

X5 FastMig Pulse

TECHNICAL SPECIFICATIONS

X5 FastMig Pulse Power sources 400 A	X5 Power Source 400 Pulse	X5 Power Source 400 Pulse WP	X5 Power Source 400 Pulse+	X5 Power Source 400 Pulse+ WP	X5 Power Source 400 MV Pulse+	X5 Power Source 400 MV Pulse+ WP
Product code	X5130400000	X5130400010	X5100400000	X5100400010	X5100400100	X5100400110
Connection voltage 3~ 50/60 Hz	380 - 460 ±10 %	380 - 460 ±10 %	380 - 460 ±10 %	380 - 460 ±10 %	220 - 230 ±10 % 380 - 460 ±10 %	220 - 230 ±10 % 380 - 460 ±10 %
Fuse	25 A	25 A	25 A	25 A	25 A @ [220 - 230 V]; 32 A @ [380 - 460 V]	25 A @ [220 - 230 V]; 32 A @ [380 - 460 V]
Output 40% ED					400 @ [220 - 230 V]	400 @ [220 - 230 V]
Output 60% ED	400 A	400 A	400 A	400 A	400 @ [380 - 460 V]	400 @ [380 - 460 V]
Output 100% ED	350 A	350 A	350 A	350 A	350 A	350 A
Rated power at max. current	20 kVA	20 kVA	20 kVA	20 kVA	19 kVA	19 kVA
Recommended generator power (min)	25 kVA	25 kVA	25 kVA	25 kVA	25 kVA	25 kVA
Welding current and voltage range, MIG	15 A/10 V ... 400 A/50V	15 A/10 V ... 400 A/50V	15 A/10 V ... 400 A/50V	15 A/10 V ... 400 A/50V	15 A/10 V ... 400 A/50V	15 A/10 V ... 400 A/50V
Welding current and voltage range, TIG	15 A/1 V ... 400 A/50V	15 A/1 V ... 400 A/50V	15 A/1 V ... 400 A/50V	15 A/1 V ... 400 A/50V	15 A/1 V ... 400 A/50V	15 A/1 V ... 400 A/50V
Welding current and voltage range, MMA	15 A/10 V ... 400 A/50V	15 A/10 V ... 400 A/50V	15 A/10 V ... 400 A/50V	15 A/10 V ... 400 A/50V	15 A/10 V ... 400 A/50V	15 A/10 V ... 400 A/50V
External dimensions LxWxH	750 x 263 x 456 mm	750 x 263 x 456 mm	750 x 263 x 456 mm	750 x 263 x 456 mm	750 x 263 x 456 mm	750 x 263 x 456 mm
Weight (no accessories)	39.5 kg	39.5 kg	39.5 kg	39.5 kg	39.5 kg	39.5 kg
Degree of protection	IP23S	IP23S	IP23S	IP23S	IP23S	IP23S
EMC class	A	A	A	A	A	A
Operating temperature range	-20...+40 °C	-20...+40 °C	-20...+40 °C	-20...+40 °C	-20...+40 °C	-20...+40 °C
Storage temperature range	-40...+60 °C	-40...+60 °C	-40...+60 °C	-40...+60 °C	-40...+60 °C	-40...+60 °C

X5 FastMig Pulse Power sources 500 A	X5 Power Source 500 Pulse	X5 Power Source 500 Pulse WP	X5 Power Source 500 Pulse+	X5 Power Source 500 Pulse+ WP
Product code	X5130500000	X5130500010	X5100500000	X5100500010
Connection voltage 3~ 50/60 Hz	380...460 V ±10 %	380...460 V ±10 %	380...460 V ±10 %	380...460 V ±10 %
Fuse	32 A	32 A	32 A	32 A
Output 60% ED	500 A	500 A	500 A	500 A
Output 100% ED	400 A	400 A	400 A	400 A
Rated power at max. current	27 kVA	27 kVA	27 kVA	27 kVA

X5 FastMig Pulse Power sources 500 A	X5 Power Source 500 Pulse	X5 Power Source 500 Pulse WP	X5 Power Source 500 Pulse+	X5 Power Source 500 Pulse+ WP
Recommended generator power (min)	35 kVA	35 kVA	35 kVA	35 kVA
Welding current and voltage range, MIG	15 A/10 V ... 500 A/50 V	15 A/10 V ... 500 A/50 V	15 A/10 V ... 500 A/50 V	15 A/10 V ... 500 A/50 V
Welding current and voltage range, TIG	15 A/1 V ... 500 A/50 V	15 A/1 V ... 500 A/50 V	15 A/1 V ... 500 A/50 V	15 A/1 V ... 500 A/50 V
Welding current and voltage range, MMA	15 A/10 V ... 500 A/50 V	15 A/10 V ... 500 A/50 V	15 A/10 V ... 500 A/50 V	15 A/10 V ... 500 A/50 V
External dimensions LxWxH	750 x 263 x 456 mm	750 x 263 x 456 mm	750 x 263 x 456 mm	750 x 263 x 456 mm
Weight (no accessories)	39.5 kg	39.5 kg	39.5 kg	39.5 kg
Degree of protection	P23S	P23S	P23S	P23S
EMC class	A	A	A	A
Operating temperature range	-20...+40 °C	-20...+40 °C	-20...+40 °C	-20...+40 °C
Storage temperature range	-40...+60 °C	-40...+60 °C	-40...+60 °C	-40...+60 °C

X5 FastMig Pulse

Wire feeders and Coolers	X5 Wire Feeder 300 AP	X5 Wire Feeder 300 APC	X5 Wire Feeder HD300 AP	X5 Wire Feeder HD300 APC	X5 Cooler	X5 Cooler MV
Product code	X5240300000	X5250300000	X5270300000	X5280300000	X5600000000	X5600000100
Wire feed mechanism	4-roll, single-motor	4-roll, single-motor	4-roll, single-motor	4-roll, single-motor		
Wire feed speed	0.5 ... 25 m/min	0.5 ... 25 m/min	0.5 ... 25 m/min	0.5 ... 25 m/min		
Rated cooling power at 1 l/min					1.1 kW	1.0 kW
Recommended coolant					MGP 4456 (Kemppi mixture)	MGP 4456 (Kemppi mixture)
Gun connection	Euro	Euro	Euro	Euro		
Wire spool weight, max.	20 kg	20 kg	20 kg	20 kg		
Wire spool diameter, max.	300 mm	300 mm	300 mm	300 mm		
Filler wires	Fe 0.8 ... 2.0 mm Ss 0.8 ... 2.0 mm Mc/Fc 0.8 ... 2.4 mm Al 0.8 ... 2.4 mm	Fe 0.8 ... 2.0 mm Ss 0.8 ... 2.0 mm Mc/Fc 0.8 ... 2.4 mm Al 0.8 ... 2.4 mm	Fe 0.8 ... 2.0 mm Ss 0.8 ... 2.0 mm Mc/Fc 0.8 ... 2.4 mm Al 0.8 ... 2.4 mm	Fe 0.8 ... 2.0 mm Ss 0.8 ... 2.0 mm Mc/Fc 0.8 ... 2.4 mm Al 0.8 ... 2.4 mm		
Diameter of feed rolls	32 mm	32 mm	32 mm	32 mm		
Shielding gas pressure (max)	0.5 MPa	0.5 MPa	0.5 MPa	0.5 MPa		
Welding current, 60 %	500 A	500 A	500 A	500 A		
Welding current, 100 %	430 A	430 A	430 A	430 A		
External dimensions LxWxH	650 x 230 x 410 mm	650 x 230 x 410 mm	670 x 240 x 465 mm	670 x 240 x 465 mm		

X5 FastMig Pulse**Wire feeders and Coolers**

	X5 Wire Feeder 300 AP	X5 Wire Feeder 300 APC	X5 Wire Feeder HD300 AP	X5 Wire Feeder HD300 APC	X5 Cooler	X5 Cooler MV
Weight (no accessories)	10.9 kg	10.9 kg	14.4 kg	14.4 kg	14.3 kg	15.7 kg
Degree of protection	IP23S	IP23S	IP23S	IP23S		
Tank volume					3 l	3 l
EMC class	A	A	A	A	A	A
Operating temperature range	-20...+40 °C	-20...+40 °C	-20...+40 °C	-20...+40 °C		
Storage temperature range	-40...+60 °C	-40...+60 °C	-40...+60 °C	-40...+60 °C	-40...+60 °C	-40...+60 °C
Operating temperature range (with recommended coolant)					-10...+40 °C	-10...+40 °C
Degree of protection (when mounted)					IP23S	IP23S