

A5 MIG Rail System 2500



BENEFITS

- Fewer human errors affecting the arc movement
- Increased welding productivity
- Light and durable Remote Control Unit makes operation simple and fast
- Easy to use and quick to set up. Save time, costs, and repair work with the easy-to-use user interface and integrated power supply.
- Fast setup time with light, strong, and flexible 2.5 m aluminum rails that can be bent to any curved surfaces, including pipes.
- Magnetic fixing of rails significantly saves set up and reinstallation time Vacuum suction cups available for non-magnetic materials.
- Multiple weaving patterns possible with integrated Weaving Unit
- Can be used in any welding position.
- Flexible adjustment of the tilt and push/pull angle enabled by the welding gun holder
- Significant savings with Kemppi Reduced Gap Technology (RGT), more information www.kemppi.com

TECHNICAL SPECIFICATIONS

A5 MIG Rail Welding Carriage

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| Product code | 6190700 6190730 (-ES Model) 6190732 (-ES DD Model) |
| Carriage speed | 5 - 150 cm/min 5 – 150 cm/min |
| Input power | 30 - 55 V DC or 24 - 50 V AC 30 – 55 V DC or 24 – 50 V AC |
| Transport speed | 200 cm/min 200 cm/min |
| Weaving speed | 10 - 50 mm/s 10 – 50 mm/s |
| Weaving width | 0 - 30 mm 0 - 30 mm |
| Weaving displacement | ± 40 mm ± 40 mm |
| Dwell time (Adjustable on both sides separately) | 0 - 2.0 s |
| Weaving patterns | 3 3 |
| Torch horizontal adjustment (manual) | ± 40 mm ± 40 mm |
| External dimensions LxWxH | 365 x 217 x 255 mm |
| Weight | 7.3 kg 7.3 kg |

Rail 2500

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| Product code | 6190710 |
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A5 MIG Rail quick extension bracket

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| Product code | 6190702 |
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A5 MIG Rail magnet attachment 8 PCS

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| Product code | 6190703 |
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FastCool 10

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| Product code | 6068100 |
| Cooling liquid | 20% – 40 % etanol/water |
| Operating voltage | 400V -15%...+20% |
| Connection capacity | 250 W (100 %) |
| Start pressure, max | 0.4 MPa |
| Degree of protection | IP23S |
| Tank volume | ca. 3 l |
| External dimensions | 570 x 230 x 280 mm |
| EMC class | A |
| Cooling power | 1 kW |
| Operating temperature range | -20 ... +40 °C |
| Storage temperature range | -40 ... +60 °C |
| Weight | 11 kg |

FastMig M 420 Power source

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|--------------------------------|--|
| 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 U ₀ = 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 | U ₀ = 48 – 53 V, U _{av} = 50 V |
| Open circuit voltage MIG/MAG | U ₀ = 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 |
| 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 |
| Operating temperature range | -20 ... +40 °C |
| Storage temperature range | -40 ... +60 °C |

FastMig MS 300 control panel

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| Product code | 6136400 |
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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 |

MMT 42C

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

A5 weaving tilt bracket

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| Product code | 6190708 |
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A5 weaving turn bracket

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| Product code | 6190709 |
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A5 torch floating head

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| Product code | 6190711 |
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A5 carriage carrying and storage box

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| Product code | 6190717 |
| External dimensions LxWxH | 555 x 285 x 300 mm |