



## Minarc Evo family

Quality welding, wherever work takes you



## Minarc Evo 150

### Why buy

- Premium welding performance
- Use with all electrode types
- PFC technology for ultimate energy efficiency
- Designed for use with long supply cables
- High current output and duty cycle
- Lightweight and portable
- Precise lift TIG technology
- Mains network or generator use
- Optional remote control
- Kemppee 2+ warranty for parts and labour

### Little giants of the welding world

**Outstanding welding performance is no overstatement.** Every element of Minarc Evo 150 is designed to meet the needs of professional welders on the move. Where size, weight and welding quality are concerned, there is no equal.

Ideal for site use, you can use Minarc Evo 150 from mains or generator power supplies, even with extra long supply cables. Minarc Evo is easy to carry, so you can normally take everything you need in one journey.

**Large voltage reserves and automatic arc force control** provide excellent arc stability in all welding positions and for a wide range of electrode types, making sure you get quality welding results every time.

**The large and clear meter display** makes accurate current setting simple and easy, and precise lift TIG ignition ensures high quality DC TIG welding. Connect Minarc Evo's remote control option and you can adjust welding parameters at distance during welding, for the ultimate convenience and weld pool control.

### Technical data

Connection voltage	1~ 50/60 Hz	230 V ±15 %
Rated power at max. current	35 % ED MMA	140 A / 4.5 kVA
	35 % ED TIG	150 A / 3.2 kVA
Output (40 °C) MMA	35 % ED	140 A / 25.6 V
	100 % ED	100 A / 24.0 V
Output (40 °C) TIG	35 % ED	150 A / 16.0 V
	100 % ED	110 A / 14.4 V
Open circuit voltage		90 V (VRD 30 V)
Power factor at 100 % ED		0.99
Efficiency at 100 % ED (MMA)		82 %
Stick electrodes	∅	1.5...3.25 mm, 4 mm
External dimensions	L x W x H	361 x 139 x 267 mm
Weight (with connection cable)		5.85 kg
EMC class		A
Norms IEC 60974-1, -10, IEC 61000-3-12		



Lightweight, compact and super portable



# MinarcMig Evo 200

## Why buy

- Precise weld quality and arc ignition
- 200 A of MIG/MAG welding power from a 16 A supply
- Automatic and Manual operation modes
- Use with Fe, Fe FCW, Ss, Al, CuSi filler wires, 1 kg and 5 kg spools
- Just set the plate thickness and weld
- 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 2+ warranty for parts and labour



## An adaptive tool for the mobile welder

**MinarcMig Evo 200 packs huge MIG/MAG welding capacity and quality into its portable, compact size.** Weighing only 13 kg and providing 200 A welding power at 35 % duty cycle from a 16 A, 1-phase power supply, MinarcMig Evo 200 delivers premium results wherever your work takes you.

**Select either Automatic or Manual mode set-up** for precise welding quality and arc ignition, monitored and controlled by Kemppi's adaptive arc regulation system. A large graphical interface guides the user during set-up, and in Automatic mode, you can simply set the plate thickness and weld. Materials selection includes ferrous, stainless steel, aluminum and CuSi brazing filler wires, satisfying a wide variety of industrial applications.

**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.

## Technical data

Connection voltage	1~ 50/60 Hz	230 V ±15 %
Rated power at max. current	35 % ED	200 A / 6.2 kVA
Output (40 °C)	35 % ED	200 A / 24 V
	100 % ED	120 A / 20 V
Power factor at 100 % ED		0.99
Efficiency at 100 % ED		83.6 %
Wire spool	max. ø	200 mm / 5 kg
External dimensions	L x W x H	450 x 227 x 368 mm
Weight (incl. gun and cables 3.0 kg)		13 kg
EMC class		A
Norms IEC 60974-1, -2, -10, IEC 61000-3-12		



MinarcMig Evo 200 suits a variety of welding applications



Energy efficient



## MinarcTig Evo 200/200MLP

### The finest TIG welding quality

**MinarcTig Evo is just what you'd expect from a Kemppi TIG welding machine.** Accurate and refined HF ignition and the necessary control, power and work capacity to reliably complete a variety of professional welding tasks. MinarcTig Evo is the ideal DC TIG welding solution for light industrial manufacturing, installation, repair and maintenance applications. The lightweight and compact size is a real bonus for welding professionals on the move.

**Models include both MinarcTig Evo 200 and MinarcTig Evo 200MLP.** The powerful PFC power source design combines useful performance advantages, including excellent energy efficiency and the ability to reliably perform on extra long power supply cables of more than 100 meters long.

**MinarcTig Evo models include large LED metering displays** and feature a range of functions including pre and post gas time control, slope current time controls and remote control options. MLP models are equipped with additional functions including Minilog control and semi-automatic arc pulse function. MinarcTig Evo is a dual-process machine that also provides quality MMA welding for a range of DC electrode types.

#### Why buy

- 200 A DC @ 35 % duty cycle, 1-phase, 230 V
- Smooth welding quality
- Refined arc ignition from 5 A
- Pre and post gas timer
- Slope in/out timer
- Torch switch latching
- MLP and Pulse welding option
- Remote current controls options
- PFC technology for ultimate energy efficiency
- Mains network or generator use
- Kemppi 2+ warranty for parts and labour

#### Technical data

Connection voltage	1~ 50/60 Hz	230 V ± 15 %
Rated power at max. current	35 % ED TIG	200 A / 4.9 kVA
	35 % ED MMA	170 A / 5.7 kVA
Output (40 °C) TIG	35 % ED	200 A / 18 V
	100 % ED	140 A / 15.6 V
Output (40 °C) MMA	35 % ED	170 A / 26.8 V
	100 % ED	110 A / 24.4 V
Power factor at 100% ED		0.99
Efficiency at 100% ED	TIG	77 %
	MMA	83 %
Stick electrodes	∅	1.5...4 mm
External dimensions	L x W x H	449 x 210 x 358 mm
Weight (without cables)		11 kg
EMC class		A
Norms IEC 60974-1, -3, -10, IEC 61000-3-12		



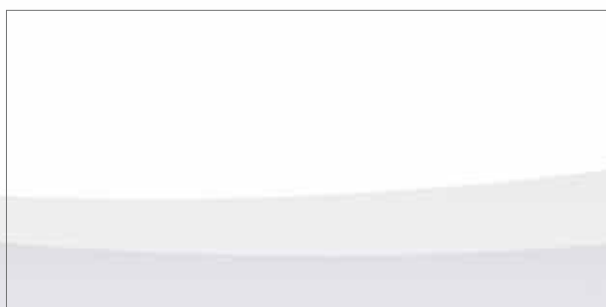
Energy efficient

## Ordering information

<b>Minarc Evo 150</b>	<b>incl. earth return and welding cables and shoulder strap</b>	<b>61002150</b>
Minarc Evo 150 (Denmark)	(incl. earth return and welding cables and shoulder strap)	<b>61002150DK</b>
Minarc Evo 150 VRD	(incl. earth return and welding cables and shoulder strap)	<b>61002150VRD</b>
Earth return cable and clamp		<b>6184015</b>
Welding cable and electrode holder		<b>6184005</b>
Shoulder strap		<b>9592163</b>
Optional: TIG torch TTM15V	4 m	<b>6271432</b>
BETA 90X electronic welding helmet		<b>9873047</b>
R10 Hand held remote control	5 m	<b>6185409</b>

<b>MinarcMig Evo 200</b>	<b>incl. gun, cables, gas hose and shoulder strap</b>	<b>61008200</b>
Welding gun MMG22	3 m	<b>6250220</b>
Earthing cable and clamp	3 m	<b>6184003</b>
Shielding gas hose	4.5 m	<b>W001077</b>
Shoulder strap		<b>9592163</b>

<b>MinarcTig Evo 200/200 MLP</b>		<b>61009200</b>
MinarcTig Evo 200, TTC 220, 4 m		<b>P0640</b>
MinarcTig Evo 200, TTC 220, 8 m		<b>P0641</b>
MinarcTig Evo 200 MLP, TTC 220, 4 m		<b>P0642</b>
MinarcTig Evo 200 MLP, TTC 220, 8 m		<b>P0643</b>



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