



KEMPPI K3 WELDING EQUIPMENT

Minarc 220

FOR WELDING ON THE MOVE



Minarc 220



POWERFUL, PORTABLE AND COMPACT STICK (MMA) WELDER

Minarc 220 is a 3-phase, 220 A DC MMA welding power source, offering a truly portable specification for welding technicians on the move. This little powerhouse comes with everything you need to start welding. Minarc 220's ignition performance is excellent with all Stick (MMA) electrode types and the TIG welding TouchArc function provides reliable DC TIG welding capability when combined with the TTC 220 GV TIG torch. You can also use a remote control for Stick (MMA) and TIG with either the R10 or RTC10 control unit.

The superior arc performance of the Minarc 220 has made it well-known among the welding people. The arc stability and controllability are based on a large voltage reserve and the automatic arc dynamics control. Also, the good tolerance of input voltage fluctuations gives further reliability to Minarc's good arc performance, even in demanding field conditions and when using extra-long cables up to 50 m.

KEY APPLICATIONS



AGRICULTURE



REPAIR AND
MAINTENANCE



BUILDING STEEL
FRAMES



KEY BENEFITS



EASY START

With ready to weld packages



EXCELLENT WELDING QUALITY

And arc performance



GREAT PACKAGE

Of light weight, high power and
duty cycle



Minarc 220

Product code	6102220
Connection voltage 3~ 50/60 Hz	400 V (-20...+15%)
Fuse (delayed)	10 A
Output (TIG) 35% ED	220 A/18.8 V
Output (TIG) 60% ED	180 A/17.2 V
Output (TIG) 100% ED	160 A/16.4 V
Output (MMA) 35% ED	220 A/28.8 V
Output (MMA) 60% ED	170 A/26.8 V
Output (MMA) 100% ED	150 A/26.0 V
Open circuit voltage	85 V
Stick electrode sizes	1.5...5.0 mm
Welding range (MMA)	10 A/20.4 V - 220 A/28.8 V
Welding range (TIG)	10 A/10.4 V - 220 A/18.8 V
Operating temperature range	-20 ... +40 °C
External dimensions LxWxH	400 × 180 × 340 mm
Weight (no accessories)	9.2 kg (10.2 kg with connector cable)
Degree of protection	IP23S

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Kemppi is the design leader in 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 a 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 195 MEUR in 2022.

