

CMI161™

Handy & Portable MIG/MAG Welder



CMI161 is a compact and portable multi-functional welding machine that offers all processes at your fingertips – MIG, MMA and simple TIG. Anytime, anywhere.

The machine is single-phase (230 V) and has PFC – Power Factor Correction – to allow you to weld with a long mains cable or a generator as your power source.

MIG with built-in intelligence Just switch on, press and weld...!

Select MIG directly on the digital control panel. Enter the wire/gas combination ... CMI161 sets all other parameters.



MMA welding and simple TIG

With an MMA electrode holder (optional accessory), CMI161 uses standard electrodes of up to 3.2 mm. The Hotstart and Arc Force help functions are built in. With a TIG torch (optional accessory), the welding machine also handles the most standard TIG welding jobs – with simple scratch ignition.

The CMI161 is designed as a compact multiprocess machine, primarily for MIG welding but also for the MMA welding process; a modern single-phase 230V inverter machine suitable for workshop use and site welding operations.

Features and Benefits

- **Compact and Portable** - technicians move easily around the workshop
- **Power Factor Correction** – allows welding with a long mains cable or a generator as power source.
- **Easy to use** - Enter wire/gas combination and the synergic welding program calculates the rest
- **Versatile** - Handles MIG and TIG (most) welding jobs
- **Fast** - with accessories that speed up the welding process - MMA Electrode holder, TIG Torch and much more
- **Complete** - room for 5kg wire spools, welding and brazing
- **Easy to update** program with SD Card

In the workshop, on the road, at service calls - where ever you need it!



Ideal for Workshops and Service Vehicles



MIG-A Twist®
the new firing generation

The swan neck rotates 360° for ultimate functionality and comfort.

MIG-A Twist, with or without adjustment from the welding handle (optional), is the ultimate match to the Automotive machine's function panel.

Ignite – push – weld!



Technical data

	CMI161
Input Voltage +/- 15%	230V , 50-60Hz, 1-ph
Fuse	16A
Current Range	20-160A
Open Circuit Voltage	90V
Duty Cycle 100% at 60°C	145A
Duty Cycle 100% at 40°C	165A
Voltage Steps	Stepless, synergic
Wire Dimensions	0.6 - 0.8 mm
Wire Reel Dimensions	5 kg
Wire Reel Speed	Synergic
Protection Class	IP223
Weight	13 kg
Dimensions LxWxH, cm	45 x 23 x 37



Prepared For the Future

CMI161 has room for 5 kg welding and brazing wire spools – and reversed polarity for welding with innershield wire (without gas). In the wire compartment, you will find the SD card reader which gives you access to future program updates using an SD card.



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