

Master S 400

A MASTER OF SITES

Kemppi K3 Welding equipment



A POWERFUL, PORTABLE AND SIMPLE STICK (MMA) WELDER FOR INDUSTRIAL APPLICATIONS

Master S 400 is designed for high-performance Stick (MMA) welding. Compact, robust and portable with optimum electrical energy efficiency, Master S 400 offers the perfect partner for heavy-duty welding work where the ease of use, reliability and durability are paramount. Master S 400 comes with integrated voltage reduction (VRD), that will increase safety at work for specified environments. This unit is ideal for construction site use and is easy to move, making site management simple.

KEY BENEFITS



EXTRA UTILITY

Use for high energy Stick (MMA), plus basic DC TIG or even MIG/MAG (when connected to ArcFeed)



LESS IS MORE

Compact and light in weight, and still offering quality welding and efficiency for a budget price



REMOTE CONTROL OPTION

When connected with a suitable Kemppi remote control, you can adjust the welding current at distance

KEY APPLICATIONS



PROCESS PIPELINES



SHIPBUILDING



REPAIR AND MAINTENANCE

BENEFITS



- Capable, portable industrial MMA performance
- Hot start and arc force adjustment for optimised starts and arc control with alternative electrode types
- Antifreeze mode cuts welding power if the electrode sticks during welding
- Contact ignition for DC TIG welding
- Ideal parent power supply for CC/CV Kemppi voltage-sensing MIG/MAG wire feed system and in-line TIG solution
- Capable of Arc gouging process
- Integrated Voltage Reduction Device (VRD) will increase work safety

ALTERNATIVE EQUIPMENT AND SOFTWARE



Master S 400 AU

Master S 400 AU is designed for high-performance Stick (MMA) welding. In Australian and New Zealand models VRD is always active and complies with AS/ NZS standards and mining regulations. VRD has reliable Fail to Safe functionality.



Master S 400Cel

Master S 400Cel is designed for high-performance Stick (MMA) welding. 400 A power source including cellulose welding characteristics provides great welding results with pleasurable welding experience.



Master S 500

Master S 500 is designed for high-performance Stick (MMA) welding. 500 A power source provides great welding results with pleasurable welding experience.



Master S 500 AU

Master S 500 AU is designed for high-performance Stick (MMA) welding. In Australian and New Zealand models VRD is always active and complies with AS/ NZS standards and mining regulations. VRD has reliable Fail to Safe functionality.



Master S 500Cel

Master S 500Cel is designed for high-performance Stick (MMA) welding. 500 A power source including cellulose welding characteristics provides great welding results with pleasurable welding experience.



Master S 500 Offshore

Master S 500 Offshore is designed for high-performance Stick (MMA) welding for extreme conditions. 500 A power source provides great welding results with pleasurable welding experience. This welder also comes with integrated VRD that will increase safety at work.

TECHNICAL SPECIFICATIONS

Master S 400

Product code	Master S 400 - 6321400 Master S 500 - 6321500 Master S 400 Cel - 632140001 Master S 500 Cel - 632150001 Master S 400 AU - 6321400AU Master S 500 AU - 6321500AU Master S 500 Offshore - 6321500C1
Connection voltage 3~ 50/60 Hz	380 - 440 V \pm 10%
Fuse (delayed)	25 A
Output (TIG) 60% ED	400 A/26.0 V
Output (TIG) 100% ED	310 A/22.4 V
Output (MMA) 60% ED	400 A/36.0 V
Output (MMA) 100% ED	310 A/32.4 V
Open circuit voltage	55 - 65 V
Stick electrode sizes	1.6...6.0 mm
Weight (no accessories)	20.5 kg
External dimensions LxWxH	570 × 270 × 340 mm
Degree of protection	IP23S
Operating temperature range	-20...+50 °C
Open circuit voltage in VRD mode	< 35 V