

ARC GEN



The **Weldmaker 330CC/CV** really is the machine for any job. With digital CC/CV current/voltage setting the machine is capable of welding stick, MIG (with optional wire feed unit) and TIG (with optional HF slope in/out unit). The machine is capable of all this whilst simultaneously providing 8kVA 3 phase power and 3kVA 110V. Never before has the UK welding market seen such a reliable, economical and versatile welder generator in such a compact package.

It provides excellent welding characteristics for all types of DC manual metal arc electrodes, especially cellulosic types for pipeline welding. Digital setting and output gauges ensure accurate current, voltage setting and monitoring.

The efficient Kubota D902 three cylinder water cooled stage 5 diesel engine with electric start provides outstanding fuel consumption savings and its auto-idle facility provides up to 15.5 hours of use with no refueling. The ultra fuel efficient E-mode allows welding operation whilst the engine idles and gradually increases engine speed with demand.

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

Applications



Spectrum Welding Supplies Ltd. Spectrum House, McGregor's Way, Chesterfield, Derbyshire, S40 2WB

Features:

- **Fully compliant** with latest CE and EU standards
- **Super silent operation** reduces noise pollution
- **Automatic engine start and stop** creating unrivalled fuel consumption savings
- **Welding** up to 6.00mm electrodes
- **Welding and auxiliary outputs** can be used simultaneously
- **Infinitely variable amperage/voltage** control for precise setting
- **Constant current** and 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 – 150amps whilst engine remains idling
- **Auto-idle** giving up to 15.5hrs operation with no need to refuel
- **Brushless generator** reduces maintenance costs
- **Digital fault readout** diagnosis system





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SPECIFICATION

WELDING OUTPUT	Single mode CC mode 30 to 300amps DC CV mode 14 to 32volts DC
AUXILIARY OUTPUT	3 Phase 415V AC 50Hz 8kVA 10amp 1 Phase 110V AC 50Hz 3kVA 32amp 1 Phase 110V AC 50Hz 3kVA 16amp
AVERAGE SOUND PRESSURE LEVEL	67dB(A) @ 7metres
ENGINE TYPE	Kubota D902 three cylinder water cooled diesel engine with electric start
FUEL TANK CAPACITY	36 litres
FUEL CONSUMPTION	2.32 litres per hour
RUNNING TIME	15.5 hours

Dimensions:

L 1325mm W 720mm H 835mm
Wet weight 456kg

Road tow trailer

L 2505mm W 1260mm H 1190mm
Wet weight 519kg

Optional extras:

- Road towable trailer
- Wheel barrow trolley with foldaway handles
- Welding cables
- Wire feed unit
- Remote control



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