

Product catalogue

Mechanized Welding



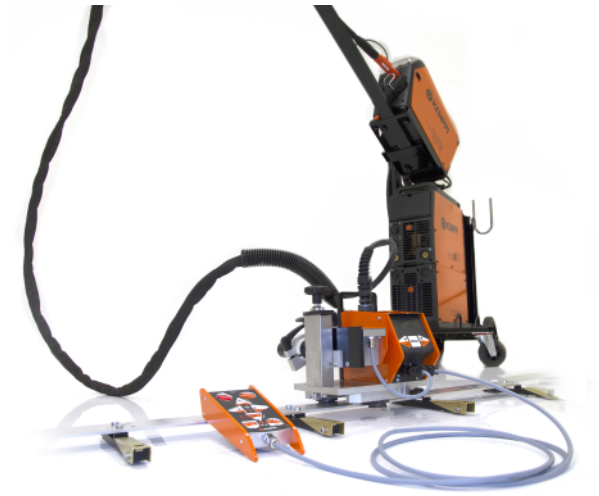


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A5 MIG Rail System 2500



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 Kempfi Reduced Gap Technology (RGT), more information www.kempfi.com

OVERVIEW

A5 MIG Rail System 2500 is the most cost efficient way to improve productivity in mechanized MIG/MAG welding. The system has an inbuilt weaving and rail fastening mechanism with magnets or with vacuum suction cups. With the system you can achieve significant savings for all applications where the weld lengths exceed 2 m or in case of multi-layer welds. In mechanized welding, the welding carriage carries the gun (instead of being held in the operator's hand), making the arc movement accurate and steady. The setup includes the FastMig M 420, a top of the line welder with unique WISE welding application software. The smart WISE processes provide significant improvements in welding production efficiency.

RECOMMENDED WELDERS

FastMig M 420 Power source

FastMig MS 300 control panel

MXF 65 EL Wire feeder

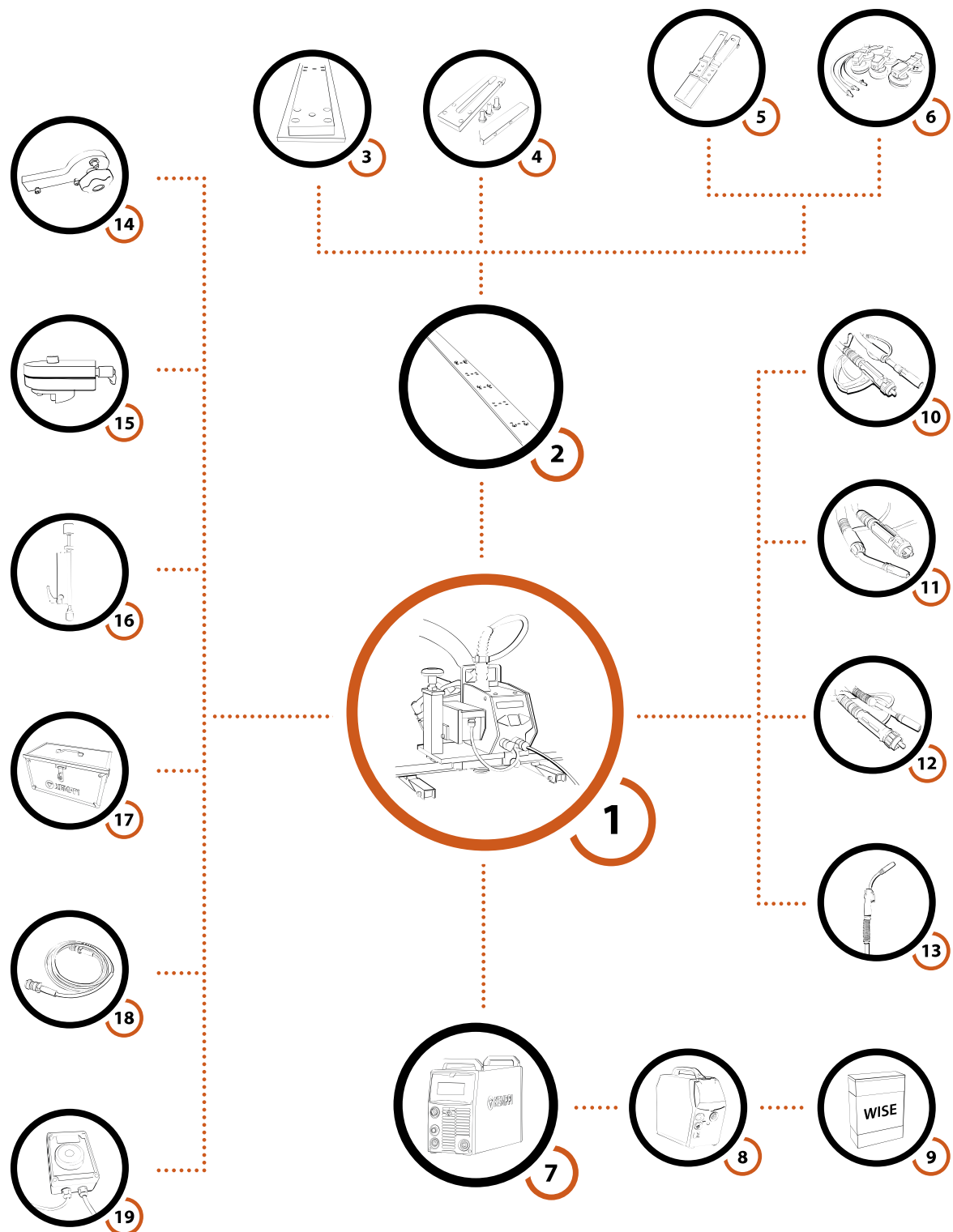
RECOMMENDED SOFTWARE

WisePenetration

WiseFusion



SYSTEM SETUP





① A5 MIG Rail Welding Carriage



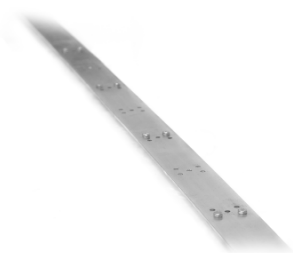
TECHNICAL OVERVIEW

Lightweight carriage with a step motor for precise movement. Integrated weaving unit, gun holder clamps, OLED display and easy-to-use interface. Socket for a remote controller. Also suitable for orbital welding with outer diameters greater than 1.5 m. ES-model equipped with electric gun height control. Includes A5 MIG remote control unit. DD-model equipped with double display to allow viewing at any direction.

TECHNICAL SPECIFICATIONS

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

② Rail 2500



TECHNICAL OVERVIEW

A 2.5-meter aluminum rail for the rail carriages. Contains holes for magnetic or suction cup brackets. Does not include the actual fixing brackets. Rail can be bent according to work piece shape within material restrictions. The rail can be bent around items with diameter greater than 1.5 m. Deforming the rail is on customer's responsibility.

TECHNICAL SPECIFICATIONS

Product code	6190710
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3 A5 Stiffener bar for flex rail



TECHNICAL OVERVIEW

The stiffener bar is a 40 x10mm aluminium bar bolted together with the flex rail to make it stiffer if not mounted on curved surface.

TECHNICAL SPECIFICATIONS

Product code	6190741
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4 A5 MIG Rail quick extension bracket



TECHNICAL OVERVIEW

Bracket for joining two rails together. Quick and tool-free operation.

TECHNICAL SPECIFICATIONS

Product code	6190702
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5 A5 MIG Rail magnet attachment 8 PCS



TECHNICAL OVERVIEW

Kit containing 8 magnet pairs for attachment of 2.5-meter rail section. Equipped with quick release levers. Allowed to be used for work pieces with temperature less than 150°C. Number of magnet pairs per rail section depends on the application. Clamping force of the magnets can be affected by their aging, the temperature cycles and direct mechanical impacts, the base material type and the surface quality.

TECHNICAL SPECIFICATIONS

Product code	6190703
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6 A5 Rail vacuum attachment 4 PCS



TECHNICAL OVERVIEW

Vacuum kit consisting 4 vacuum suction cup pairs for rail attachment to non-magnetic surfaces (Aluminum, stainless steel etc.)

TECHNICAL SPECIFICATIONS

Product code	6190719 - Standard (-40 - 110°C)
	6190704 - Hi temp (-70 - 200°C)

7 FastMig M 420 Power source



TECHNICAL OVERVIEW

The FastMig M 420 is a top performance multi-purpose power source, suitable for many applications. This unit is made for those who are looking to optimize welding productivity and quality.

Alternative:

- FastMig M320 - product code 6132320
- FastMig M420 MV - product code 6132423
- FastMig M520 - product code 6132520

TECHNICAL SPECIFICATIONS

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 = 50 – 58 V
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
Storage temperature range	-40 ... +60 °C

7 FastCool 10



TECHNICAL OVERVIEW

FastCool 10 is a cooling unit designed for FastMig M welding equipment.

TECHNICAL SPECIFICATIONS

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

8 MXF 65 EL Wire feeder



TECHNICAL OVERVIEW

Flexibility and performance for all welding applications in today's medium and heavy industries. This unit is compatible with 300 mm spool and is covered in an aluminum casing.

Alternative:

- MXF 63 - product code 6152300
- MXF 63 EL - product code 6152300EL
- MXF 65 - product code 6152100
- MXF 67 - product code 6152200
- MXF 67 EL - product code 6152200EL

TECHNICAL SPECIFICATIONS

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

8 FastMig MS 300 control panel



TECHNICAL OVERVIEW

MS control panel, which includes easy-to-use synergic functionality and a rich selection of additional features for optimizing your welding work. These packages are suitable for professional use in more demanding industrial applications. This panel is for for MXF 65 EL and MXF 67 EL wire feeders.

TECHNICAL SPECIFICATIONS

Product code	6136400
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9 WiseFusion



BENEFITS

- Higher welding speed
- Lower heat input resulting in less distortion and better mechanical properties of the weld
- Possibility to weld narrower and deeper grooves
- Excellent weld pool control in position welding
- Easy to weld in all positions
- Automatic arc length control granting always the right parameters
- Easy to use
- Uniform weld quality

TECHNICAL SPECIFICATIONS

Product code	9991014
	X8500000 - X8 MIG Welder



9 WisePenetration



BENEFITS

Ensured penetration even in case of:

- Narrow structures where visibility of the arc is a problem
- Limited visibility or accessibility
- Position welding
- Difficult-to-weld joints

TECHNICAL SPECIFICATIONS

Product code	9991000
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10 MT51MWC



TECHNICAL OVERVIEW

Kemppi welding gun for mechanization. Water-cooled, 500 A at 100 % duty cycle. For heavy-duty applications. The gun is equipped with 7pin Amphenol connectors that provide power supply and remote control through the gun, without any additional cables.

TECHNICAL SPECIFICATIONS

Product code	4,5 m - 6255162 6,0 m - 6255163
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11 MMT MN 32C



TECHNICAL OVERVIEW

Kemppi welding gun for mechanization. Includes the wire liner, neck, gas nozzle and contact tip holder. Gas-cooled, 260 A at 100 % duty cycle. Necks and consumables compatible with the model PMT MN. The gun is equipped with 7pin Amphenol connectors that provide power supply and remote control through the gun, without any additional cables.

Additional:

- Narrow gap gas nozzle PMT27/32 - product code W008123
- Narrow gap contact tip 1.2 M6 - product code W008124
- Narrow gap contact tip 1.0 M6 - product code W008333

TECHNICAL SPECIFICATIONS

Product code	6250405
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12 MMT 42C



TECHNICAL OVERVIEW

Kemppi welding gun for mechanization. Includes the wire liner, neck, gas nozzle and contact tip holder. Gas-cooled, 350 A at 100 % duty cycle. Consumables compatible with the model PMT/MMT. The gun is equipped with 7pin Amphenol connectors that provide power supply and remote control through the gun, without any additional cables.

TECHNICAL SPECIFICATIONS

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

13 MMT/PMT gun range



BENEFITS

- 34 model variants from 250 A to 500 A
- The low fatigue comfort grip and balance limits wrist loading
- Performance liners, nozzles, and contact tips
- Available in either 3 m or 4.5 m lengths
- Gas-cooled and water-cooled models
- Excellent cooling performance
- Strong construction and easy to maintain
- Euro connector for fast fitting
- Guns can be used with Kemppi A5 & MagTrac carriages with additional carriage control cable (6190716)

TECHNICAL SPECIFICATIONS

PMT gun range - gas cooled	PMT 25	PMT 27	PMT 32	PMT 35	PMT 42	
Product code	6252513	6252713	6253213	6253513	6254213	
Cooling	Gas	Gas	Gas	Gas	Gas	
Filler wires	0.6...1.2 mm	0.6...1.2 mm	0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm	
Lenght / ordering code 3m	6252513	6252713	6253213	6253513	6254213	
Lenght / ordering code 4.5m	6252514	6252714	6253214	6253514	6254214	
Load capacity, Ar + CO2 (35%)	250 A	270 A	320 A	350 A	420 A	
PMT gun range water cooled		PMT 30W	PMT 42W	PMT 52W		
Product code	6253043		6254203	6255203		
Cooling	Water		Water	Water		
Filler wires	0.8...1.6 mm		0.8...1.6 mm	0.8...1.6 mm		
Lenght / ordering code 3m	6253043		6254203	6255203		
Lenght / ordering code 4.5m	6253044		6254204	6255204		
Load capacity, Ar + CO2 (100%)	300 A		400 A	500 A		
MMT gun range - gas cooled	MMT 25	MMT 27	MMT 32	MMT 35	MMT 42	MMT 42C
Product code	625213MMT	6252713MMT	6253213MMT	6253513MMT	624213MMT	6254205



MMT gun range - gas cooled	MMT 25	MMT 27	MMT 32	MMT 35	MMT 42	MMT 42C
Cooling	Gas	Gas	Gas	Gas	Gas	Gas
Filler wires	0.6...1.2 mm	0.6...1.2 mm	0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm
Lenght / ordering code 3m	625213MMT	6252713MMT	6253213MMT	6253513MMT	624213MMT	6254205
Lenght / ordering code 4.5m	6252514MMT	6252714MMT	6253214MMT	6253514MMT	6254214MMT	6254207
Load capacity, Ar + CO2 (35%)	250 A	270 A	320 A	350 A	420 A	
Load capacity, Ar + CO2 (100%)						350A

MMT gun range - water cooled	MMT 30W	MMT 42W	MMT 52W
Product code	6253043MMT	6254203MMT	6255203MMT
Cooling	Water	Water	Water
Filler wires	0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm
Lenght / ordering code 3m	6253043MMT	6254203MMT	6255203MMT
Lenght / ordering code 4.5m	6253044MMT	6254204MMT	6255204MMT
Load capacity, Ar + CO2 (100%)	300 A	400 A	500 A

14 A5 weaving tilt bracket



TECHNICAL OVERVIEW

Tilts weaving shaft angle. Allows tilting of weaving shaft to match weaving motion with ie. filler welds that require weaving. For model numbers 6190700, 6190730 and 6190732.

TECHNICAL SPECIFICATIONS

Product code	6190708
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15 A5 weaving turn bracket



TECHNICAL OVERVIEW

Turns weaving shaft horizontally to selected angle. For model numbers 6190700, 6190730 and 6190732.

TECHNICAL SPECIFICATIONS

Product code	6190709
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16 A5 torch floating head



TECHNICAL OVERVIEW

Floating torch head accessory for A5 MIG Rail and A5 MIG Orbital systems. Tracks the surface of work piece mechanically to keep stick-out length constant.

TECHNICAL SPECIFICATIONS

Product code	6190711
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17 A5 carriage carrying and storage box



TECHNICAL OVERVIEW

Plywood storage box for A5 MIG Carriages.

TECHNICAL SPECIFICATIONS

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

18 A5 MIG carriage control cable



TECHNICAL OVERVIEW

Control cable to be used in setups that do not include the special Kemppe welding gun for mechanization. Connected between the carriage and the FastMig wire feeder's remote control connector.

TECHNICAL SPECIFICATIONS

Product code	6190716
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19 A5 MIG carriage transformer



TECHNICAL OVERVIEW

Transformer for powering A5 MIG Carriages when using a non-FastMig power source.

TECHNICAL SPECIFICATIONS

Product code

6190714



ADDITIONALS

SuperSnake GT 02SC 15 m

61531501

Synchronized gas cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)

SuperSnake GT 02SWC 15 m

61541501

Synchronized water cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)

SuperSnake GT 02SWC-70 20 m

61542001

Synchronized water cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)

SuperSnake GT 02SWC 25 m

61542501C1

Synchronized water cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)



A3 MIG Rail System 2500



BENEFITS

- Unique Kempki 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

OVERVIEW

A3 MIG Rail System 2500 is a simple and compact battery-driven solution for mechanized MIG welding and thermal cutting for applications where weaving is not needed. In mechanized welding, instead of welding by hand, the welding carriage carries the gun, making the arc movement steady. The handy system is an easy and cost effective choice for weld lengths exceeding 2 m as well as multi-layer welds. It is suitable for welding thick plates in medium-to-heavy industries, e.g. in shipbuilding, offshore, and general fabrication. The system can also be used for plasma or oxy-fuel cutting. The smart WiseFusion process provides significant additional improvements in welding production efficiency.

RECOMMENDED WELDERS

FastMig M 420 Power source

MXF 65 EL Wire feeder

FastMig MS 300 control panel

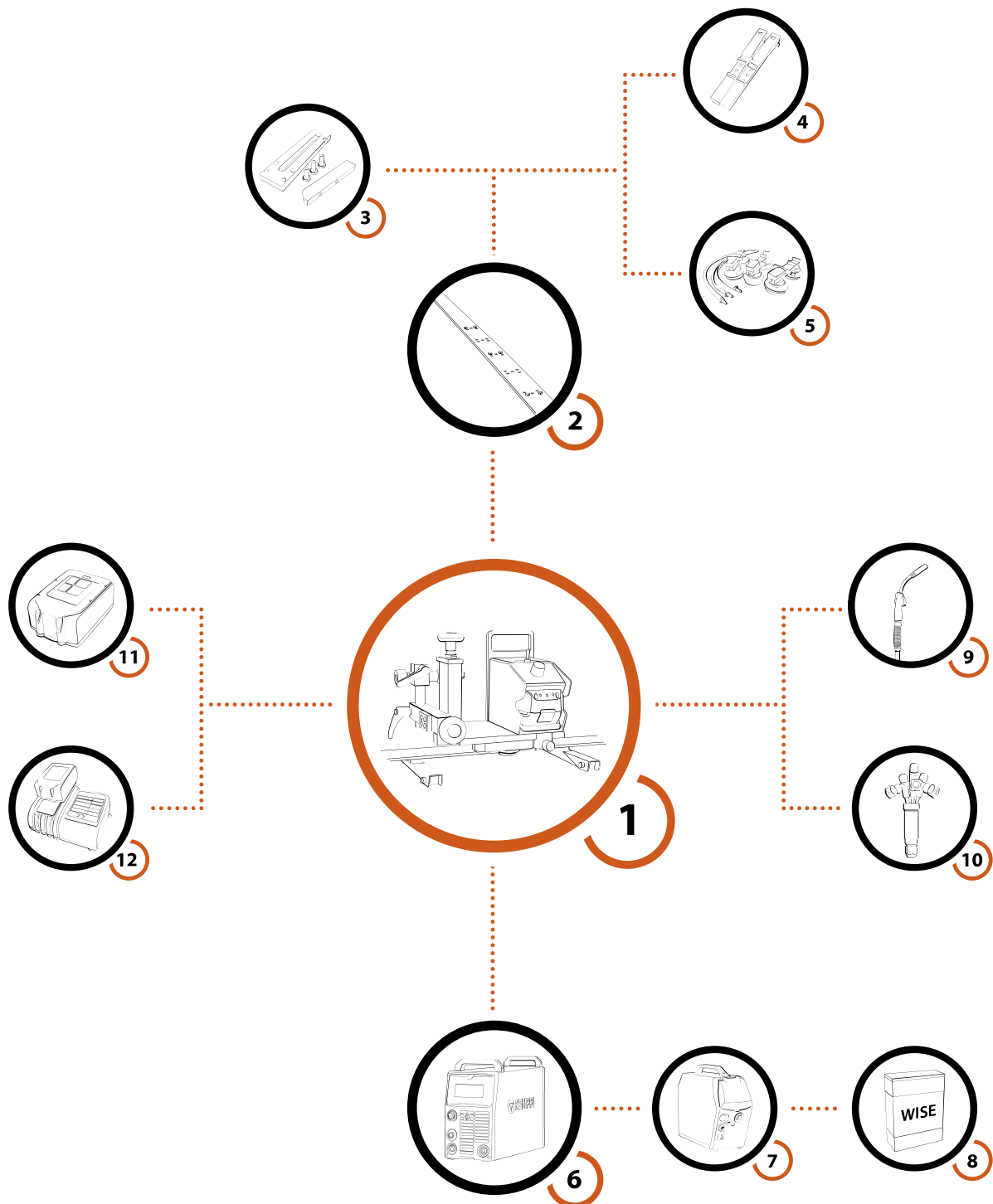
RECOMMENDED SOFTWARE

WisePenetration

WiseFusion



SYSTEM SETUP





① A3 MIG Rail Welding Carriage



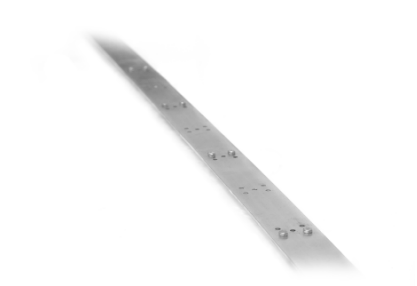
TECHNICAL OVERVIEW

The welding carriage is equipped with a simple user interface for controlling the carriage functions. The carriage draws its driving power from an integrated battery, so there's no need for an external power connection

TECHNICAL SPECIFICATIONS

Product code	6190725
Power	18 VDC (battery)
Battery type	BL1840
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

② Rail 2500



TECHNICAL OVERVIEW

A 2.5-meter aluminum rail for the rail carriages. Contains holes for magnetic or suction cup brackets. Does not include the actual fixing brackets. Rail can be bent according to work piece shape within material restrictions. The rail can be bent around items with diameter greater than 1.5 m. Deforming the rail is on customer's responsibility.

TECHNICAL SPECIFICATIONS

Product code	6190710
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③ A5 MIG Rail quick extension bracket



TECHNICAL OVERVIEW

Bracket for joining two rails together. Quick and tool-free operation.

TECHNICAL SPECIFICATIONS

Product code	6190702
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4 A5 MIG Rail magnet attachment 8 PCS



TECHNICAL OVERVIEW

Kit containing 8 magnet pairs for attachment of 2.5-meter rail section. Equipped with quick release levers. Allowed to be used for work pieces with temperature less than 150°C. Number of magnet pairs per rail section depends on the application. Clamping force of the magnets can be affected by their aging, the temperature cycles and direct mechanical impacts, the base material type and the surface quality.

TECHNICAL SPECIFICATIONS

Product code	6190703
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5 A5 Rail vacuum attachment 4 PCS



TECHNICAL OVERVIEW

Vacuum kit consisting 4 vacuum suction cup pairs for rail attachment to non-magnetic surfaces (Aluminum, stainless steel etc.)

TECHNICAL SPECIFICATIONS

Product code	6190719 - Standard (-40 - 110°C) 6190704 - Hi temp (-70 - 200°C)
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6 FastMig M 420 Power source



TECHNICAL OVERVIEW

The FastMig M 420 is a top performance multi-purpose power source, suitable for many applications. This unit is made for those who are looking to optimize welding productivity and quality.

Alternative:

- FastMig M320 - product code 6132320
- FastMig M420 MV - product code 6132423
- FastMig M520 - product code 6132520

TECHNICAL SPECIFICATIONS

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	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	U ₀ = 48 – 53 V, U _{av} = 50 V
Open circuit voltage MIG/MAG	U ₀ = 50 – 58 V
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
Storage temperature range	-40 ... +60 °C

6 FastCool 10



TECHNICAL OVERVIEW

FastCool 10 is a cooling unit designed for FastMig M welding equipment.

TECHNICAL SPECIFICATIONS

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



7 MXF 65 EL Wire feeder



TECHNICAL OVERVIEW

Flexibility and performance for all welding applications in today's medium and heavy industries. This unit is compatible with 300 mm spool and is covered in an aluminum casing.

Alternative:

- MXF 63 - product code 6152300
- MXF 63 EL - product code 6152300EL
- MXF 65 - product code 6152100
- MXF 67 - product code 6152200
- MXF 67 EL - product code 6152200EL

TECHNICAL SPECIFICATIONS

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

7 FastMig MS 300 control panel



TECHNICAL OVERVIEW

MS control panel, which includes easy-to-use synergic functionality and a rich selection of additional features for optimizing your welding work. These packages are suitable for professional use in more demanding industrial applications. This panel is for for MXF 65 EL and MXF 67 EL wire feeders.

TECHNICAL SPECIFICATIONS

Product code	6136400
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8 WiseFusion



BENEFITS

- Higher welding speed
- Lower heat input resulting in less distortion and better mechanical properties of the weld
- Possibility to weld narrower and deeper grooves
- Excellent weld pool control in position welding
- Easy to weld in all positions
- Automatic arc length control granting always the right parameters
- Easy to use
- Uniform weld quality

TECHNICAL SPECIFICATIONS

Product code	9991014
	X8500000 - X8 MIG Welder

8 WisePenetration



BENEFITS

Ensured penetration even in case of:

- Narrow structures where visibility of the arc is a problem
- Limited visibility or accessibility
- Position welding
- Difficult-to-weld joints

TECHNICAL SPECIFICATIONS

Product code	9991000
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9 MMT/PMT gun range



BENEFITS

- 34 model variants from 250 A to 500 A
- The low fatigue comfort grip and balance limits wrist loading
- Performance liners, nozzles, and contact tips
- Available in either 3 m or 4.5 m lengths
- Gas-cooled and water-cooled models
- Excellent cooling performance
- Strong construction and easy to maintain
- Euro connector for fast fitting
- Guns can be used with Kemppi A5 & MagTrac carriages with additional carriage control cable (6190716)

TECHNICAL SPECIFICATIONS

PMT gun range - gas cooled	PMT 25	PMT 27	PMT 32	PMT 35	PMT 42
Product code	6252513	6252713	6253213	6253513	6254213
Cooling	Gas	Gas	Gas	Gas	Gas
Filler wires	0.6...1.2 mm	0.6...1.2 mm	0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm
Length / ordering code 3m	6252513	6252713	6253213	6253513	6254213
Length / ordering code 4.5m	6252514	6252714	6253214	6253514	6254214



PMT gun range - gas cooled	PMT 25	PMT 27	PMT 32	PMT 35	PMT 42	
Load capacity, Ar + CO2 (35%)	250 A	270 A	320 A	350 A	420 A	
PMT gun range water cooled		PMT 30W	PMT 42W	PMT 52W		
Product code	6253043		6254203	6255203		
Cooling	Water		Water	Water		
Filler wires	0.8...1.6 mm		0.8...1.6 mm	0.8...1.6 mm		
Lenght / ordering code 3m	6253043		6254203	6255203		
Lenght / ordering code 4.5m	6253044		6254204	6255204		
Load capacity, Ar + CO2 (100%)	300 A		400 A	500 A		
MMT gun range - gas cooled	MMT 25	MMT 27	MMT 32	MMT 35	MMT 42	MMT 42C
Product code	625213MMT	6252713MMT	6253213MMT	6253513MMT	624213MMT	6254205
Cooling	Gas	Gas	Gas	Gas	Gas	Gas
Filler wires	0.6...1.2 mm	0.6...1.2 mm	0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm
Lenght / ordering code 3m	625213MMT	6252713MMT	6253213MMT	6253513MMT	624213MMT	6254205
Lenght / ordering code 4.5m	6252514MMT	6252714MMT	6253214MMT	6253514MMT	6254214MMT	6254207
Load capacity, Ar + CO2 (35%)	250 A	270 A	320 A	350 A	420 A	
Load capacity, Ar + CO2 (100%)						350A
MMT gun range - water cooled		MMT 30W	MMT 42W	MMT 52W		
Product code	6253043MMT		6254203MMT	6255203MMT		
Cooling	Water		Water	Water		
Filler wires	0.8...1.6 mm		0.8...1.6 mm	0.8...1.6 mm		
Lenght / ordering code 3m	6253043MMT		6254203MMT	6255203MMT		
Lenght / ordering code 4.5m	6253044MMT		6254204MMT	6255204MMT		
Load capacity, Ar + CO2 (100%)	300 A		400 A	500 A		

10 Machine cutting torch



TECHNICAL OVERVIEW

Item includes three tubes with 3 valves. Inlet threads 9/16x18 UNF. Product is suitable for following gasses Oxy-natural Gas/Methane, Oxy-propane/Butane and Oxy-propylene. Cutting tips sold separately.

TECHNICAL SPECIFICATIONS

Product code	SP800679
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11 Battery



TECHNICAL OVERVIEW

Battery 18V / 4Ah.

TECHNICAL SPECIFICATIONS

Product code	9755706
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12 Battery charger



TECHNICAL OVERVIEW

Suitable for battery code 9755706.

TECHNICAL SPECIFICATIONS

Product code	Charger 7.2 - 18V EU - 9777582
	Charger 7.2 - 18V UK - 9777583
	Charger 7.2 - 18V AU - 9777584
	Charger 7.2 - 18V DK - 9777585
	Charger 7.2 - 18V CN - 9777586



ADDITIONALS

SuperSnake GT02SW, 10 m

6154100

Synchronized water cooled subfeeder system for long distances. Requires MXF synchronization kit (W004030).

SuperSnake GT02SW, 15 m

6154150

Synchronized water cooled subfeeder system for long distances. Requires MXF synchronization kit (W004030).

SuperSnake GT02SW, 20 m

6154200

Synchronized water cooled subfeeder system for long distances. Requires MXF synchronization kit (W004030).

SuperSnake GT02SW, 25 m

6154250

Synchronized water cooled subfeeder system for long distances. Requires MXF synchronization kit (W004030).

SuperSnake GT02S, 10 m

6153100

Synchronized gas cooled subfeeder system for long distances. Requires MXF synchronization kit (W004030).

SuperSnake GT02S, 15 m

6153150

Synchronized gas cooled subfeeder system for long distances. Requires MXF synchronization kit (W004030).

SuperSnake GT02S, 20 m

6153200

Synchronized gas cooled subfeeder system for long distances. Requires MXF synchronization kit (W004030).

SuperSnake GT02S, 25 m

6153250

Synchronized gas cooled subfeeder system for long distances. Requires MXF synchronization kit (W004030).



MagTrac F 61



BENEFITS

- Increased welding productivity and quality
- Improved safety and ergonomics
- Connects to Kemppi FastMig M & X welding equipment
- Power supply and all necessary cables fully integrated in one cable for easy setup - no need for extra cables or transformers
- Only the welding gun needed between the carriage and wire feeder
- Compatible with SuperSnake subfeeder for extra 25 m reach
- Compatible with Wise welding processes for increased productivity and quality
- LCD control panel with a 180° reversible display
- Includes Kemppi's unique gun quick-fixing mechanism
- Extensive selection of functions such as Cycle Weld, Wire Inch and Gas Test
- Welding value and memory channel selection at the carriage control panel

OVERVIEW

Light mechanization is the most efficient way of improving welding productivity at shipyards and metal workshops. **MagTrac F 61** offers easy start-up in mechanized welding and requires no special expertise, as it is operated similar to any ordinary welding machine. The carriage-integrated LCD control panel enables full process control. While the carriage performs the heavy work, the welder can concentrate on monitoring the process and quality. MagTrac F 61 is compatible with Kemppi's Wise™ welding processes, which allow you to further increase your welding productivity and quality. The carriage can easily be moved from one location to another. With MagTrac F 61 you don't need auxiliary control cables or transformers, because everything is fully integrated in one cable.

MagTrac F 61 is sold in packages that contain the carriage unit, power source, wire feeder, welding gun for mechanized welding, and the necessary cables. You can optionally select a package that includes a SuperSnake subfeeder to get up to 25 meters of extra reach.

RECOMMENDED WELDERS

FastMig M 420 Power source

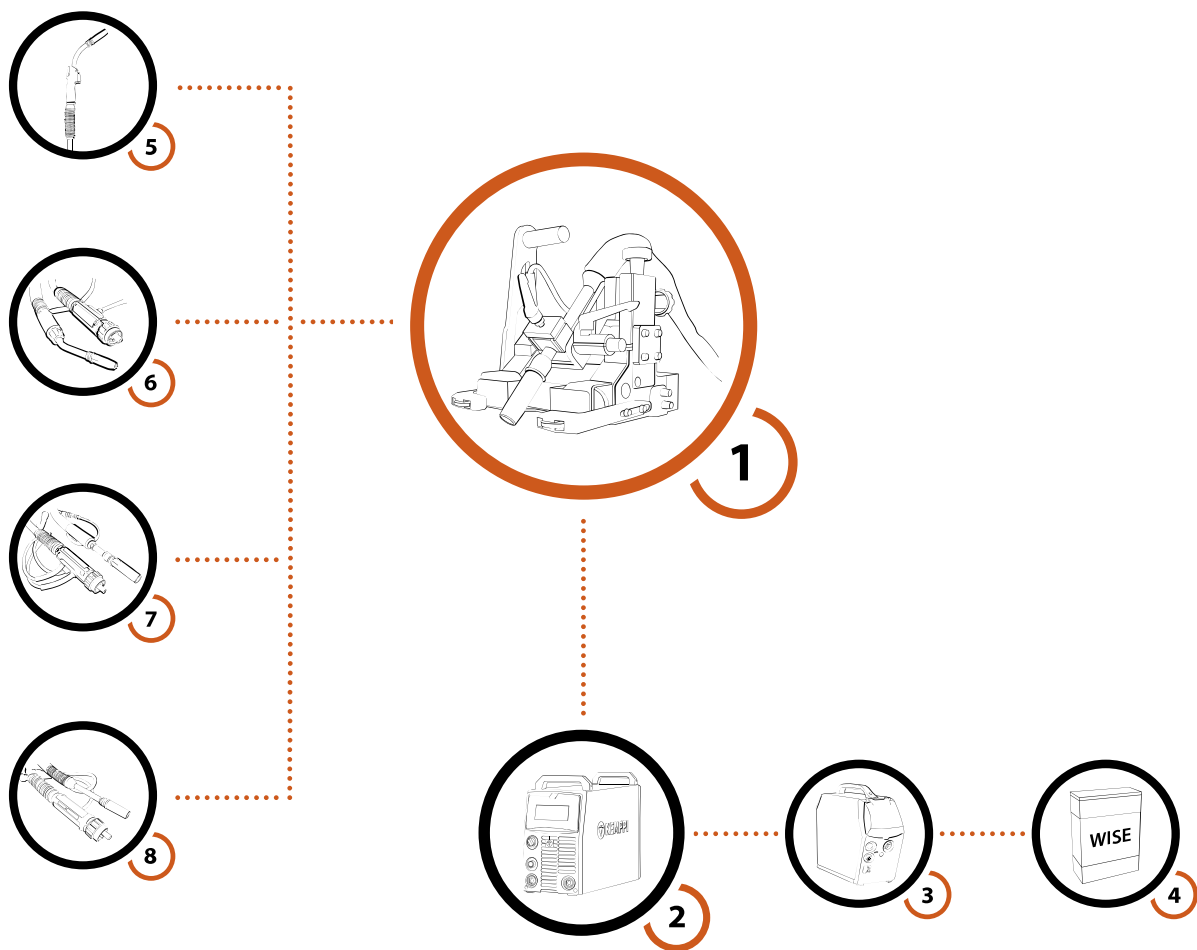
MXF 65 Wire feeder

RECOMMENDED SOFTWARE

WiseFusion



SYSTEM SETUP





1 MagTrac F 61 Welding carriage



TECHNICAL OVERVIEW

The torch carrier unit for light MIG/MAG welding mechanization. Strong magnets keep the carriage on the right track even in demanding jobs.

TECHNICAL SPECIFICATIONS

Product code	6190610
Input power	50 VDC / 1 A
Travel speed	150...1800 mm/min
Torch angle adjustment	±30°
Max. Surface temperature	150°C
Towing power	16 kg
Driving method	Rail-less drive with permanent magnetic suction
Wheels	4 rubber wheels
Tracing method	Guide rollers
Guide roller height range	10...38 mm, 3 positions
Non-welding distance, start	127 mm
Non-welding distance, end	127 mm
Auto-stop function	Limit switch on both sides
Torch model	Kempfi MMT 42C, MT51WC, MMT MN 32C
Torch distance adjustment range (up/down/fw/bw)	45 mm
External dimensions LxWxH	259 × 259 × 285 mm
Weight	6.9 kg

2 FastMig M 420 Power source



TECHNICAL OVERVIEW

The FastMig M 420 is a top performance multi-purpose power source, suitable for many applications. This unit is made for those who are looking to optimize welding productivity and quality.

Alternative:

- FastMig M320 - product code 6132320
- FastMig M420 MV - product code 6132423
- FastMig M520 - product code 6132520

TECHNICAL SPECIFICATIONS

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 = 50 – 58 V
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
Storage temperature range	-40 ... +60 °C

2 FastCool 10



TECHNICAL OVERVIEW

FastCool 10 is a cooling unit designed for FastMig M welding equipment.

TECHNICAL SPECIFICATIONS

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



3 MXF 65 Wire feeder



TECHNICAL OVERVIEW

Flexibility and performance for all welding applications in today's medium and heavy industries. This unit is compatible with 300 mm spool and is covered in an aluminum casing.

Alternative:

- MXF 63 - product code 6152300
- MXF 63 EL - product code 6152300EL
- MXF 65 EL - product code 6152100EL
- MXF 67 - product code 6152200
- MXF 67 EL - product code 6152200EL

TECHNICAL SPECIFICATIONS

Product code	6152100
Output	520 A (60%)
Wire feed mechanism	4 - roll
Wire feed speed adjustment	0 – 25 m/min
Gun connection	Euro
Filler wire sizes (Fe solid)	0.6 – 1.6 mm
Filler wire sizes (Fe cored)	0.8 – 2.0 mm
Filler wire sizes (Ss)	0.6 – 1.6 mm
Filler wire sizes (Al)	1.0 – 2.4 mm
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	620 × 210 × 445 mm
Degree of protection	IP23S
Standards	IEC 60974-5
Wire spool weight, max.	20 kg
Weight (empty)	11.1 kg
Wire spool diameter, max.	300 mm

4 WiseFusion



BENEFITS

- Higher welding speed
- Lower heat input resulting in less distortion and better mechanical properties of the weld
- Possibility to weld narrower and deeper grooves
- Excellent weld pool control in position welding
- Easy to weld in all positions
- Automatic arc length control granting always the right parameters
- Easy to use
- Uniform weld quality

TECHNICAL SPECIFICATIONS

Product code	9991014 X8500000 - X8 MIG Welder
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5 MMT/PMT gun range



BENEFITS

- 34 model variants from 250 A to 500 A
- The low fatigue comfort grip and balance limits wrist loading
- Performance liners, nozzles, and contact tips
- Available in either 3 m or 4.5 m lengths
- Gas-cooled and water-cooled models
- Excellent cooling performance
- Strong construction and easy to maintain
- Euro connector for fast fitting
- Guns can be used with Kemppi A5 & MagTrac carriages with additional carriage control cable (6190716)

TECHNICAL SPECIFICATIONS

PMT gun range - gas cooled		PMT 25	PMT 27	PMT 32	PMT 35	PMT 42
Product code		6252513	6252713	6253213	6253513	6254213
Cooling		Gas	Gas	Gas	Gas	Gas
Filler wires		0.6...1.2 mm	0.6...1.2 mm	0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm
Length / ordering code 3m		6252513	6252713	6253213	6253513	6254213
Length / ordering code 4.5m		6252514	6252714	6253214	6253514	6254214
Load capacity, Ar + CO ₂ (35%)		250 A	270 A	320 A	350 A	420 A

PMT gun range water cooled		PMT 30W	PMT 42W	PMT 52W
Product code		6253043	6254203	6255203
Cooling		Water	Water	Water
Filler wires		0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm
Length / ordering code 3m		6253043	6254203	6255203
Length / ordering code 4.5m		6253044	6254204	6255204
Load capacity, Ar + CO ₂ (100%)		300 A	400 A	500 A

MMT gun range - gas cooled		MMT 25	MMT 27	MMT 32	MMT 35	MMT 42	MMT 42C
Product code		625213MMT	6252713MMT	6253213MMT	6253513MMT	624213MMT	6254205
Cooling		Gas	Gas	Gas	Gas	Gas	Gas
Filler wires		0.6...1.2 mm	0.6...1.2 mm	0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm
Length / ordering code 3m		625213MMT	6252713MMT	6253213MMT	6253513MMT	624213MMT	6254205
Length / ordering code 4.5m		6252514MMT	6252714MMT	6253214MMT	6253514MMT	6254214MMT	6254207
Load capacity, Ar + CO ₂ (35%)		250 A	270 A	320 A	350 A	420 A	
Load capacity, Ar + CO ₂ (100%)							350A

MMT gun range - water cooled		MMT 30W	MMT 42W	MMT 52W
Product code		6253043MMT	6254203MMT	6255203MMT
Cooling		Water	Water	Water
Filler wires		0.8...1.6 mm	0.8...1.6 mm	0.8...1.6 mm
Length / ordering code 3m		6253043MMT	6254203MMT	6255203MMT
Length / ordering code 4.5m		6253044MMT	6254204MMT	6255204MMT
Load capacity, Ar + CO ₂ (100%)		300 A	400 A	500 A



6 MMT MN 32C



TECHNICAL OVERVIEW

Kemppi welding gun for mechanization. Includes the wire liner, neck, gas nozzle and contact tip holder. Gas-cooled, 260 A at 100 % duty cycle. Necks and consumables compatible with the model PMT MN. The gun is equipped with 7pin Amphenol connectors that provide power supply and remote control through the gun, without any additional cables.

Additional:

- Narrow gap gas nozzle PMT27/32 - product code W008123
- Narrow gap contact tip 1.2 M6 - product code W008124
- Narrow gap contact tip 1.0 M6 - product code W008333

TECHNICAL SPECIFICATIONS

Product code	6250405
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7 MT51MWC



TECHNICAL OVERVIEW

Kemppi welding gun for mechanization. Water-cooled, 500 A at 100 % duty cycle. For heavy-duty applications. The gun is equipped with 7pin Amphenol connectors that provide power supply and remote control through the gun, without any additional cables.

TECHNICAL SPECIFICATIONS

Product code	4,5 m - 6255162
	6,0 m - 6255163

8 MMT 42C



TECHNICAL OVERVIEW

Kemppi welding gun for mechanization. Includes the wire liner, neck, gas nozzle and contact tip holder. Gas-cooled, 350 A at 100 % duty cycle. Consumables compatible with the model PMT/MMT. The gun is equipped with 7pin Amphenol connectors that provide power supply and remote control through the gun, without any additional cables.

TECHNICAL SPECIFICATIONS

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



ADDITIONALS

SuperSnake GT 02SC 15 m

61531501

Synchronized gas cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)

SuperSnake GT 02SWC 15 m

61541501

Synchronized water cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)

SuperSnake GT 02SWC-70 20 m

61542001

Synchronized water cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)

SuperSnake GT 02SWC 25 m

61542501C1

Synchronized water cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)



A5 MIG Orbital System 1500



BENEFITS

- Increased welding productivity
- Pre-defined programs for different pipe sectors
- Two separate wirefeeders can be connected, to be used at different times
- Use of WiseRoot+ means no slag or spatter
- Carriage can also be used for horizontal and vertical joints with or without weaving
- Simultaneous control of carriage programs and power source channels makes control easy
- One button for starting, stopping, and changing the welding parameters
- Light and durable Remote Control Unit makes operation simple and fast
- Accurate speed control and two drive motors
- Multiple weaving patterns possible with integrated Weaving Unit
- Flexible adjustment of the tilt and push/pull angle enabled by the welding gun holder
- Only one power cable needed

OVERVIEW

A5 MIG Orbital System 1500 is a complete set of welding mechanization and welding equipment for circumferential joint welding. Suitable for pipe and tube sizes up to an outer diameter of 1500 mm. With integrated Kemppi special processes the system is efficient from root pass to all filler layers, saving up to 50 % in labor and filler costs. All relevant welding parameters can be handled from one single integrated remote controller.

RECOMMENDED WELDERS

FastMig X 450 Power source

WFX 300 P-T Wire feeder

RECOMMENDED SOFTWARE

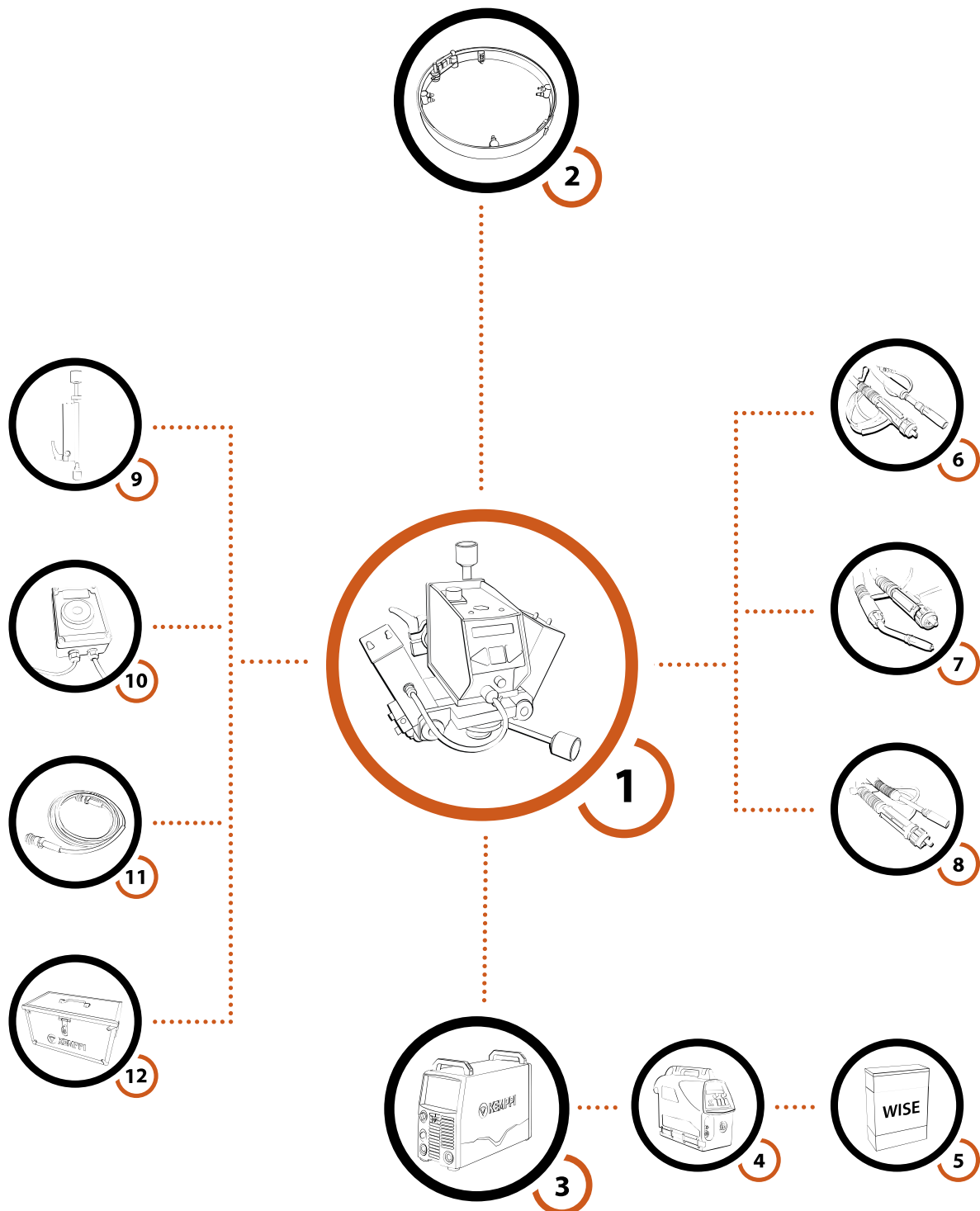
WiseRoot+

WisePenetration

WiseFusion



SYSTEM SETUP





① A5 MIG Orbital Welding Carriage 1500



TECHNICAL OVERVIEW

Lightweight carriage with two step motors for precise movement. Integrated weaving unit, gun holder clamps, OLED display and easy-to-use interface. Socket for a remote controller. Minimum outer diameter of the pipe is 6 inches (152.4 mm). Also suitable for straight rail applications. -ES model is equipped with electric gun height control.

TECHNICAL SPECIFICATIONS

Product code	6190715 6190735 (-ES 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
Weight	9.0 kg
External dimensions (Height from pipe surface)	365 × 385 × 300 mm

② Ring



TECHNICAL OVERVIEW

Steel guide ring with quick clamping mechanism. Positioning with spring loaded screws. Adjustment range approximately +/- 1 inch. Millimeter describes suitable pipe outer diameter range.

TECHNICAL SPECIFICATIONS

Ring	Product code	Pipe/Tube outer diameter range (mm.)
RING FOR 6" PIPE DIAMETER	6190806	127 - 177
RING FOR 8" PIPE DIAMETER	6190808	178 - 228
RING FOR 10" PIPE DIAMETER	6190810	229 - 279
RING FOR 12" PIPE DIAMETER	6190812	280 - 330
RING FOR 14" PIPE DIAMETER	6190814	331 - 368
RING FOR 16" PIPE DIAMETER	6190816	432 - 420
RING FOR 18" PIPE DIAMETER	6190818	432 - 472
RING FOR 20" PIPE DIAMETER	6190820	482 - 533
RING FOR 22" PIPE DIAMETER	6190822	534 - 584



Ring	Product code	Pipe/Tube outer diameter range (mm.)
RING FOR 24" PIPE DIAMETER	6190824	584 - 635
RING FOR 26" PIPE DIAMETER	6190826	635 - 686
RING FOR 28" PIPE DIAMETER	6190828	686 - 736
RING FOR 30" PIPE DIAMETER	6190830	737 - 787
RING FOR 32" PIPE DIAMETER	6190832	787 - 838
RING FOR 34" PIPE DIAMETER	6190834	838 - 889
RING FOR 36" PIPE DIAMETER	6190836	889 - 939
RING FOR 38" PIPE DIAMETER	6190838	940 - 991
RING FOR 40" PIPE DIAMETER	6190840	991 - 1041
RING FOR 42" PIPE DIAMETER	6190842	1041 - 1092
RING FOR 44" PIPE DIAMETER	6190844	1092 - 1143
RING FOR 46" PIPE DIAMETER	6190846	1143 - 1194
RING FOR 48" PIPE DIAMETER	6190848	1194 - 1244
RING FOR 50" PIPE DIAMETER	6190850	1245 - 1295
RING FOR 52" PIPE DIAMETER	6190852	1296 - 1346
RING FOR 54" PIPE DIAMETER	6190854	1347 - 1397
RING FOR 56" PIPE DIAMETER	6190856	1397 - 1447
RING FOR 58" PIPE DIAMETER	6190858	1448 - 1498
RING FOR 60" PIPE DIAMETER	6190860	1499 - 1549
RING FOR 62" PIPE DIAMETER	6190862	1550 - 1600
RING FOR 64" PIPE DIAMETER	6190864	1601 - 1651
RING FOR 66" PIPE DIAMETER	6190866	1651 - 1701
RING FOR 68" PIPE DIAMETER	6190868	1702 - 1752
RING FOR 70" PIPE DIAMETER	6190870	1753 - 1803

3 FastMig X 450 Power source



TECHNICAL OVERVIEW

FastMig X 450 is the ultimate power source. This unit boosts your productivity and welding quality to a whole new level.

Alternative:

- FastMig X 350 - product code 6103350
- FastMig X 350 MV - product code 6103353

TECHNICAL SPECIFICATIONS

Product code	6103450
Connection voltage 3~ 50/60 Hz	400 V, (-15...+20%)
Fuse (delayed)	35A
Minimum generator power	35 kVA
Output 60% ED	450 A
Output 100% ED	350 A
Open circuit voltage MMA	U ₀ = 70-98 V U _{av} = 50 V
Open circuit voltage MIG/MAG	U ₀ = 80 - 98 V
Operating temperature range	-20 ... +40 °C



External dimensions LxWxH	590 x 230 x 430 mm
Degree of protection	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10

3 Cool X Cooling unit



TECHNICAL OVERVIEW

Cool X cooling unit for liquid-cooled setups is the ultimate choice providing 1 kW of cooling power with 3 liters of cooling liquid.

TECHNICAL SPECIFICATIONS

Product code	6068200
Operating voltage (safety voltage)	400 V -15 ...+20 %
Maximum pressure	0.4 Mpa
External dimensions LxWxH	570 x 230 x 280 mm
Weight (no accessories)	11 kg
Degree of protection	IP23S
Tank volume	~3 L
EMC class	A
Cooling power	1 kW
Storage temperature range	-40 ...+60 °C
Operating temperature	-20 ...+40 °C

4 WFX 300 P-T Wire feeder



TECHNICAL OVERVIEW

Select your own software according to your needs. This unit includes a strong GT04 feed mechanism with two motors.

Alternative:

- WFX 200 T - product code 6103524

TECHNICAL SPECIFICATIONS

Product code	6103535
Output 60% ED	520 A
Output 100% ED	440 A
Wire feed mechanism	GT04
Gun connection	Euro
Filler wire sizes (Ss)	0.6 - 2.0 mm
Filler wire sizes (Al)	0.8 - 2.4 mm
Filler wire sizes (Fe)	0.6 - 2.0 mm



Filler wire sizes (Cored wire)	0.8 - 2.4 mm
Wire feed speed	0.5 - 25 m/min
Software	WiseFusion WiseRoot+ MatchLog Pipe Steel pack Fe (25pcs) Pipe Stainless pack Ss (17pcs)
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	590 × 240 × 445 mm
Degree of protection	IP23S
Standards	IEC 60974-5
Wire spool weight, max.	20 kg
Weight (empty)	13.1 kg
Wire spool diameter, max.	300 mm

5 WiseRoot+



BENEFITS

- Increases welding speed compared to MMA, TIG and standard MAG short arc welding
- Gives the possibility to reduce groove volume
- Allows wide range of root gaps and faces without incomplete or excessive penetration
- Easier to learn welding technique
- No need for backing ring
- Less spatter
- Allows welding of fixed pipes in all positions
- Allows welding of rotated pipes
- Allows welding with long cables
- Processes can be used with different materials; steel, stainless steels and high alloyed steels
- In WiseRoot+ excellent arc characteristic also with CO₂
- Wide selection of wire diameter (0,8 – 1,2)

TECHNICAL SPECIFICATIONS

Product code	9990418 X8500003 - X8 MIG Welder
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5 WisePenetration



BENEFITS

Ensured penetration even in case of:

- Narrow structures where visibility of the arc is a problem
- Limited visibility or accessibility
- Position welding
- Difficult-to-weld joints

TECHNICAL SPECIFICATIONS

Product code	9991000
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5 WiseFusion



BENEFITS

- Higher welding speed
- Lower heat input resulting in less distortion and better mechanical properties of the weld
- Possibility to weld narrower and deeper grooves
- Excellent weld pool control in position welding
- Easy to weld in all positions
- Automatic arc length control granting always the right parameters
- Easy to use
- Uniform weld quality

TECHNICAL SPECIFICATIONS

Product code	9991014 X8500000 - X8 MIG Welder
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6 MT51MWC



TECHNICAL OVERVIEW

Kemppi welding gun for mechanization. Water-cooled, 500 A at 100 % duty cycle. For heavy-duty applications. The gun is equipped with 7pin Amphenol connectors that provide power supply and remote control through the gun, without any additional cables.

TECHNICAL SPECIFICATIONS

Product code	4,5 m - 6255162 6,0 m - 6255163
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7 MMT MN 32C



TECHNICAL OVERVIEW

Kemppi welding gun for mechanization. Includes the wire liner, neck, gas nozzle and contact tip holder. Gas-cooled, 260 A at 100 % duty cycle. Necks and consumables compatible with the model PMT MN. The gun is equipped with 7pin Amphenol connectors that provide power supply and remote control through the gun, without any additional cables.

Additional:

- Narrow gap gas nozzle PMT27/32 - product code W008123
- Narrow gap contact tip 1.2 M6 - product code W008124
- Narrow gap contact tip 1.0 M6 - product code W008333

TECHNICAL SPECIFICATIONS

Product code	6250405
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8 MMT 42C



TECHNICAL OVERVIEW

Kemppi welding gun for mechanization. Includes the wire liner, neck, gas nozzle and contact tip holder. Gas-cooled, 350 A at 100 % duty cycle. Consumables compatible with the model PMT/MMT. The gun is equipped with 7pin Amphenol connectors that provide power supply and remote control through the gun, without any additional cables.

TECHNICAL SPECIFICATIONS

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

9 A5 torch floating head



TECHNICAL OVERVIEW

Floating torch head accessory for A5 MIG Rail and A5 MIG Orbital systems. Tracks the surface of work piece mechanically to keep stick-out length constant.

TECHNICAL SPECIFICATIONS

Product code	6190711
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10 A5 MIG carriage transformer



TECHNICAL OVERVIEW

Transformer for powering A5 MIG Carriages when using a non-FastMig power source.

TECHNICAL SPECIFICATIONS

Product code	6190714
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11 A5 MIG carriage control cable



TECHNICAL OVERVIEW

Control cable to be used in setups that do not include the special Kempfi welding gun for mechanization. Connected between the carriage and the FastMig wire feeder's remote control connector.

TECHNICAL SPECIFICATIONS

Product code	6190716
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12 A5 carriage carrying and storage box



TECHNICAL OVERVIEW

Plywood storage box for A5 MIG Carriages.

TECHNICAL SPECIFICATIONS

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



ADDITIONALS

SuperSnake GT 02SWC-70 20 m

61542001

Synchronized water cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)

SuperSnake GT 02SWC 25 m

61542501C1

Synchronized water cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)

SuperSnake GT 02SWC 15 m

61541501

Synchronized water cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)

SuperSnake GT 02SC 15 m

61531501

Synchronized gas cooled subfeeder system for long distances, specially designed for mechanization. Requires MXF synchronization kit (W004030)

WWW.KEMPPI.COM

Kemppi is the pioneering company within the welding industry. It is our role to develop solutions that make you win business. Headquartered in Lahti, Finland, Kemppi employs over 600 welding experts in 13 countries and has a revenue of more than 110 MEUR. Our offering includes welding solutions - intelligent equipment, welding management software and expert services - for both demanding industrial applications and ready-to-weld needs. Local expertise is available via our global partner network covering over 60 countries.

