

# Master MLS 3500

PREMIUM STICK (MMA) WELDING QUALITY



## STICK (MMA) WELDING MACHINES FOR ALL ELECTRODE TYPES FEATURING EXCELLENT ARC CONTROL AND DURABLE DESIGN

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 BENEFITS



### EXCELLENT ARC CONTROL

Due to intelligent features



### CONTROL PANEL OPTIONS

Allow customization to your specific needs

## KEY APPLICATIONS



PROCESS PIPELINES



REPAIR AND MAINTENANCE



SHIPBUILDING

## 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



### 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 combines a choice of efficient 3-phase welding machines, equipped with versatile functions for MMA and DC TIG welding. Compact structure and the isolated cooling system makes it suitable for use on work sites and extreme industrial conditions. This model is a 350 A version.

## ALTERNATIVE EQUIPMENT AND SOFTWARE



### **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.

## TECHNICAL SPECIFICATIONS

### 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
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
Stick electrode sizes	1.5...6.0 mm
Weight (no accessories)	21 kg
External dimensions LxWxH	500 × 180 × 390 mm
Degree of protection	IP23S
Operating temperature range	-20...+40 °C