

MinarcTig Evo 200MLP

PORTABLE POWER FOR REFINED QUALITY
WELDING

VERSATILE DUAL PROCESS WELDER FOR TIG AND STICK (MMA) WELDING



MinarcTig Evo 200MLP offers accurate and refined high frequency and contact TIG arc ignition, and delivers 200 A DC with a 1-phase 230 V power supply in a lightweight and compact form. Its PFC power source technology enables excellent energy efficiency and reliable performance even when used with more than 100 m long cables. As a dual process machine, MinarcTig Evo 200MLP's TIG performance is matched with a quality 170 A stick (MMA) welding capability. The large LED metering display and a range of useful functions make welding convenient and enjoyable. In addition to standard features, the MLP model is equipped with Minilog control for current change between two preset current levels, and pulsed DC TIG function for increased welding speed, efficiency and improved visual appearance. Regardless of your welding application, you will have no problem maintaining complete weld pool control with Kemppi remote control options including on-torch, foot-operated and handheld remote control methods.

The delivery package includes a TTC 220 TIG welding torch, earth return cable and clamp. None adjustable VRD only models are available for Australia/New Zealand and Danish markets.

KEY BENEFITS



LIGHTWEIGHT AND PORTABLE

No extra lift assist required



INCREASE AT BEST IN WELDING SPEED

With Pulsed TIG function



CABLE LENGTH POSSIBLE

For increased utility in site welding environments

KEY APPLICATIONS



PROCESS PIPELINES



THIN SHEET FABRICATION



REPAIR AND MAINTENANCE

BENEFITS



- Dual process TIG and MMA capability
- High frequency and contact arc ignition
- Convenient pulsed TIG and Minilog functions (only MLP model)
- Suitable for mains network or generator use
- Additional safety with VRD function
- PFC technology for ultimate energy efficiency and increased welding time due to reduced machine cooling breaks
- Lightweight and portable at 11 kg
- Designed for use even with more than 100 m long power supply cables
- Clear functional LED display for accurate settings
- Pre/post gas timer; Slope in/out timer
- Suitable for use with a variety of Kemppi remote controls
- Welding torch (TTC 220), shoulder strap and cable set included as standard



PRODUCTIVITY AND EFFICIENCY

MinarcTig Evo 200MLP can bring you significant productivity benefits. 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. Combined with the semi-automatic pulsed DC TIG welding function, you are able to increase your welding speed up to 10 % depending on the application. Just set the pulse time and current average, and start welding. Convenient, don't you think?

ALTERNATIVE EQUIPMENT AND SOFTWARE



MinarcTig Evo 200MLP AU

Kemppi K5 dual process welder for fine quality, mobile TIG and stick (MMA) welding with pulse TIG option. Mains plug suitable for AU/NZ markets. The delivery package includes a TTC 220 welding torch (4 m/8 m), cables, gas hose, and shoulder strap.



MinarcTig Evo 200MLP DK

Kemppi K5 dual process welder for fine quality, mobile TIG and stick (MMA) welding with pulse TIG option. Mains plug suitable for the Danish market. The delivery package includes a TTC 220 welding torch (4 m/8 m), cables, gas hose, and shoulder strap.



MinarcTig Evo 200

Kemppi K3 dual-process welder for fine quality, mobile TIG and stick (MMA) welding. The delivery package includes a TTC 220 welding torch (4 m/8 m), cables, gas hose, and shoulder strap. AU and DK models available.



MinarcTig Evo 200 AU

Kemppi K3 dual-process welder for fine quality, mobile TIG and stick (MMA) welding. Mains plug suitable for AU/NZ markets. The delivery package includes a TTC 220 welding torch (4 m/8 m), cables, gas hose, and shoulder strap.



MinarcTig Evo 200 DK

Kemppi K3 dual-process welder for fine quality, mobile TIG and stick (MMA) welding. Mains plug suitable for the Danish market. The delivery package includes a TTC 220 welding torch (4 m/8 m), cables, gas hose, and shoulder strap.

TECHNICAL SPECIFICATIONS

MinarcTig Evo 200MLP

Product code	MinarcTig Evo 200MLP, TTC 220, 4 m - P0642 MinarcTig Evo 200MLP, TTC 220, 8 m - P0643
Connection voltage 1~ 50/60 Hz	230 V \pm 15 %
Fuse (delayed)	16 A
Minimum generator power	5.6kVA
Output (TIG) 35% ED	200 A/18.0 V
Output (TIG) 60% ED	160 A/16.4 V
Output (TIG) 100% ED	140 A/15.6 V
Output (MMA) 35% ED	170 A/26.8 V
Output (MMA) 60% ED	130 A/25.2 V
Output (MMA) 100% ED	110 A/24.4 V
Open circuit voltage	95 V
Welding range (MMA)	10 A /20.4 V...170 A/26.8 V
Welding range (TIG)	5 A/10.2 V...200 A/18.0 V
Stick electrode sizes	1.5...4.0 mm
Standards	IEC 60974-1, IEC 60974-3, IEC 60974-10, IEC 61000-3-12
Weight (no accessories)	11 kg
External dimensions LxWxH	449 x 210 x 358 mm
Degree of protection	IP23S
Operating temperature range	-20...+40 °C