

X5 FastMig Auto

TECHNICAL SPECIFICATIONS

X5 FastMig Auto	X5 Power Source 400	X5 Power Source 400 WP	X5 Power Source 500	X5 Power Source 500 WP	X5 Wire Feeder 300 AP	X5 Wire Feeder 300 APC	X5 Wire Feeder HD300 AP	X5 Wire Feeder HD300 APC	X5 Cooler
Product code					X5240300000	X5250300000	X5270300000	X5280300000	X5600000000
Connection voltage 3~ 50/ 60 Hz	380...460 V ±10 %	380...460 V ±10 %	380...460 V ±10 %	380...460 V ±10 %					
Fuse	25 A	25 A	32 A	32 A					
Output 60% ED	400 A	400 A	500 A	500 A					
Output 100% ED	350 A	350 A	430 A	430 A					
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 power at max. current	20 kVA	20 kVA	27 kVA	27 kVA					
Recommended generator power (min)	25 kVA	25 kVA	35 kVA	35 kVA					
Rated cooling power at 1 l/ min									1.1 kW
Recommended coolant									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	
Welding current and voltage range, MIG	15 A/12 V ... 400 A/42 V	15 A/12 V ... 400 A/42 V	15 A/10 V ... 500 A/47 V	15 A/10 V ... 500 A/47 V					

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Welding current and voltage range, TIG	15 A/1 V ... 400 A/42 V	15 A/1 V ... 400 A/42 V	15 A/1 V ... 500 A/47 V	15 A/1 V ... 500 A/47 V					
Welding current and voltage range, MMA	15 A/10 V ... 400 A/42 V	15 A/10 V ... 400 A/42 V	15 A/10 V ... 500 A/47 V	15 A/10 V ... 500 A/47 V					
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	750 x 263 x 456 mm	750 x 263 x 456 mm	750 x 263 x 456 mm	750 x 263 x 456 mm	650 x 230 x 410 mm	650 x 230 x 410 mm	670 x 240 x 465 mm	670 x 240 x 465 mm	
Weight (no accessories)	39.0 kg	39.0 kg	39.5 kg	39.5 kg	10.9 kg	10.9 kg	14.4 kg	14.4 kg	14.3 kg
Degree of protection	IP23S	IP23S	IP23S	IP23S	IP23S	IP23S	IP23S	IP23S	
Tank volume									3 l
EMC class	A	A	A	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	-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	-40...+60 °C	-40...+60 °C	-40...+60 °C
Additional information		Includes WiseSteel and WiseFusion special process and X5 Work Pack 1-MIG with 32 welding programs.		Includes WiseSteel and WiseFusion special process and X5 Work Pack 1-MIG with 32 welding programs.					
Operating temperature range (with recommended coolant)									-10...+40 °C
Degree of protection (when mounted)									IP23S