















# 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 costant current with electonic 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
- Bunded base
- Large fuel tank (451)
- Emergency stop button Meets EEC directives

## Standard equipment



engine

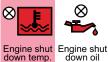






starter





































Earthing kit MT10



installed

Plugs

Welding cables K400 (20+15m, 50mm<sup>2</sup>)

Remote control TCPL4 with cable 20m

Isometer only for: 400T 230Mx3 CEE/Schuko

400T 230M 110DC

Site tow CTL400 Road tow CTV4

**Options** 

- PL: Polarity Change factory installed • Spark arrestor muffler
- 400T (1x32A5P)-230M (1x32A)-110DC (2x16A)

Kit schuko

Auto Idle

400T (1x32A5P)-230M (1x32A)-48M



Version

- 400T (1x32A5P)-230M (1x32A-2x16A CEE/Schuko) 400T (1x32A5P)-230M (1x32A)-110M CTE (2x16A)
- On request 60Hz Versions

### **TS 350 YSX-BC** Technical data

#### D.C. WELDING DC Stick (SMAW) - DC Tig (GTAW)

20 - 350 A Current range, continuous 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 Н

#### **ENGINE** Diesel, 4-stroke, water cooled

Type YANMAR 3 TNV 76 Output \* 16.5 kW (22.3 HP) Speed 3000 rpm

**Displacement** 1116 cm<sup>3</sup> Cylinders

Fuel consumption 306 g/kWh \* Maximum output (not overloadable) according to ISO 3046/1

**GENERAL SPECIFICATIONS** 

Tank capacity 45 I Running time (at duty cycle 60%) 13 h **Protection IP 23** 

Dimensions \* Lxwxh (mm) 1610x720x1100

535 kg Weight '

93 LWA (68 dB(A) - 7m) Measured acustic power \*\* Guaranteed acustic power \*\* 94 LWA (69 dB(A) - 7m)

<sup>\*</sup> Dimensions and weight are inclusive of all parts without wheels and towbar \*\* Acustic power according to 2000/14-CE