

ENGINE DRIVEN WELDER

TS 400 KS/EL - KSX/EL

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



The images are for reference

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
OPTIONS ON REQUEST											
	Asynchronous alternator	Welding current elect. regulation	Arc control	3~ Socket	1~ Socket	Output 48 V	Ground fault interruptor	Fuse	Voltmeter	Ready for TC	
OPTIONS FACTORY INSTALLED	• Tank locking cap • Remote control: TC2 (cable 20m) - TC2/50 (cable 50m) • Welding cables: K400 (20+15m, 50mm ²) • Welding kit (mask, gloves, etc.) • Earthing kit • Site tow CTL400 • Road trolley CTV4 • 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 • 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

Duty cycle

Open circuit voltage

20A ÷ 400A
 400 A 35% - 350 A 60% - 300 A 100%
 70 V

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

Three-phase power

Single-phase power

Single-phase power

Single-phase power

Insulation class

13 kVA / 400 V / 18.7 A
 7 kVA / 230 V / 30.4 A
 3.5 kVA / 110 V / 31.8 A
 5 kVA / 48 V / 104 A
 H

ENGINE - Diesel 4-stroke, OHV, air cooled

Model

* Output

Cylinders / Displacement

Speed

Fuel consumption (welding 60%)

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

KOHLER KD 625/2
 18.8 kW (25.5 HP)
 2/ 1248 cm
 3000 rpm
 3.2 l/h

GENERAL SPECIFICATIONS

Tank capacity

Running time (welding 60%)

IP protection degree

* Dimensions LxIhx (mm)

* Dry weight

** Measured acoustic power LwA (pressure LpA)

** Guaranteed acoustic power LwA (pressure LpA)

*** Acoustic power LwA (pressure LpA)

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

450 kg

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98 dB(A)(73 dB(A) @ 7m)

26 l

8 h

IP 23

1455x840x880

465 Kg

96 dB(A)(71 dB(A) @ 7m)

96 dB(A)(71 dB(A) @ 7m)

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