

## ENGINE DRIVEN WELDER CS 350 KSX CC/CV



The images are for reference

### FEATURES

- Arc welding source in D.C. welding
- SMAW: Shielder Metal Arc Welding (Stick)
- GTAW: Gas Tungsten Arc Welding (TIG)
- High frequency welding current and voltage control
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- MOSA Power optimiser (patent pending)
- Large tank (38 l)
- Bunded base
- Emergency stop button
- Meets EC directives for noise and safety

STANDARD EQUIPMENT												
	Diesel engine	Air cooling	Battery	Fuel level gauge	Hours-meter	EP7	Engine protection	Electric starter	Oil pressure shut down	Low press. shut down	Engine shut down temp.	Shut down battery charge
STANDARD EQUIPMENT												
	Asynchronous alternator	Welding current electr. regulation	Arc control	Sockets	Output 48 V	Ground fault interruptor	Thermal shut off	Voltmeter	Emergency stop button	Ready for RC/TC	Central lifting eye	
OPTIONS ON REQUEST	<ul style="list-style-type: none"> <li>• Wirefeeder WF4 (ONLY for vers. CC/CV)</li> <li>• Remote control: RC2 - RC2/90° (cable 20m) TC7 (cable 20m)</li> </ul>			<ul style="list-style-type: none"> <li>• Welding cables: K400 (20+15m, 50mm<sup>2</sup>)</li> <li>• Welding kit (mask, gloves, etc.)</li> <li>• Earthing kit</li> </ul>			<ul style="list-style-type: none"> <li>• Site tow CTL330</li> <li>• Road trolley CTV4</li> </ul>					
VERSION ON REQUEST	<ul style="list-style-type: none"> <li>• Auxiliary output 400Y/230I/48I: 1x400V 32A 3P+N+T CEE - 2x230V 16A 2P+T CEE</li> <li>• Auxiliary output 400Y/230I: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x230V 16A 2P+T CEE - 1x230V 16A 2P+T SCHUKO</li> <li>• Auxiliary output 400Y/230I/110I: 1x400V 32A 3P+N+T CEE - 1x230V 16A 2P+T CEE - 1x110V 32A 2P+T CEE - 1x110V 16A 2P+T CEE</li> <li>• PL version: version with polarity change</li> </ul>											
OPTIONS FACTORY INSTALLED	<ul style="list-style-type: none"> <li>• VRD - Voltage reduction device</li> <li>• Spark arrestor</li> </ul>			<ul style="list-style-type: none"> <li>• Isometer</li> <li>• Auto Idle</li> </ul>								

### Technical data

### CS 350 KSX CC/CV

#### D.C. WELDING (Constant Current)

Current range	20 - 350A
Duty cycle	350A - 35%, 300 A - 60%, 250A - 100%
Open circuit voltage	66V

#### 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 <sup>3</sup>
Speed	3000 rpm.
Fuel consumption (welding 60%)	2.5 l/h

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

### GENERAL SPECIFICATIONS

Tank capacity	38 l
Running time (welding 60%)	15.2 h
IP protection degree	IP 23
* Dimensions LxIhx (mm)	1230x690x925
* Dry weight	345 kg
** Measured acoustic power LwA (pressure LpA)	95 dB(A) (70 dB(A) @ 7m)
** Guaranteed acoustic power LwA (pressure LpA)	95 dB(A) (70 dB(A) @ 7m)

\* Values shown do not include trolleys \*\* Acoustic power according to European Directive 2000/14/EC.

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