

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

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|--|--|
| 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

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|---------------------------|--------------------|
| 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

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|---|--------------------|
| 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 + CO2 (100%) | 350A |