

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 security

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 48V	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
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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 - *Gasoline 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 LxIxD (mm)	1455x840x880
* Dry weight	450 kg
** Measured acoustic power LwA (pressure LpA)	--
** 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.