

**BRAND NEW
MACHINE**

**Inverter Fusion AC/DC 210
HF Package**

210A of Tig Power, 170A of MMA Power, AC for Aluminium, DC for Stainless/Mild Steel, Pulse Function, Single Knob Control, IFL Toughened Housing, New Micro-Processor Ignition, Power Factor Correction



Please Note - This machine comes complete with Torch, Regulator, Flow Meter and Accessory Kit

Price Beat!

- If you can find the models we list at a better price, ring us now! We'll try to beat it (Proof of price required)

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Silver solder, welding curtains, gas rods, cutting & grinding discs, pickling paste, trolleys, safety footwear etc

The Fusion AC/DC is a powerful AC/DC Inverter, equally at home in the work shop or on site. Housed in the now famous Inverter Fusion toughened Nylon case the unit weighs only 9kG. Set up of the unit is easily and safely achieved by the use of our new single control knob, which is turned to select and pressed to confirm each setting. By use of the LED's and 3 digit display the settings can be accurately set and reproduced. The unit is for universal use on high and low alloyed steels as well as aluminium and its alloys.

Power Factor Correction: This circuit increase the power factor from 0.71 to 0.99 this reduces the power draw from the mains or generator supply allowing for the high output to be achieved with only the 16A fuse.

Generator Friendly: The unit is designed to run with an Asynchronous 8kVA Generator. The system continuously monitors the supply voltage and will cut out the machine if the supply voltage fluctuations are outside the pre-described limits.

Thermal Protection: The Fusion 210 AC/DC has a thermal sensor situated on the power semiconductors to accurately monitor the operating temperature.

General Protection: All power semiconductors are potted in a single module for maximum protection, all other electronic components are treated with a protective lacquer ensuring the electronics is completely protected against moisture and dirt.

Electronic Ignition Control: This circuit collects the operator settings data from the processor and automatically adjusts the initial ignition settings, to provide the optimum start every time for both TIG and MMA resulting in a clean electrode and work piece.

Future Proof Control: Use of a software controlled micro-processor enables future application developments to be retro fitted by means of software updates.

Noise Reduction: During the Welding of Aluminium the noise is significantly reduced by means of this newly

TIG Output	5 – 210A
MMA (Stick) Output	5 – 170A
Duty Cycle TIG 20°C / 40°C	50 / 30
Duty Cycle MMA 20°C / 40°C	90 / 35
Welding Current at 100% 20°C / 40°C TIG	175 / 140
Welding Current at 100% 20°C / 40°C MMA	160 / 120
Power Consumption TIG	4.8kVA
Power Consumption MMA	5.5kVA
Mains Supply	230V 50Hz
Mains Voltage Compensation	-15% + 10%
Fuse Rating	16A
Power Factor	0.99
Protection Classification	IP23
Insulation Classification	H
Torch Cooling	Gas
Dimensions	365x360x220
Weight	9.0kG

Carriage Free

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