

# MinarcMig Evo

AN ADAPTIVE TOOL FOR THE MOBILE WELDER



## MinarcMig Evo



### AN ADAPTIVE TOOL FOR THE MOBILE WELDER

MinarcMig Evo machines pack huge MIG/MAG welding capacity and quality into their portable, compact size. Choose from either 200 A or 170 A models, delivering their welding power at 35 % duty cycle from a 16 A, 1-phase mains supply. MinarcMig Evo delivers premium results wherever your work takes you.

MinarcMig Evo 200 offers Automatic and Manual mode set-up for precise welding quality and arc ignition, monitored and controlled by Kemppi's adaptive arc regulation system. MinarcMig Evo 170 offers manual setting only, with separate controls for voltage and wire feed speed.

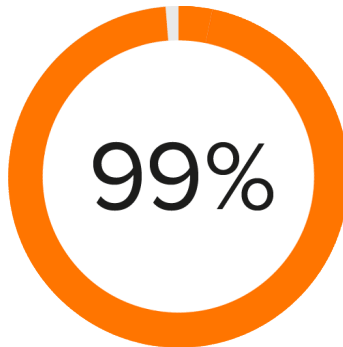


## KEY BENEFITS



### LIGHTWEIGHT AND PORTABLE

No extra lift assist required



### LESS ELECTROMAGNETIC INTERFERENCE

On electrical network due to PFC technology



### CABLE LENGTH POSSIBLE

For increased utility in site welding environments

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## BENEFITS

- Precise weld quality and arc ignition
- 200 A / 170 A of MIG/MAG welding power from a 16 A supply
- Choose either Automatic or Manual model
- Use with Fe, Fe FCW, Ss, Al, CuSi filler wires, 1 kg and 5 kg spools
- Just set the plate thickness and weld with 200 A model
- Large graphical display guides user
- Designed for use with long supply cables of 100m+
- A 3-meter gun, cable set and carrying strap included
- Suitable for mains network or generator use
- Kemppi 3+ warranty for parts and labour



## PRODUCT OPTIONS



### MinarcMig Evo 200

Kemppi MIG welder for mobile, adaptive welding in automatic and manual mode. Experience huge MIG/MAG welding capacity and quality in a portable and compact form. The delivery package includes a MIG welding gun, cables, gas hose, and shoulder strap.



### MinarcMig Evo 200 DK

Kemppi K5 MIG welder for mobile, adaptive welding in automatic and manual mode. Mains plug suitable for the Danish market. The delivery package includes a MIG welding gun, cables, gas hose and shoulder strap.



### MinarcMig Evo 170

Kemppi MIG welder for mobile welding in manual mode with separate controls for voltage and wire feed speed. The delivery package includes a MIG welding gun, cables, gas hose, and shoulder strap. AU and DK models available.



### MinarcMig Evo 170 AU

The Kemppi K3 MIG welder for mobile welding in manual mode has separate controls for voltage and wire feed speed. Mains plug suitable for AU/NZ markets. The delivery package includes a MIG welding gun, cables, gas hose, and shoulder strap.



### MinarcMig Evo 170 DK

The Kemppi K3 MIG welder for mobile welding in manual mode has separate controls for voltage and wire feed speed. Mains plug suitable for the Danish market. The delivery package includes a MIG welding gun, cables, gas hose, and shoulder strap.



### MinarcMig Evo 200 AU

Kemppi K5 MIG welder for mobile, adaptive welding in automatic and manual mode. Mains plug suitable for AU/NZ markets. The delivery package includes a MIG welding gun, cables, gas hose and shoulder strap.



## FEATURES



### Simply set the plate thickness and weld

MinarcMig Evo 200 automatically sets the machine based on your input selections for plate thickness in mm, weld shape and material type. Easy single knob control allows you to make the selections while the large graphical interface guides you through the process, leaving no room for guessing.



### Energy economy and welding utility

PFC power source technology offers the ultimate energy economy with a power factor of 0.99. MinarcMig Evo can also be used efficiently with extra long power supply cables of more than 100 meters long, allowing for optimum welding utility in site welding environments.



## ACCESSORIES



### GC 223G

220 A, Gas-cooled, 3m, MinarcMig Connector



### Earth return cable 3 m, 25 mm<sup>2</sup>



### Shielding gas hose 4.5 m



### Shoulder strap



### MST 400

Suitable for MinarcMig, MinarcMig Evo, MinarcTig, MinarcTig Evo, and Minarc 220.

The MST 400 is a 2-wheel transport unit that is recommended for smaller gas bottle sizes.



### Euro Adapter for MinarcMig and MinarcMig Evo

Euro Adapter for MinarcMig and MinarcMig Evo takes your connectivity to a whole new level.



## TECHNICAL SPECIFICATIONS

### MinarcMig Evo 200

Product code	61008200
Connection voltage 1~ 50/60 Hz	230 V $\pm$ 15%
Fuse (delayed)	16A
Minimum generator power	4.2 kVA
Welding range	20 A/15 V – 200 A/26 V
Output 35% ED	200 A/24 V
Output 60% ED	160 A/22 V
Output 100% ED	120 A/20 V
Open circuit voltage	70-75 V
Operating temperature range	-20...+40 °C
External dimensions LxWxH	450 × 227 × 368 mm
Weight (no accessories)	13 kg
Degree of protection	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10, IEC 61000-3-12
Wire spool weight, max.	5 kg
Wire spool diameter, max.	200 mm

### MinarcMig Evo 200 DK

Product code	61008200DK
Connection voltage 1~ 50/60 Hz	230 V $\pm$ 15%
Fuse (delayed)	16A
Minimum generator power	4.2 kVA
Welding range	20 A/15 V – 200 A/26 V
Output 35% ED	200 A/24 V
Output 100% ED	120 A/20 V
Open circuit voltage	70-75 V
Operating temperature range	-20...+40 °C
External dimensions LxWxH	450 × 227 × 368 mm
Weight (no accessories)	13 kg
Degree of protection	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10, IEC 61000-3-12
Wire spool weight, max.	5 kg
Wire spool diameter, max.	200 mm



## MinarcMig Evo 170

Product code	61008170
Connection voltage 1~ 50/60 Hz	230 V ±15%
Fuse (delayed)	16A
Minimum generator power	4.2 kVA
Welding range	20 A/15 V – 170 A/24 V
Output 35% ED	170 A/24 V
Output 100% ED	100 A/20 V
Open circuit voltage	70-75 V
Operating temperature range	-20...+40 °C
External dimensions LxWxH	450 × 227 × 368 mm
Weight (no accessories)	13 kg
Degree of protection	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10, IEC 61000-3-12
Wire spool weight, max.	5 kg
Wire spool diameter, max.	200 mm

## MinarcMig Evo 170 AU

Product code	61008170AU
Connection voltage 1~ 50/60 Hz	240 V ±15%
Fuse (delayed)	16A
Minimum generator power	4.2 kVA
Welding range	20 A/15 V – 170 A/24 V
Output 35% ED	170 A/24 V
Output 100% ED	100 A/20 V
Open circuit voltage	70-75 V
Operating temperature range	-20...+40 °C
External dimensions LxWxH	450 × 227 × 368 mm
Weight (no accessories)	13 kg
Degree of protection	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10, IEC 61000-3-12
Wire spool weight, max.	5 kg
Wire spool diameter, max.	200 mm





## MinarcMig Evo 170 DK

Product code	61008170DK
Connection voltage 1~ 50/60 Hz	230 V ±15%
Fuse (delayed)	16A
Minimum generator power	4.2 kVA
Welding range	20 A/15 V – 170 A/24 V
Output 35% ED	170 A/24 V
Output 100% ED	100 A/20 V
Open circuit voltage	70-75 V
Operating temperature range	-20...+40 °C
External dimensions LxWxH	450 × 227 × 368 mm
Weight (no accessories)	13 kg
Degree of protection	IP23S
Standards	IEC 60974-1, IEC 60974-5, IEC 60974-10, IEC 61000-3-12
Wire spool weight, max.	5 kg
Wire spool diameter, max.	200 mm

## MinarcMig Evo 200 AU

Product code	61008200AU
Connection voltage 1~ 50/60 Hz	240 V ± 15%
Fuse (delayed)	16A
Minimum generator power	4.2 kVA
Welding range	20 A/15 V – 200 A/26 V
Output 35% ED	200 A/24 V
Output 100% ED	120 A/20 V
Open circuit voltage	70-75 V
Operating temperature range	-20...+40 °C
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Wire spool weight, max.	5 kg
Wire spool diameter, max.	200 mm



## ACCESSORIES

### GC 223G

Product code	GC223GMM3 (3m)
Load capacity, Ar + CO2 (35%)	220 A
Changeable neck	No
Rotating neck	Yes
Type of cooling	Gas
Welding process	MIG/MAG
Contact tip	M6
Wire diameters (mm)	0.6-1.0
Type of connection	MinarcMig
Compatible pistol grip handle	Yes

### Earth return cable 3 m, 25 mm<sup>2</sup>

Product code	6184004
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### Shielding gas hose 4.5 m

Product code	W001077
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### Shoulder strap

Product code	9592163
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### MST 400

Product code	6185294
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### Euro Adapter for MinarcMig and MinarcMig Evo

Product code	Euro adapter kit - W008366 Wire liner, 0.6-0.8 mm for Euro Adapter - SP008578 Red wire liner ,0.9-1.0 mm for Euro Adapter - SP008856
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**Kemppi** is the design leader of the arc welding industry. We are committed to boosting the quality and productivity of welding by continuous development of the welding arc and by working for greener and more equal world. Kemppi supplies sustainable products, digital solutions, and services for professionals from industrial welding companies to single contractors. The usability and reliability of our products is our guiding principle. We operate with a highly skilled partner network covering over 70 countries to make its expertise locally available. Headquartered in Lahti, Finland, Kemppi employs close to 800 professionals in 16 countries and has a revenue of 178 MEUR.

