MIG (GMAW) EQUIPMENT

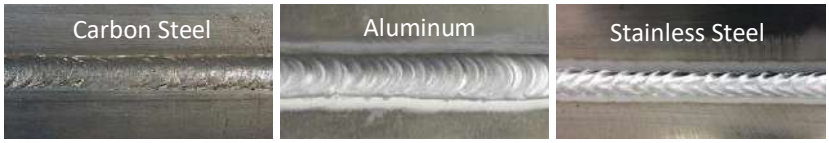
Fabrication Simplified

CWMIG400iJ

The **CWMIG400iJ** is an inverter based portable **MIG** welding machine with an integrated **MMA** function. The MIG function allows you to weld with both **Gas Shielded** and **Gasless** wire applications for mild steel, aluminium, flux-cored, stainless steel.

MIG ARC CV DC

Welding Effect



SPECIFICATIONS	CWMIG400iJ
Input supply	AC415V±15%
Phase	3
Frequency	50/60 Hz
Max input KVA@100% duty cycle	16
Open circuit voltage	65 V
Current setting range	40-400 A
Voltage setting range	16-34 V
Maximum welding output	400 A
Welding current @60% duty cycle	400 A
Welding current @100% duty cycle	310 A
Enclosure class	IP21
Efficiency maximum current	85 %
Power factor maximum current	0.93
Insulation	H
Wire feed speed	1.5 to 20 m/min
Suitable wire diameter	0.8 - 1.4 mm
Wire feeder speed control	Stepless
Welding torch - rated welding current	450 A
Cooling	Forced Air
Wire feeder dimensions (HxLxW)	280x460x200 mm
Power source dimensions (HxLxW)	525x590x295 mm
Wire feeder weight	9.5 kg
Power source weight	56 kg

The **CWMIG400iJ** Compact MIG Welder combines immense power with ultra-smooth arc characteristics. It has been designed for users who need a welder to do medium to heavy fabrication, as well as rural applications. The system includes several special functions for fine-tuning the start and end of your welds.

- Built with reliable and energy efficient IGBT inverter technology
- Accepts a wide range of wire diameters from 0.8 up to 1.2 mm, and with cored wires up to 1.6 mm
- Excellent arc stability reduces spatter and the need for post-weld grinding
- Reliable components designed to run cool for long life in high temperature environments
- Wide Voltage tolerance for stable welding output
- Variable inductance control for better arc performance
- Energy savings with high power factor & efficiency