

# WELDMAKER 500CC/CV5



## Specifications

Welding Output	CC mode: 40 to 480 amps DC CV mode: 14 to 39 Volts DC
Auxiliary Output	3 Phase 415V AC 50Hz 12.5kVA 16amp 1 Phase 120V AC 50Hz 5kVA 63amp
Average Sound Pressure Level	64dB(A) @ 7metres
Engine Type	Kubota V1505-CR-TE5B four-cylinder water-cooled diesel engine
Fuel Tank Capacity	65 Litres
Fuel Consumption	4.1 Litres per hour
Running Time	15 Hours

## Dimensions

### Base Machine:

L 1540mm W 720mm H 1055mm (Wet weight 665kg)

## 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.

RCBO and earth rod fitted for increased site safety.

**Emergency stop button.**

## Optional Extras

- Road towable trailer
- Welding cables
- Wire feed unit
- Remote control
- 32A 110V socket modification
- TIG HF box with slope in/slope out

## Optional Specifications

### Petrochemical Specification

- Spark arrestor
- Chalwyn valve



### Applications

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## Features

**Super silent operation** reduces noise pollution.

**Welding up to 10.00mm electrodes.**

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

**Infinitely variable amperage control** for precise setting.

**Constant current and constant voltage output** for MMA & MIG welding.

**Digital setting and output gauges** for accurate current & voltage setting and monitoring.

**Compact design** available skid mounted or on road tow trailer.

**AVR controlled** providing voltage regulation of +/-1.5%.

**Arc force control** providing excellent control of welding characteristics.

**E-mode** allowing welding operation 30 – 240 amps whilst engine remains idling.

**Auto-idle** giving up to 15hrs operation with no need to refuel.

**High 110v Power** 5kva 110 AC with 63a socket to power heavy duty site equipment

## Offshore Specification

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

