

A3 MIG Rail System 2500



BENEFITS

- Unique Kemppi application software significantly improves the production efficiency
- Save setup time using a battery operated model
- No cable costs
- Lightweight carriage is easy to move around and lift on the rail
- No connection to another power supply needed
- Battery capacity for 8-hour operation
- Battery is an industry standard version and commonly available
- Easy-to-use. Simple operation with speed adjustment and change of direction.
- Saves time in preparation and welding because the equipment is also suitable for thermal cutting.
- Operates on the same flexible aluminum rails as A5 MIG Rail System 2500
- Digital control panel enables faster and more intuitive set-up.
- Rapid speed function returns the equipment back to starting point. Welding length presetting contributes to accurate result.

TECHNICAL SPECIFICATIONS

FastMig M 420 Power source

Product code	6132420
Connection voltage 3~ 50/60 Hz	400 V -15...+20%
Fuse (delayed)	35A
Minimum generator power	20kVA (60%) 18kVA (100%)
Welding range	MMA - 15 A/20 V – 420 A/44 V MIG 20 A/12 V – 420 A/44 V U0 = 50 - 58 V
Output 60% ED	420 A
Output 100% ED	380 A
Rated power 60% ED	20 KVA
Rated power 100% ED	18 kVA
Max. welding voltage	45 V
Open circuit voltage MMA	U0 = 48 – 53 V, Uav = 50 V
Open circuit voltage MIG/MAG	U0 = 80–98V
Idle power	25 W
Efficiency at max. current	89 %
Power factor at max. current	0.87

FastMig M 420 Power source

Welding current and voltage range, MIG	20 A/12 V – 420 A/44 V
Welding current and voltage range, MMA	15 A/20 V – 420 A/44 V
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	590 × 230 × 430 mm
Weight (no accessories)	35 kg
Degree of protection	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10
Storage temperature range	-40 ... +60 °C

MXF 65 EL Wire feeder

Product code	6152100EL
Output 60% ED	520 A
Output 100% ED	440 A
Wire feed mechanism	4-roll
Wire feed speed	0 – 25 m/min
Wire spool weight, max.	20 kg
Wire spool diameter, max.	300 mm
Filler wires, Ss	0.6 – 1.6 mm
Filler wires, Al	1.0 – 2.4 mm
Filler wires, Fe	0.6 – 1.6 mm
Diameter of feed rolls	32 mm
Filler wires, Cored wire	0.8 – 2.0 mm
External dimensions	620 × 210 × 445 mm
Weight	11.1 kg

A3 MIG Rail Welding Carriage

Product code	6190725
Power	18 VDC (battery)
Battery operation time	8 h
Carriage speed	5 - 100 cm/min
Rail length	2500 mm
External dimensions (Height from plate surface)	330 × 290 × 250 mm
Weight (Including battery)	6.1 kg
Battery type	BL1840

MMT 42C

Product code	4,5 m - 6254207
Cooling	Gas
Filler wires	0.8...1.6 mm
Load capacity, Ar + CO ₂ (100%)	350A