

MIG 500

Water Cooled Welding System

Core Benefits

- Digital Display: Precise control
- Water Cooler: Efficient cooling
- IGBT Technology: High performance
- 4-Roll Wire Feed: Smooth feeding
- Wire Sizes: 0.6MM - 1.6MM
- Built-in Trolley: Easy mobility
- Overload Safety: Auto shutdown
- Durable Build: Long-lasting
- User-Friendly: Simple interface
- Multi-Process Capability

Weld Anywhere with Ease!

Compact all-in-one trolley with CO₂/Argon cylinder, water cooling unit, wire feeder, MIG torch holder, and MIG power source for ultimate mobility and convenience.



CWMIG500P

Key Features

Advanced Cooling Technology: Efficient water-cooled system extends machine lifespan and ensures consistent performance, even during prolonged use.

High Output Range: Delivers powerful welding capabilities with a range of 50 - 500 A, suitable for various applications and materials.

Versatile Welding Modes: Supports MIG/GMAW, FCAW, and MMA welding processes, providing flexibility for different welding tasks.

Precision Digital Controls: Easy-to-use digital interface with dual displays for precise voltage and current adjustments.

4-Roll Wire Feed System: Delivers smooth and consistent wire feeding, ensuring reliable performance. This system enhances weld quality by maintaining steady wire flow, minimizing defects.

Durable Construction: Engineered for industrial use with top-quality materials and components, ensuring strength and long-lasting performance. This robust design guarantees reliability and durability in demanding environments.

Automatic Overload Protection: Safeguards the machine with automatic shutdown in case of overload, enhancing safety and reliability.

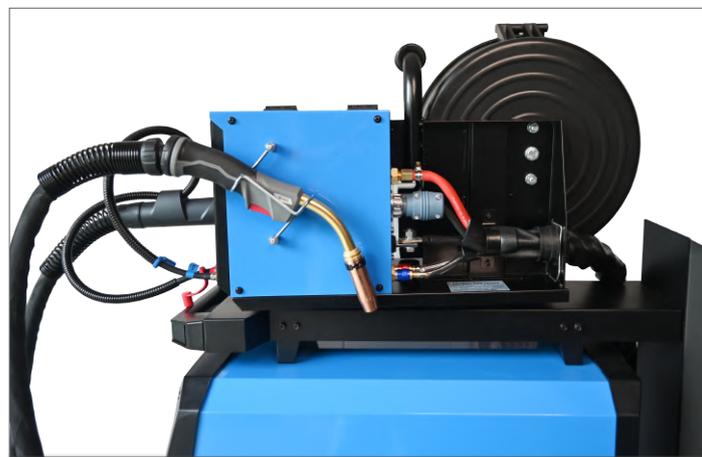
Versatile Gas Compatibility: Seamlessly works with Argon, CO₂, and mixed gases, and supports gasless welding with FCAW, offering flexibility for a range of welding applications.

Portable Design: Equipped with an inverter trolley designed to hold a full-size gas bottle, making it easy to transport and set up.

Integrated Spool Gun Compatibility: Easily switch between welding materials with a convenient spool gun, offering versatility and seamless transitions.

Power, Precision, Performance – Weld with Confidence! Experience elite welding capabilities with the MIG-500 Water-Cooled System. Featuring advanced cooling and precise digital controls, it's designed for unmatched performance in heavy-duty applications. Whether you're working with diverse materials or demanding tasks, this powerhouse delivers exceptional results every time.

Product Name	CWMIG500P
Mains Voltage	3PH~400V ±15%
Network Frequency	50/60 Hz
Welding Processes	MIG/GMAW, FCAW, MMA
Output Current Range (MIG)	50 - 500 A
Output Current Range (MMA)	30 - 500 A
Wire Diameter Range	1.0-1.6 mm
Voltage Adjustment Range	15.5 - 50 V
Open Circuit Voltage	70V~80V
Cooling Type	Water
Protection Class	IP21S
Input Power	24.2 kVA
Rated Input Current:	37 A
No-Load Voltage	80 V
Efficiency	91%
Power Factor	0.93
Wire Feeder	4-Rollers
Wire Speed	1.5 - 22 m/min
Insulation Class	H
Torch Cooling	Integrated water cooling
Display Type	Dual digital displays
Gas Compatibility	Argon, CO ₂ , mixed gases
Overload Protection	Automatic shutdown
Wire Spool Capacity	Up to 18 kg
Dimensions(L*W*H)	1040X515X1415 mm
Weight	110 kg



Advanced Wire Feed System

This component features a robust 4-roll wire feed unit, designed for smooth and consistent wire delivery. The easy-to-use MIG torch holder ensures secure placement and quick access, making it ideal for high-efficiency welding operations. With precise wire tension control and an intuitive interface, this setup enhances weld quality and reduces feed-related issues, ensuring professional results every time.



Inbuilt Water Cooling Unit

This integrated water cooling unit ensures your MIG-500 operates at optimal temperatures, even during extended welding sessions. By efficiently managing heat, it prolongs the life of the machine and maintains consistent performance. The compact design fits seamlessly into the unit, providing hassle-free mobility and operation. Perfect for heavy-duty welding tasks that demand reliability and durability.

Cruxweld MIG 500: Revolutionize Your Welds!

Cruxweld MIG 500 is the ideal welder for both manual and automated welding applications. It operates at a 100% duty cycle, making it perfect for extended use. This versatile machine is suitable for welding mild steel, stainless steel, and aluminum. It can seamlessly work with or without gas, accommodating both FCAW and MIG wire. Whether you're a professional welder or an industry expert, the MIG 500 delivers precision, reliability, and superior results every time.

MIG 500 welding samples showcase smooth, consistent welds with clean finishes. Ideal for heavy-duty applications, these samples highlight the machine's precise control, high-quality wire feeding, and advanced cooling system, resulting in reliable and durable welds on various metals.

