

ENGINE DRIVEN WELDER TS 300 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	Engine protection	Oil pressure shut down	High temp. engine shut down	Battery charge alarm	Low fuel indicator	Hours-meter	Central lifting eye
OPTIONS ON REQUEST											
	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 • Manual trolley CTM300 	<ul style="list-style-type: none"> • Site tow CTL300 • 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 - 1x230V 32A 2P+T CEE - 2x230V 16A 2P+T CEE • Auxiliary output: 400Y - 230I - 110I CTE: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 2x110V 16A 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 300 KS/EL TS 300 KSX/EL

D.C. WELDING (Constant Current)

Current range, continuous	20A , 300A
Duty cycle	300A 60% - 250A 100%
Open circuit voltage	70 V

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

Three-phase power	10 kVA / 400 V / 14.4 A
Single-phase power	5 kVA / 230 V / 21.7 A
Single-phase power	2.5 kVA / 110 V / 22.7 A
Single-phase power	5 kVA / 48 V / 104 A
Insulation class	H

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

Model	KOHLER KD 477-2
* Output	14.9 kW (20.3 HP)
Cylinders / Displacement	2/ 954 cm ³
Speed	3000 rpm
Fuel consumption (welding 60%)	2.5 l/h

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

GENERAL SPECIFICATIONS

Tank capacity	23 l	
Running time (welding 60%)	9.2 h	
IP protection degree	IP 23	
* Dimensions LxHxW (mm)	1320x790x750	
* Dry weight	350 kg	375 kg
** Measured acoustic power LwA (pressure LpA)	--	96 dB(A)(71 dB(A) @ 7m)
** Guaranteed acoustic power LwA (pressure LpA)	--	97 dB(A)(72 dB(A) @ 7m)
*** Acoustic power LwA (pressure LpA)	99 dB(A)(74 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.