

X8 MIG Welder



BENEFITS

- Best arc characteristics for high speed and aluminum ([WiseFusion](#)), narrow gap ([RGT](#)), root pass ([WiseRoot+](#)), thin sheet ([WiseThin+](#)) and low spatter welding in globular transfer mode ([WiseSteel](#))
- Precisely controlled, upgradeable welding current up to 600 A
- Digital WPS feature allows the welder to quickly and easily access the WPSs
- Innovatively designed wire feeder ensures safe and ergonomic loading of filler wire spool
- Wire feeder's optional wire tensioning feature keeps wire feed steady in short repeated welds and with heavy wire spools
- Well-balanced welding guns with an ergonomic handle design make welding more comfortable and productive
- Improved arc ignition with [X8 MIG Guns'](#) Touch Sense Ignition feature
- Wire feeder and welding gun lighting enable working in dimly lit conditions
- Tool-free coolant filling with an integrated cooling unit
- Includes a fleet management service free of charge
- Native connectivity to WeldEye software modules [Welding Procedure and Qualification Management](#), [Welding Quality Management](#) and [Welding Production Analysis](#)

TECHNICAL SPECIFICATIONS

X8 Power Source 500

Product code	X8100501000 - X8 Power Source 500, cooler X8100501001 - X8 Power Source 500, cooler, CUSTOM (Work Pack + WiseFusion)
Connection voltage 3~ 50/60 Hz	380 - 460 V \pm 10 %
Fuse	32 A
Open circuit power (MMA) (without cooler and wire feeder, fans OFF)	44 - 53 W
Open circuit power (MMA) (without cooler and wire feeder, fans ON)	107 - 111 W
Open circuit power (MMA) (with cooler, without wire feeder, fans ON)	132 - 137 W
Output 60% ED	500 A
Output 100% ED	400 A
Welding current and voltage range, MIG @ 380 V	20A/14V - 500A/55V
Welding current and voltage range, MMA @ 380 V	15A/20V - 500A/57V
Recommended generator power (min)	35 kVA
Open circuit voltage MMA	50 V
Operating temperature range	-20...+40 °C

X8 Power Source 500

External dimensions LxWxH	921 x 348 x 795 mm
Weight (no accessories)	95 kg

Control Pad

Product code	X8400110001 (Spare part)
Wireless communication type	2.4 GHz Bluetooth
Typical battery operation time	15-24 h
Typical battery charging time	5 h
Typical wireless communication range	15 m
Wired communication type	USB
Display type	TFT LCD
Display size	5.7"
Operating temperature range	-20...+40 °C
External dimensions LxWxH	200 x 130 x 33 mm
Weight (no accessories)	0.89 kg
Degree of protection	IP54
Battery type	Li-ion

X8 Cooler

Product code	X8600000000
Rated cooling power at 1 l/min	1.4 kW
Rated cooling power at 1.6 l/min	1.9 kW
Recommended coolant	MPG 4456 (Kemppi mixture)
Operating temperature range	-10...+40 °C
Weight (no accessories)	15.5 kg
Degree of protection	IP23S
Tank volume	4 l
EMC class	A

X8 Wire Feeder

Product code	X8200000002 (X8200000001 with cabinet heater)
Wire feed mechanism	4-roll, twin-motor
Wire feed speed	0.5 - 25 m/min
Welding current 40 % ED, I2	600 A
Welding current 60 % ED, I2	530 A
Welding current 100 % ED, I2	440 A
Gun connection	Kemppi
Wire spool weight, max.	20 kg
Wire spool diameter, max.	300 mm
Filler wires, Ss	0.6 - 2.4 mm
Filler wires, Al	0.8 - 2.4 mm

X8 Wire Feeder

Filler wires, Fe	0.6 - 2.4 mm
Filler wires, MC/FC	0.8 - 2.4 mm
Wireless communication type	2.4 GHz Bluetooth
Operating temperature range	-20...+40 °C
External dimensions LxWxH	640 x 220 x 400 mm
Weight (no accessories)	11.2 kg
Degree of protection	IP23S
EMC class	A

Wire Feeder Rotating Plate

Product code	X8702010000
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X8 MIG Gun 520-w

Product code	X8 MIG Gun 520-w 3,5 m - X8300523500 X8 MIG Gun 520-w 5,0 m - X8300525000
Gun connection	Kemppi
Cooling	Liquid
Filler wires, Ss	0.8/0.9/1.0/1.2/1.4/1.6
Filler wires, Al	0.8/0.9/1.0/1.2/1.4/1.6
Filler wires, Fe	0.8/0.9/1.0/1.2/1.4/1.6
Filler wires, Fe-MC/FC	0.9/1.0/1.2/1.4/1.6
Filler wires, Ss-MC/FC	0.9/1.0/1.2/1.4/1.6
Load capacity @ 100 % (Mixed gas)	520
Neck angles	50
Changeable neck	No
Rotating neck	No
Pistol grip handle	Yes
Operating temperature range	-20...+40 °C
Standards	IEC 60974-7

X8 Wheel Set

Product code	X8701010000
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Interconnection Cable 2 m, water-cooled

Product code	X8800950200
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