

ENGINE DRIVEN WELDER

TS 350 YSX/EL -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	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
Options field installed											
	Plugs	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 factory installed											
	Welding cables K400 (20+15m, 50mm ²) Remote control TCPL4 with cable 20m	Isometer only for: 400T 230Mx3 CEE/Schuko 400T 230M 110DC	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

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)	1570x720x1100
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.