



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 Kempfi 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 Kempfi 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 400

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|----------------------------------|------------------------|
| Product code | 632140001 |
| 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 | 80 – 95V |
| 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 design leader in the arc welding industry. We are committed to boosting the quality and productivity of welding by continuous development of the welding arc and by working for a greener and more equal world. Kemppi supplies sustainable products, digital solutions, and services for professionals from industrial welding companies to single contractors. The usability and reliability of our products is our guiding principle. We operate with a highly skilled partner network covering over 70 countries to make its expertise locally available. Headquartered in Lahti, Finland, Kemppi employs close to 800 professionals in 16 countries and has a revenue of 195 MEUR in 2022.

