± 10 %
Fuse	16/32 A
Output 40% ED	350 A (MMA 330 A); 300 A (MMA 280 A)
Output 60% ED	280 A; 240 A
Output 100% ED	220 A; 190 A
Wire feed mechanism	4-roll, single-motor
Wire feed speed	0.5 - 25 m/min
Rated power at max. current	14 kVA
Recommended generator power (min)	20 kVA
Gun connection	Euro
Wire spool weight, max.	20 kg
Wire spool diameter, max.	300 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
Diameter of feed rolls	32mm

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Welding current and voltage range, MIG	15 A/10 V - 350 A/ 45 V 15 A/10 V - 300 A/ 40 V
Welding current and voltage range, TIG	15 A/1 V - 350 A/ 45 V; 15 A/1 V - 300 A/ 40 V
Welding current and voltage range, MMA	15 A/10 V - 330 A/ 45 V; 15 A/10 V - 280 A/ 40 V
Shielding gas pressure (max)	0.5 MPa
External dimensions LxWxH	602 x 298 x 447 mm
Weight (no accessories)	27 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