

ENGINE DRIVEN WELDER TS 350 YSX - BC

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- Special BC (Base Current) circuit for pipes descending welding
- Double welding range (HALF/FULL - 50% / 100%)
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Engine Diesel YANMAR water cooling
- Engine protection EP7
- Emergency Stop button
- Bunded base
- Site tow CTL400 (on request)
- Welding remote control (optional)
- Meets EC directives for noise and security



Standard equipment												
	Asynchronous alternator	Welding current electr. regulation	Base current diode bridge	Socket 3~	Socket 1~	Output 48 V	Ground fault interrupter	Thermal shut off	Voltmeter	Emergency Stop button	Ready for TC	Central lifting eye
Options on request	<ul style="list-style-type: none"> ● 400V Plugs ● 230V Plugs ● 110V Plugs ● Tank locking cap 			<ul style="list-style-type: none"> ● Welding cables K400 (20+15m, 50mm²) ● Remote control: RC2 (cable 20m) - RC2 90°(cable 20m) RCPL (with polarity change switch - cable 20m) ● Welding kit (mask, gloves, etc.) 				<ul style="list-style-type: none"> ● Remote control adaptor RC/TC ● Earthing kit ● 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 - 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 											
Factory installation option	<ul style="list-style-type: none"> ● Auto Idle - Economiser function ● Isometer 			<ul style="list-style-type: none"> ● Polarity change ● Schuko sockets 			<ul style="list-style-type: none"> ● Spark arrestor 					

Technical data

TS 350 YSX - BC

D.C. WELDING (Constant Current)

Current range, continuous	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 generation	12 kVA / 400 V / 17.3 A
Single-phase generation	7 kVA / 230 V / 30.4 A
Single-phase generation	3.5 kVA / 110 V / 31.8 A
Single-phase generation	5 kVA / 48 V / 104 A
Insulation class	H

ENGINE

Diesel, 4-stroke, direct injection, water cooled

Model	Yanmar 3 TNV 76
* Output	16.5 kW (25.4 HP)
Speed	3000 rpm
Displacement / Cylinders	1116 cm ³ / 3
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 LxHxh (mm)	1610x720x1110
* Dry weight	535 kg
** Measured acoustic power LwA (pressure LpA)	92 dB(A) (67 dB(A) @ 7m)
** Guaranteed acoustic power LwA (pressure LpA)	93 dB(A) (68 dB(A) @ 7m)

* Dimensions and weight without trolley/trailer. ** Acoustic power according to European Directive 2000/14/EC

Mosa reserves the right to change this specification without notice. For further information please contact the sales department