

ARC GEN

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.

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**

Optional Specifications:

Petrochemical specification

- Spark arrestor
- Chalwyn valve

Offshore specification

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

Specifications are subject to change without prior notice

Features:

- **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



Applications



BUILT TO PERFORM



SPECIFICATION	
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 litres
FUEL CONSUMPTION	1.81 litres per hour
RUNNING TIME	10.5 hours

Dimensions:

L 1270mm W 705mm H 760mm
Wet weight 327kg

Road tow trailer

L 2475mm W 1260mm H 1130mm
Wet weight 390kg

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