Master MLS 3500

PREMIUM STICK (MMA) WELDING QUALITY
Master MLS 3500 offers the best choice in Stick (MMA) welding refinement. This welder combines a choice of efficient 3-phase welding machines, equipped with versatile functions for both Stick (MMA) and DC TIG welding.

The sturdy, compact structure and the isolated cooling system (ICS™) of the Master MLS 3500 makes it very suitable for use on work sites and extreme industrial conditions. In addition to generous welding power, it offers plenty of progressive features in order to improve the weld quality and work efficiency. The design makes it highly suitable for outdoor use and extreme conditions. Due to its small size, it allows access to confined welding sites as well. Master MLS 3500 unit can also be used with generators.

KEY APPLICATIONS

PROCESS PIPELINES

REPAIR AND MAINTENANCE

SHIPBUILDING
KEY BENEFITS

EXCELLENT ARC CONTROL

Due to intelligent features

CONTROL PANEL OPTIONS

Allow customization to your specific needs

BENEFITS

• Specific design for MMA welding
• Compact and portable
• Control panel choice for varied applications
• Designed for all electrode types
• MMA and TIG welding function
• Suitable for use with power generators
WHAT'S IN THE SYSTEM - EQUIPMENT

Master MLS panel MEX
MEX panel offers a diverse selection of parameter controls including: Electronic electrode type selector, arc gouging, or broken arc welding technique and memory channel function. High quality TouchArc function provides a credible DC TIG welding facility.

Master MLS 3500
Master MLS™ 3500 is an efficient 3-phase welding machine equipped with versatile functions for MMA and DC LIFT TIG welding. The compact structure and efficient cooling system make it suitable for use on work sites and extreme industrial conditions. This model is a 350 A version.
Master MLS panel MEL

MEL panel includes process selection for MMA or basic TIG welding, large, clear meter display, hot start and arc force control plus remote control function.
## Master MLS 3500

| Product code | Master MLS™ 3500 - 6104350  
|              | Master MLS™ 3500 VRD - 6104350C1  
|              | Master MLS™ 2500 - 6104250  
| Connection voltage 3~ 50/60 Hz | 400V -15...+20 %  
| Fuse (delayed) | 16 A  
| Output (TIG) 40% ED | 400 A/26.0 V  
| Output (MMA) 40% ED | 350 A/34.0 V  
| Output (MMA) 60% ED | 285 A/31.4 V  
| Output (MMA) 100% ED | 220 A/28.8 V  
| Open circuit voltage | 80 V  
| Stick electrode sizes | 1.5...6.0 mm  
| Welding range (MMA) | 10 A/20.5 V...350 A/34.0 V  
| Welding range (TIG) | 5 A/10.0 V...400 A/26.0 V  
| Operating temperature range | -20…+40 °C  
| External dimensions LxWxH | 500 × 180 × 390 mm  
| Weight (no accessories) | 21 kg  
| Degree of protection | IP23S  

Product code
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 800 welding experts in 17 countries and has a revenue of more than 150 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.