

X5 FastMig Manual

TECHNICAL SPECIFICATIONS

X5 FastMig Manual	X5 Power Source 400	X5 Power Source 500	X5 Wire Feeder 300 Manual	X5 Wire Feeder 200 Manual	X5 Wire Feeder HD300 M	X5 Cooler
Product code					X5260300000	X5600000000
Connection voltage 3~ 50/60 Hz	380...460 V ±10 %	380...460 V ±10 %				
Fuse	25 A	32 A				
Output 60% ED	400 A	500 A				
Output 100% ED	350 A	430 A				
Wire feed mechanism			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	
Rated power at max. current	20 kVA	27 kVA				
Recommended generator power (min)	25 kVA	35 kVA				
Rated cooling power at 1 l/min						1.1 kW
Recommended coolant						MGP 4456 (Kemppi mixture)
Gun connection			Euro	Euro	Euro	
Wire spool weight, max.			20.0 kg	5.0 kg	20 kg	
Wire spool diameter, max.			300 mm	200 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 ... 1.6 mm Ss 0.8 ... 1.6 mm Mc/Fc 0.8 ... 2.0 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	
Welding current and voltage range, MIG	15 A/12 V ... 400 A/42 V	15 A/10 V ... 500 A/47 V				
Welding current and voltage range, TIG	15 A/1 V ... 400 A/42 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 ... 500 A/47 V				
Shielding gas pressure (max)			0.5 MPa	0.5 MPa	0.5 MPa	
Welding current, 60 %			500 A	500 A	500 A	
Welding current, 100 %			430 A	430 A	430 A	
External dimensions LxWxH	750 x 263 x 456 mm	750 x 263 x 456 mm	650 x 230 x 410 mm	565 x 218 x 339 mm	670 x 240 x 465 mm	

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Weight (no accessories)	39.0 kg	39.5 kg	10.9 kg	9.7 kg	14.4 kg	14.3 kg
Degree of protection	IP23S	IP23S	IP23S	IP23S	IP23S	
Tank volume						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	-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
Degree of protection (when mounted)						IP23S