

ENGINE DRIVEN WELDER

TS 350 YSX - BC

FEATURES

- Arc welding source in D.C. welding
- Electronic regulation of welding current
- Welds any type of electrode, including cellulosic
- Special BC (Base Current) circuit for vertical-down pipe welding
- Double welding range (HALF/FULL - 50% / 100%)
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Emergency stop button
- Bundled base
- Meets EC directives for noise and safety



The images are for reference

Standard equipment												
	Diesel engine	Water cooled	Battery 12V	Fuel level gauge	Hours-meter	EP7	Electric starter	Oil pressure shut down	High temp. engine shut down	Shut down battery charge	Low fuel shut down	Warning light for preheating glow plug
Options on request												
	Asynchronous alternator	Welding current electr. regulation	Base current diode bridge	Sockets 3~	Sockets 1~	Ground fault interruptor	Thermal shut off	Voltmeter	Emergency stop button	Ready for TC	Central lifting eye	
Version on request												
	• Tank locking cap • Remote control: RC2 - RC2/90° (cable 20m) RCPL (with polarity change switch (cable 20m)) • Welding cables: K400 (20+15m, 50mm²) • Welding kit (mask, gloves, etc.) • Earthing kit • Site tow CTL400 • Road trolley CTV4											
Options factory installed												
	• Auxiliary output: 400Y - 230I : 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 16A 2P+T CEE - 1x110V 32A 2P+T CEE - 1x110V 16A 2P+T CEE • Auto Idle • Isometer • Polarity change • Sockets Schuko • Spark arrestor											

Technical data

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D.C. WELDING (Constant Current)

Current range	20A ÷ 350A
Duty cycle	350A-35%; 320A-60%; 270A-100%
Open circuit voltage	65V

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

Three-phase power	12 kVA / 400 V / 17.3 A
Single-phase power	7 kVA / 230 V / 30.4 A
Single-phase power	3.5 kVA / 110 V / 31.8 A
Insulation class	H

ENGINE - Diesel, 4-stroke, direct injection, water cooled

Model	Yanmar 3 TNV 80 Stage V
* Output	16.5 kW (25.4 HP)
Cylinders / Displacement	3/ 1116 cm³ 3000
Speed	rpm.
Fuel consumption (welding 60%)	3.4 l/h

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

GENERAL SPECIFICATIONS

Tank capacity	45 l
Running time (welding 60%)	13 h
IP protection degree	IP 23
* Dimensions LxIhx (mm)	1610x720x1110
* Dry weight	530 kg
** Measured acoustic power LwA (pressure LpA)	92 LWA (67 dB(A) @ 7m)
** Guaranteed acoustic power LwA (pressure LpA)	93 LWA (68 dB(A) @ 7m)

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

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