

ENGINE DRIVEN WELDER TS 350 YSX-BC



- Yanmar, water cooled diesel engine EPA-EURO 2 compliant
- Closed crankcase ventilation system (built-in blow-by)
- Welding constant current with electronic regulation
- Special circuit for cellulose electrodes (base current)
- EP7 engine shutdown (oil pressure/high temperature/low fuel/battery charge)
- 2 welding ranges (half/full)
- Auxiliary power available while welding
- Bundled base
- Large fuel tank (45l)
- Emergency stop button
- Meets EEC directives

Standard equipment	Diesel engine		Water cooling		EP7 Engine protection and economizer		Electric starter		Engine shut down temp.		Engine shut down oil		Engine shut down battery charge		Engine shut down low fuel gauge		Warning light for preheating glow plug		Battery 12V		Hour meter			
	Welding current electr. regulation		Base current diode bridge		Voltmeter		Ground fault interrupter		Thermal circuit breaker		Emergency stop button		Ready for TC		Central lifting eye									
Options field installed	● Plugs								● Welding cables K400 (20+15m, 50mm ²)		● Remote control TCPL4 with cable 20m								● Site tow CTL400		● Road tow CTV4		● Earthing kit MT10	
Options factory installed	● PL: Polarity Change		● Spark arrestor muffler						● Isometer only for: 400T 230Mx3 CEE/Schuko		● Kit schuko		● Auto Idle											
AUX Version	● 400T (1x32A5P)-230M (1x32A-2x16A CEE/Schuko)		● 400T (1x32A5P)-230M (1x32A)-110M CTE (2x16A)		● On request 60Hz Versions						● 400T (1x32A5P)-230M (1x32A)-110DC (2x16A)		● 400T (1x32A5P)-230M (1x32A)-48M											

Technical data

TS 350 YSX-BC

D.C. WELDING	DC Stick (SMAW) - DC Tig (GTAW)
Current range, continuous	20 - 350 A
Open circuit voltage	65 V
Duty cycle	350 A 35%, 320 A - 60%, 270 A - 100%
A.C. GENERATION	50 Hz, asynchronous, three-phase, self-excited, self-regulated, brushless
Three-phase generation	12 kVA / 400 V / 17.3 A
Single-phase generation	7 kVA / 230 V / 30.4 A
Single-phase generation (option)	3.5 kVA / 110 V / 32 A
Duty cycle	100%
Insulating class	H
ENGINE	Diesel, 4-stroke, water cooled
Type	YANMAR 3 TNV 76
Output *	16.5 kW (22.3 HP)
Speed	3000 rpm
Displacement	1116 cm ³
Cylinders	3
Fuel consumption	306 g/kWh

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

GENERAL SPECIFICATIONS

Tank capacity	45 l
Running time (at duty cycle 60%)	13 h
Protection	IP 23
Dimensions * Lxwxh (mm)	1610x720x1100
Weight *	535 kg
Measured acoustic power **	93 LWA (68 dB(A) - 7m)
Guaranteed acoustic power **	94 LWA (69 dB(A) - 7m)

* Dimensions and weight are inclusive of all parts without wheels and towbar ** Acoustic power according to 2000/14-CE

Values shown are nominal values. For further information please contact the sales department.