

## FastMig™ Basic – Technical Data

■ Power sources		KM 300	KM 400	KM 500
Mains voltage	3~50/60 Hz	400 V -15%...+20%	400 V -15%...+20%	400 V -15%...+20%
Load capacity 40°	60% ED	-	-	500 A / 39 V
	80% ED	-	400 A / 34 V	-
	100% ED	300 A / 29 V	380 A / 33V	430 A / 35.5 V
Welding voltage range	MIG	10 V...37 V	10 V...39 V	10 V...42 V
External dimensions	L x W x H	590 x 230 x 430 mm	590 x 230 x 430 mm	590 x 230 x 430 mm
Weight		34 kg	35 kg	36 kg

■ Wire feed units		MF 29	MF 33
Operating voltage		24 V DC	24 V DC
Load capacity 40°	60% ED	520 A	520 A
	100% ED	440 A	440 A
Wire feed speed		0...25 m/min	0...25 m/min
Spool, max. ø		200 mm	300 mm
Filler wires ø		0.6...1.6 mm	0.6...2.4 mm
External dimensions	L x W x H	510 x 200 x 310 mm	590 x 240 x 445 mm
Weight		9.4 kg	13.6 kg

## FastMig™ Synergic – Technical Data

■ Power sources		KMS 300	KMS 400	KMS 500
Mains voltage	3~50/60 Hz	400 V -15%...+20%	400 V -15%...+20%	400 V -15%...+20%
Load capacity 40°	60% ED	-	-	500 A / 39 V
	80% ED	-	400 A / 34 V	-
	100% ED	300 A / 29 V	380 A / 33V	430 A / 35.5 V
Welding voltage range	MIG	10 V...37 V	10 V...39 V	10 V...42 V
External dimensions	L x W x H	590 x 230 x 430 mm	590 x 230 x 430 mm	590 x 230 x 430 mm
Weight		34 kg	35 kg	36 kg

■ Wire feed units		MSF 53	MSF 55	MSF 57
Operating voltage		50 V DC	50 V DC	50 V DC
Load capacity 40°	60% ED	520 A	520 A	520 A
	100% ED	440 A	440 A	440 A
Wire feed speed		0...25 m/min	0...25 m/min	0...25 m/min
Spool, max. ø		200 mm	300 mm	300 mm
Filler wires ø		0.6...1.6 mm	0.6...2.4 mm	0.6...2.4 mm
External dimensions	L x W x H	510 x 200 x 310 mm	620 x 210 x 445 mm	625 x 243 x 446 mm
Weight		9.4 kg	11.1 kg	14 kg

Please, see [www.kemppi.com](http://www.kemppi.com) for information and details.

■ Wire feed units		MXF 63	MXF 65	MXF 67
Operating voltage		50 V DC	50 V DC	50 V DC
Load capacity 40°	60% ED	520 A	520 A	520 A
	100% ED	440 A	440 A	440 A
Wire feed speed		0...25 m/min	0...25 m/min	0...25 m/min
Spool, max. ø		200 mm	300 mm	300 mm
Filler wires ø		0.6...1.6 mm	0.6...2.4 mm	0.6...2.4 mm
External dimensions	L x W x H	510 x 200 x 310 mm	510 x 200 x 310 mm	620 x 210 x 445 mm
Weight		9.4 kg	11 kg	14 kg

## FastMig™ Basic – Ordering information

■ Power sources	KM 300	KM 400	KM 500
Ordering Code	6033000	6034000	6035000

■ Wire feed units	MF 29	MF 33
Ordering Code	6063200	6063300

## FastMig™ Synergic – Ordering information

■ Power sources	KMS 300	KMS 400	KMS 500
Ordering Code	6053000	6054000	6055000

■ Wire feed units	MSF 53	MSF 55	MSF 57
Ordering Code	6065300	6065500	6065700

	MXF 63	MXF 65	MXF 67
	Project pack custom	Project pack custom	Project pack custom
Ordering Code	6152300	6152100	6152200

■ Control panels	SF 51	SF 54
Ordering Code	6085100	6085400

	SF 52W	SF 53W
Ordering Code	6085200W	6085300W

■ R30 DataRemote	5 m	10 m
Ordering Code	6185420	618542001

■ **Kemppi SuperSnake™ GT02S** range includes 10 m, 15 m, 20 m and 25 m models - Gas and Water cooled.

# FastMig

Pure welding power from the root to the top



KM 300, 400, 500  
 MF 29, 33  
 KMS 300, 400, 500  
 MFS 53, 55, 57  
 MXF 63, 65, 67  
 SF 51, 54  
 SF 52W, 53W  
 R30 DataRemote

**KEMPPI**  
 The Joy of Welding

# FastMig™ Basic

## Pure welding power

- + In brief**
  - Efficient and productive system
  - Light, durable design
  - Low energy consumption

- + Applications**
  - Metal fabrication workshops
  - Steel structure workshops
  - Shipyards and offshore industry
  - Repair and maintenance

■ **The FastMig™ Basic** range of products offers pure welding power for basic MIG/MAG welding in heavy and medium heavy industry.

The selection of three power sources, two wire feeders and other product options allows creating suitable welding equipment combinations for various needs.

With its durable and lightweight construction FastMig™ Basic makes an ideal companion for demanding welding conditions, and its stepless control and digital display put ease of use and the joy of welding within the reach of every workshop.

## The FastMig™ Basic range



### Power Sources

■ **The FastMig™ Basic selection** includes 300-, 400-, and 500-ampere power sources, all of which are effective yet light and compact devices. The energy consumption is 10% lower than that of switch-operated power sources with the same output.

### Wire Feeders

■ **The MF 29 and MF 33 wire feeders** are designed for demanding welding conditions. The recyclable, double-skinned plastic casing is strong and elegant, and the reliable wire feed mechanism ensures a smooth and undisturbed wire feed.

### Other Options

■ **The FastCool 10 water cooling unit** can be used for providing effective cooling of MIG/MAG welding guns.

■ **The PM 500 transport unit** makes it easy for you to handle and move around the welding equipment.



|| KM 300 || KM 400 || KM 500 ||



|| MF 29 || MF 33 ||

# FastMig™ Synergic

## From the root to the top

- + In brief**
  - Quality welding performance
  - Practical, modular design
  - Wise™ & Match™ solutions
  - Distance wire feeding option
  - Versatile functions

- + Applications**
  - Metal fabrication workshops
  - Shipyards and offshore industry
  - Chemical and process industry
  - Steel structure workshops

■ **The FastMig™ Synergic** range of products allows creating powerful MIG/MAG welding equipment configurations that can serve you in every welding task from the root to the top.

A wide selection of Match curves and Wise product solutions including, WiseRoot™ and WisePenetration™ processes for effective root pass welding and constant welding power regulation, make FastMig™ Synergic the perfect choice for quality regulated welding environments.

FastMig Synergic also combines with the excellent SuperSnake GT02S, providing the ultimate distance and access welding solution.

## The FastMig™ Synergic range



### Power Sources

■ **The FastMig™ Synergic** includes 300-, 400- and 500-ampere power sources, all of which have an excellent power-to-weight ratio.

### Wire Feeders

■ **The MSF/MXF range of wire feeders** is designed for demanding conditions and requirements. A versatile selection of control panels makes it easy to enhance the quality and productivity of the welding work.

MSF/MXF wire feed units can be equipped with basic panels SF 51/54, or the synergic panels SFw 52/53. SFw panels support Wise and Match product options.

For connection with SuperSnake GT02S/W distance wire feeding solutions, select from the MXF wire feed units and synchronization kit.

### Other Options

■ **WiseRoot™, WisePenetration™ and WiseThin™** are optional software solutions that modify and enhance welding arc performance for specific and challenging applications.

■ **Match™ curve packages** are optional software components for facilitating specific welding purposes.

■ **The FastCool 10 water cooling unit** can be used for providing effective cooling of MIG/MAG welding guns.

■ **Remote control** When remote arc control is necessary, R30 DataRemote provides the solution. Combining real-time power control and clear weld data display, R30 DataRemote is compact and robust.

■ **The PM 500 transport unit** makes it easy for you to handle and move around the welding equipment.



|| KMS 500 || KMS 400 || KMS 300 ||



|| MSF 57  
MXF 67 || MSF 55  
MXF 65 || MSF 53  
MXF 63 ||

|| R30 DataRemote ||



|| SuperSnake GT02S/W ||

