

KEMPPI K3 WELDING EQUIPMENT

# Minarc 220

FOR WELDING ON THE MOVE

19.09.2018



And you know.



## 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



## TECHNICAL SPECIFICATIONS

### 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 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.

