

Master M 205 and 323

PORTABLE MIG WELDING MACHINES FOR TOTAL CONTROL
ANYWHERE





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 ± 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
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
Operating temperature range	-20...+40 °C
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
Storage temperature range	-40...+60 °C



Master M 205 GM AU

Product code	MSM205GMAU
Sales package code	P519GXe3AU – Master M 205 GM AU, GXe 305 3,5 m P520GXe3AU – Master M 205 GM AU, GXe 305G 5 m P521CGXe3AU – Master M 205 GM AU, Master Cooler 05M, GXe 305W 3,5 m P522CGXe3AU – Master M 205 GM AU, Master Cooler 05M, GXe 305W 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
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
Operating temperature range	-20...+40 °C
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
Storage temperature range	-40...+60 °C



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 ± 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
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



ACCESSORIES

Master Cooler 05M

Product code	MSMC05M
Recommended coolant	MGP 4456 (Kemppi mixture)
Operating temperature range	-20...+40 °C
External dimensions LxWxH	555 x 253 x 215 mm
Weight (no accessories)	11.5 kg
Degree of protection	IP23S
Standards	IEC 60974-2, -10
Tank volume	2.3 l
EMC class	A
Cooling power	0.5 kW
Storage temperature range	-40...+60 °C

Flexlite TX - Master M

Product code	TX223GE4 (4 m) TX253WSE4 (4 m) TX353WE4 (4 m)
--------------	---

S10M Skies

Product code	S10M
--------------	------

T22M

Description	Transport carriage
Product code	T22M

T32A

Description	2-wheel light trolley
Product code	T32A

Master M 323 Rotameter Kit

Product code	SP024820
--------------	----------

Master M 205/323 Power Source Filter Kit

Product code	SP023492
--------------	----------

Cabinet Heater Kit

Product code	SP021614
--------------	----------



MMA Euro Connector 500A

Product code	SP801140
--------------	----------

WWW.KEMPPI.COM

Kemppi is the design leader in the arc welding industry. We are committed to boosting the quality and productivity of welding by continuous development of the welding arc and by working for a greener and more equal world. Kemppi supplies sustainable products, digital solutions, and services for professionals from industrial welding companies to single contractors. The usability and reliability of our products is our guiding principle. We operate with a highly skilled partner network covering over 70 countries to make its expertise locally available. Headquartered in Lahti, Finland, Kemppi employs close to 800 professionals in 16 countries and has a revenue of 195 MEUR in 2022.

