

ENGINE DRIVEN WELDER TS 400 KS/EL - KSX/EL



The images are for reference

FEATURES

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interruptor
- Electric starter
- Meets EC directives for noise and safety

| STANDARD EQUIPMENT | | | | | | | | | | | |
|---------------------------|---|------------------------------------|------------------|--|----------------------|------------------------|--|----------------------|--------------------|--------------|---------------------|
| | Diesel engine | Air cooling | Electric starter | Battery 12V | ES Engine protection | Oil pressure shut down | Engine shut down temp. | Battery charge alarm | Low fuel indicator | Hours-meter | Central lifting eye |
| | | | | | | | | | | | |
| | Asynchronous alternator | Welding current electr. regulation | Arc control | Socket 3~ | Socket 1~ | Output 48 V | Ground fault interruptor | Fuse | Voltmeter | Ready for TC | |
| OPTIONS ON REQUEST | <ul style="list-style-type: none"> • Tank locking cap • Remote control: TC2 (cable 20m) - TC2/50 (cable 50m) • Welding cables: K400 (20+15m, 50mm²) | | | <ul style="list-style-type: none"> • Welding kit (mask, gloves, etc.) • Earthing kit | | | <ul style="list-style-type: none"> • Site tow CTL400 • Road trolley CTV4 | | | | |
| VERSION ON REQUEST | <ul style="list-style-type: none"> • Auxiliary output: 400Y - 230I - 48I: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE • Auxiliary output: 400Y - 230I: 1x400V 32A 3P+N+T CEE - 2x230V 32A 2P+T CEE • Auxiliary output: 400Y - 230I - 110I CTE: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x110V 32A 2P+T CEE | | | | | | | | | | |
| OPTIONS FACTORY INSTALLED | <ul style="list-style-type: none"> • EP1 - Engine protection unit EP1 with Auto-Idle economiser IDLE [Auto Idle] (ONLY vers. KSX) | | | | | | | | | | |

Technical data TS 400 KS TS 400 KSX

D.C. WELDING (Constant Current)

| | |
|---------------------------|------------------------------------|
| Current range, continuous | 20A ÷ 400A |
| Duty cycle | 400 A 35% - 350 A 60% - 300 A 100% |
| Open circuit voltage | 70 V |

A.C. GENERATION - 50Hz - *Three-phase asynchronous alternator, self-regulated, self-excited, brushless*

| | |
|--------------------|--------------------------|
| Three-phase power | 13 kVA / 400 V / 18.7 A |
| Single-phase power | 7 kVA / 230 V / 30.4 A |
| Single-phase power | 3.5 kVA / 110 V / 31.8 A |
| Single-phase power | 5 kVA / 48 V / 104 A |
| Insulation class | H |

ENGINE - *Diesel 4-stroke, OHV, air cooled*

| | |
|--------------------------------|-------------------|
| Model | KOHLER KD 625/2 |
| * Output | 18.8 kW (25.5 HP) |
| Cylinders / Displacement | 2/ 1248 cm |
| Speed | 3000 rpm |
| Fuel consumption (welding 60%) | 3.2 l/h |

* Maximum output (not overloadable) according to ISO 3046-1

GENERAL SPECIFICATIONS

| | | |
|---|-------------------------|-------------------------|
| Tank capacity | 26 l | |
| Running time (welding 60%) | 8 h | |
| IP protection degree | IP 23 | |
| * Dimensions LxHxW (mm) | 1455x840x880 | |
| * Dry weight | 450 kg | 465 Kg |
| ** Measured acoustic power LwA (pressure LpA) | -- | 96 dB(A)(71 dB(A) @ 7m) |
| ** Guaranteed acoustic power LwA (pressure LpA) | -- | 96 dB(A)(71 dB(A) @ 7m) |
| *** Acoustic power LwA (pressure LpA) | 98 dB(A)(73 dB(A) @ 7m) | -- |

* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC. *** For fixed installation only in the EU market.

Specifications subject to change without notice. For further information please contact the sales department.