

# WELLMAKER 300AVC

## Dimensions:

L 1270mm W 705mm H 760mm

Wet weight: 327kg



The Weldmaker 300AVC is designed for use in a wide range of applications. Average sound levels of the welder generator are 66dB(A) at 7m, meeting all the latest European noise and CE legislation. With compact design and weighing significantly less than comparable models, the Weldmaker 300AVC is easy to transport.

Powered by an electric start Kubota diesel engine, the Weldmaker 300AVC combines a highly intelligent engine management system with increased welding output of 30 to 300 amps. It offers 15 hours of operation and significant savings for customers on fuel costs, weight and noise.

The welder generator is also fitted with auto shutdown to prevent damage, which will operate in the event of low oil pressure/high water temperature, thermal overload or charging failure.



## Specifications

|                              |   |
|------------------------------|---|
| Welding Output               | 30 to 300amps DC  |
| Auxiliary Output             | 110V AC 3kW 50Hz - 1 x 32amp % 1 x 16amp output receptacles               |
| Average Sound Pressure Level | 66dB(A) @ 7metres   |
| Engine Type                  | Kubota D722 three cylinder water cooled diesel engine with electric start |
| Fuel Tank Capacity           | 19 Litre  |
| Fuel Consumption             | 1.81 Litres per hour  |
| Running Time                 | 10.5 Hours  |

## Safety Features

- **Auto engine shutdown** will operate in the event of low oil pressure, high water temperature, thermal overload, charging failure or with door opening for enhanced safety.
- **Earth leakage circuit breaker** and earth rod fitted for increased site safety.
- **Emergency stop button.**



## Applications

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## Features and Benefits

**Super silent operation** reduces noise pollution.

**Welding** up to 6.00mm electrodes.

**Excellent arc characteristics** for all types of manual metal arc electrodes including cellulosic types.

**Compact design**, weight reduced by up to 20% over previous models. Available skid, trolley mounted with fold away handles or on road tow trailer.

**Micro processor** controlled engine output automatically controls the welding and auxiliary output required reducing fuel consumption by up to 40% over previous models.

**Auto-idle** giving up to 10.5hrs operation with no need to refuel.

**Welding and auxiliary outputs** can be used simultaneously.

**Infinitely variable amperage control** for precise setting

**E-mode** tailors engine speed to required load.

**Brushless generator** reduces maintenance costs.

## Optional Extras:

- Road towable trailer
- Wheel barrow trolley with foldaway handles
- Welding cables
- Parallel box
- Wire feed unit
- Remote control
- TIG welding HF unit with slope in/slope out

## Road Tow Trailer:

**L 2475mm W 1260mm H 1130mm**

**Wet weight 390kg**

## Optional Specifications:

### Petrochemical specification

- Spark arrestor
- Chalwyn valve

## Offshore Specifications:

- Spark arrestor
- Chalwyn valve
- Drip tray
- Fuel water trap
- Anti-static fan belt
- Braided fuel lines
- Battery isolator switch
- Fuel isolator shut off valve

