

KEMPPI K5 WELDING EQUIPMENT

MinarcMig Evo 200

ULTIMATE ENERGY PERFORMANCE WITH PORTABLE
COMFORT



MinarcMig Evo 200



EASY MIG/MAG WELDING FOR THE MOBILE WELDER

MinarcMig Evo 200 is a portable MIG/MAG welder that delivers precise welding quality and arc ignition wherever your work takes you. It packs huge welding capacity and quality into its compact size at 35% duty cycle from a 16 A 1-phase mains supply. The PFC power source technology offers ultimate energy economy with a power factor of 0.99, and maximizes your welding time by reducing the time of cooling breaks. MinarcMig Evo 200 offers both automatic and manual mode setup for precise welding quality and arc ignition, monitored and controlled by Kempfi's adaptive arc regulation system. Even efficient use with more than 100 meter long power supply cables is possible, allowing optimum welding utility in site welding environments.

The delivery package includes a MIG welding gun (MMG22), cables, gas hose and shoulder strap. Available also as AU and DK models.

KEY APPLICATIONS



THIN SHEET
FABRICATION



REPAIR AND
MAINTENANCE



AGRICULTURE



KEY BENEFITS



13 kg

LIGHTWEIGHT AND PORTABLE

No extra lift assist required



+100 m

CABLE LENGTH POSSIBLE

For increased utility in site welding environments



70%

LESS ELECTROMAGNETIC INTERFERENCE

On electrical network due to PFC technology

BENEFITS

- Precise weld quality and arc ignition
- PFC technology for ultimate energy efficiency and increased welding time due to reduced machine cooling breaks
- Suitable for mains network or generator use
- Designed for use even with 100 m long supply cables
- Automatic and manual operation modes
- Large graphical display that guides the user
- Intuitive plate thickness regulation (mm) for fast set-up
- Lightweight and portable at 13 kg
- Use with 1 and 5 kg spools of Fe, FCW, Ss, Al and CuSi filler wires
- Select from convex, flat or concave weld bead profile
- Welding gun (3 m), shoulder strap and cable set included as standard



BENEFITS



SIMPLY SET THE PLATE THICKNESS AND WELD

Fast, accurate, convenient, easy – there is nothing better than an automatic power setting in 1-phase welding equipment. 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.



ALTERNATIVE - EQUIPMENT AND SOFTWARE



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.



MinarcMig Evo 170

Kemppi K3 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.



TECHNICAL SPECIFICATIONS

MinarcMig Evo 200

Product code	MinarcMig Evo 200 - 61008200 Welding gun MMG22, 3 m - 6250220 Earth return cable and clamp, 3 m - 6184003 Shielding gas hose, 4.5 m - W001077 Shoulder strap - 9592163
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

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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.

