

KOLARC

BUILDING THE FUTURE

S SERIES



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Turkey
Discover
the potential

Kolarc S Series Professional Multiprocess Welding Machines

Professional Electrode Welding is everywhere – Flexibility in applications.

- A solution for everyone with modular concept.
- Provides flawless looking welding seams with cellulosic, rutile and alkaline electrodes
- Designed to be used in especially in shipbuilding industry, petrol, natural gas, chemical materials, water pipe line construction and root pass welding applications.
- Digital amperage display and precision current setting provides an easy usage.

Compact, Light, Durable

Kolarc electrode welding machines are designed for mobile use with their compact size, light weight and durable bodies.

Everything at a glance

Easy-to-use, intuitive controls with easy-to-understand indicators for improved control.

Advanced Inverter Technology

Provides energy saving up to 35% and a steady arc characteristic without spatter during welding.

Information Line for Operating Status

Thermal Overload Protection and indicator light protect machine if the duty cycle is exceeded or airflow is blocked. Digital display indicates the error codes.





Easy, intelligible design – Nothing discomforts

The interface is easy to read.
Self-explanatory, intuitive operation.
Only the currently active functions are shown.

Optimum Performance For Covered Electrode

Adaptive Hot Start maintains an easy arc starting and preserves electrode to not to stick into work pieces. The Arc Force feature provides high penetration and conveniences on steep welding applications. Performs continuous welding with cellulosic, rutile and alkaline electrodes.

Intelligent Cooling System

Operates air fan only when needed, reducing noise, energy use and the amount of contaminants pulled through the machine.

Remote Control

With Optional Remote Control, current can be controlled by torch or with pedal.

Wind Tunnel Design

Prevents the transport of dust, dirt and sand to the electrical components and electronic cards in the machine by the cooling air flow and extends machine's life.

Connects to electric generators and can be used without any problems.

S Series Technical Information



| POWER UNIT | KS 200 / S 200 | S 271 / S 271 Cell VRD* | KS 270 VRD* / KS 271 VRD* | S 270-400 VRD* / S 400 Cell VRD* | KS 700 | KS 1000 |
|----------------------------|---|---|---|---|--|---|
| Main Voltage(VAC) | 230 ± %10 20-180 | 400 ± %10 20-250 | 400 ± %10 20-270 | 400 ± %10 20-400 | 400 ± %10 40-600 | 400 ± %10 50-1250 |
| Current Range (MIG, A) | %25: 170 A, 26.8 V %60: 110 A, 24.4 V | %25: 250 A, 30.0 V %60: 225 A, 28.8 V | %35: 270 A, 30.8 V %60: 225 A, 29.0 V | %35: 400 A, 36.0 V %60: 350 A, 34.0 V | - | %60: 1000 A, 44.0 V |
| Duty Cycle (40°C) | %100: 90 A, 23.6 V | %100: 180 A, 27.2 V | %100: 180 A, 27.2 V | %100: 300 A, 32.0 V | %60: 600 A, 41.0 V %100: 500 A, 36.5 V | %100: 1000 A, 44.0 V |
| Max. Input Power (kVA) | 7.1 | 9.3 | 10.3 | 17.8 | 32.7 | 54.4 |
| Open Circuit Voltage (VDC) | 86 | 75 | 61 / 75 | 61 | 90 | 90 |
| Dimensions (HxWxL, mm) | 197 x 148 x 321 | 287 x 147 x 401 | 372 x 242 x 497 | 372 x 242 x 497 | 375 x 314 x 721 | 426 x 605 x 854 |
| Net Weight (kg) | 7 | 9.5 | 16.4 | 25 | 70 | 132 |
| Standard Accessories | 3 m Power Cable (3 x 2.5 mm ²) 3 m Electrode Cable (16 mm ²) 2 m Ground Cable (16 mm ²) | 3 m Power Cable (4 x 1.5 mm ²) 3 m Electrode Cable (25 mm ²) 2 m Ground Cable (25 mm ²) | 3 m Power Cable (4 x 2.5 mm ²) 3 m Electrode Cable (25 mm ²) 2 m Ground Cable (25 mm ²) | 3 m Power Cable (4 x 4 mm ²) 3 m Electrode Cable (35 mm ²) 2 m Ground Cable (35 mm ²) | 3m Power Cable (4 x 6 mm ²) 3 m Electrode Cable (35 mm ²) 2 m Ground Cable (35 mm ²) | 5m Power Cable (4 x10 mm ²) 3 m Ground Cable (2x70 mm ²) |

*VRD (Voltage Reduction Device) is an optional safety measure for voltage reduction. Reduces the risk of electric shock or electric accident due to arc welding.
Kolarc reserves the right to make changes.

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