

















# **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























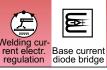








Asynchronous alternator













interrupter

T Thermal shut off

V Voltmeter

Three-phase asyncronous alternator, self-regulated, self-excited, brushless







**Options** on request

- 400V Plugs
  - 230V Plugs
  - 110V Plugs
  - Tank locking cap
- 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.)

- Remote control adaptor RC/TC
- Earthing kit
- Site tow CTL400
- Road trolley CTV4



Version on request

- 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

- Auto Idle Economiser function
- Isometer

- Polarity change
- Spark arrestor
- Schuko sockets

# Technical data

### **TS 350 YSX - BC**

#### **D.C. WELDING (Costant Current)**

Current range, continuous

**Duty cycle** 

Open circuit voltage

20A ÷ 350A

350A-35%; 320A-60%; 270A-100%

65V

#### A.C. GENERATION - 50Hz

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 Н

**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<sup>3</sup> / 3 Fuel consumption (welding 60%) 3.4 l/h

#### **GENERAL SPECIFICATIONS**

Tank capacity 45 I Running time (welding 60%) 13 h IP protection degree IP 23

\* Dimensions Lxlxh (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

<sup>\*</sup> Maximum output (not overloadable) according to ISO 3046-1