

KEMPPI K3 WELDING EQUIPMENT

# Master S 400

A MASTER OF SITES



## Master S 400



### 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.

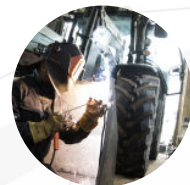
### KEY APPLICATIONS



PROCESS PIPELINES



SHIPBUILDING



REPAIR AND  
MAINTENANCE



## 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

## 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 500**

Master S 500 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 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 500 Offshore**

Master S 500 Offshore has anti-corrosion protection and is designed for high-performance Stick (MMA) welding for extreme conditions. 500 A power source including cellulose welding characteristics 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 - 632140001 Master S 500 - 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
Open circuit voltage in VRD mode	< 35 V
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
Operating temperature range	-20...+50 °C
External dimensions LxWxH	570 × 270 × 340 mm
Weight (no accessories)	20.5 kg
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.

