

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

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

Rail 2500

Product code	6190710
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A5 MIG Rail quick extension bracket

Product code	6190702
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A5 MIG Rail magnet attachment 8 PCS

Product code	6190703
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FastCool 10

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
Operating temperature range	-20 ... +40 °C
Degree of protection	IP23S
Tank volume	ca. 3 l
External dimensions	570 x 230 x 280 mm
EMC class	A
Cooling power	1 kW
Storage temperature range	-40 ... +60 °C
Weight	11 kg

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	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
Welding current and voltage range, Stick (MMA)	15 A/20 V – 420 A/44 V
Idle power	25 W
Efficiency at max. current	89 %
Power factor at max. current	0.87
Welding current and voltage range, MIG	20 A/12 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

FastMig M 420 Power source

Storage temperature range	-40 ... +60 °C
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MXF 65 EL Wire feeder

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

MMT 42C

Product code	3 m - 6254205 4,5 m - 6254207
Cooling	Gas
Filler wires	0.8...1.6 mm
Load capacity, Ar + CO ₂ (100%)	350A

A5 weaving tilt bracket

Product code	6190708
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A5 weaving turn bracket

Product code	6190709
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A5 torch floating head

Product code	6190711
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A5 carriage carrying and storage box

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