

## WELDMAKER 400CC/CV

### Specifications

Welding Output	CC mode: 30 to 400amps DC CV mode: 14 to 33 Volts DC
Auxiliary Output	3 Phase 415V AC 50Hz 11.5kVA 16amp 1 Phase 240V AC 50Hz 3.6kVA 1 Phase 120V AC 50Hz 1.8kVA
Average Sound Pressure Level	69dB(A) @ 7metres
Engine Type	Kubota D1105 four-cylinder water-cooled diesel engine with electric start
Fuel Tank Capacity	40 Litre
Fuel Consumption	3.44 Litres per hour
Running Time	11 Hours

### Dimensions

#### Base Machine:

L 1570mm W 750mm H 885mm (Wet weight 550kg)

#### Road Tow Trailer:

L 2685mm W 1260mm H 1245mm (Wet weight 614kg)

### 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 8.00mm 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 welding characteristics, especially for cellulosic pipeline welding.

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

**Auto-idle** giving up to 11 hrs operation with no need to refuel.

**Brushless generator** reduces maintenance costs.

### Offshore Specification

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

