

KEMPPPI K5 WELDING EQUIPMENT

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.

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
Stick electrode sizes	1.5...4.0 mm
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
Operating temperature range	-20...+40 °C
External dimensions LxWxH	449 × 210 × 358 mm
Weight (no accessories)	11 kg
Degree of protection	IP23S
Standards	IEC 60974-1, IEC 60974-3, IEC 60974-10, IEC 61000-3-12

KEY APPLICATIONS



PROCESS PIPELINES



THIN SHEET
FABRICATION



REPAIR AND
MAINTENANCE

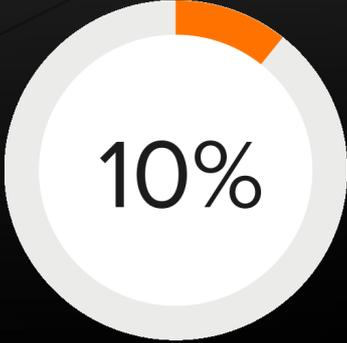
KEY BENEFITS



11 kg

LIGHTWEIGHT AND PORTABLE

No extra lift assist required



10%

INCREASE AT BEST IN WELDING SPEED

With Pulsed TIG function



+100 m

CABLE LENGTH POSSIBLE

For increased utility in site welding environments

BENEFITS

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?

- 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