

Weldmaker

240CC/CV & 500CC/CV



ARC  **GEN**

Features

- Multi-Process Welder/Generators
- Constant Current Output for MMA and TIG welding
- Constant Voltage Output for MIG/MAG welding
- Kubota engine
- Super Silent Operation
- Outstanding arc characteristics
- Compact Design



The Weldmaker 240CC/CV and Weldmaker 500CC/CV are multi-purpose welder/generators providing outstanding arc characteristics for manual metal arc and tig welding in the constant current mode and mig/mag welding in the constant voltage mode using optional add on tig units or mig/mag wire feed units.

Remote control facilities are fitted as standard on the control panel with a remote control box and cable optionally available. The Weldmaker 500CC/CV has three option kits available, which are a reverse polarity switch, welding ammeter and voltmeter and engine monitor gauges.

Powered by electric start Kubota diesel engines, both machines have auto-idle fitted as standard, which operates from the welding and auxiliary output reducing operating noise and fuel consumption. Auto shutdown is fitted to the machines, which will operate in the event of low oil pressure/high water temperature or thermal overload if the generator overheats.

Super silent in operation the Weldmaker 240CC/CV and 500CC/CV meet all the latest European sound and CE legislation.



Specification

	Weldmaker 240CC/CV	Weldmaker 500CC/CV
Welding output	CC Mode 50 to 240 amps DC 200 amps at a 100% duty cycle CV Mode 15 to 28V DC 200 amps at a 100% duty cycle	CC mode Low Range 50 to 250amps DC High Range 200 to 500 amps DC 450 amps at a 60% duty cycle CV mode Low Range 16 to 25V DC High Range 22 to 40V DC 450 amps at a 60% duty cycle
Rated Speed	3600 rpm	Low range 2000 rpm High range 2800 rpm
Auxiliary Output	110V AC 6kW 60Hz	110V AC 3kW 50Hz
Engine	Kubota Z482 2 Cylinder water cooled	Kubota D1703 3 Cylinder water cooled
Sound Level	66dB(A) at 7m	73dB(A) at 7m
Fuel Capacity	19 litres	45 litres
Fuel Consumption on a 70% duty cycle	1.78 litres per hour at 170 amps	4.85 litres per hour at 400 amps
Dimensions		
Base mounted	L 1.25m W 0.65m H 0.72m Wt 305Kg (dry)	L 1.3m W 0.8m H 0.87m Wt 465Kg (dry)
Road Trailer (ball hitch)	L 2.38m W 1.18m H 1.14m Wt 377Kg (dry)	L 2.53m W 1.18m H 1.3m Wt 537Kg (dry)



Station Road, Four Ashes, Wolverhampton WV10 7DB
Telephone: 01902 790824 Fax: 01902 790355
eMail: sales@arcgen.freemove.co.uk
www.arcgen.freemove.co.uk

As Arc-Gen policy is one of continuous improvement, the company reserves the right to change design and specification without notice

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