

ARC GEN



The super silent **Weldmaker 400CC/CV** brings ultimate efficiency and complete reliability to the welder generator market whilst ensuring ease of operation and user safety.

Digital setting and output gauges give the user complete control, and with infinitely variable control, the **Weldmaker 400CC/CV** ensures precise current and voltage setting and monitoring.

For improved flexibility, the **Weldmaker 400CC/CV** has three phase auxiliary output for additional site machinery with 3 phase 415V which can be used simultaneously, whilst the E-mode switch allows welding operation as the engine idles, and gradually increases engine speed with demand.

ArcGen prides itself on the efficiency of its products and the Kubota V1305 four cylinder water cooled stage 5 diesel engine with electric start consumes 3.44 litres of fuel per hour. Arguably the most fuel efficient 400A welder available and silenced to 69dB(A) at 7 metres, the **Weldmaker 400CC/CV** is one of the most environmentally friendly and economical welder generators on the market. It meets all the latest European noise and CE legislation.

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**
- **Stage 5 Engine**

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

Applications



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 & 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 – 240amps whilst engine remains idling
- **Auto-idle** giving up to 11hrs operation with no need to refuel
- **Brushless generator** reduces maintenance costs



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SPECIFICATION	
WELDING OUTPUT	CC mode: 30 to 400amps DC CV mode: 14 to 34 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 V1305 four cylinder water cooled diesel engine with electric start
FUEL TANK CAPACITY	40 litres
FUEL CONSUMPTION	3.44 litres per hour
RUNNING TIME	11 hours

Dimensions:
L 1570mm W 750mm H 885mm
Wet weight 550kg

Road tow trailer
L 2685mm W 1260mm H 1245mm
Wet weight 614kg

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

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