

Your All-in-One Solution for Precision Welding and Cutting!

CMT 250 ACDC Weld-Cutter

Unleash the Power of Versatility with the
CMT 250 WELD & CUT ACDC



CUT



MIG



DC TIG



AC TIG

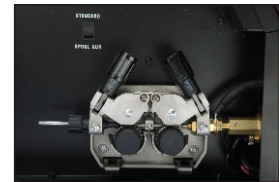


MMA



CMT 250 ACDC

All In One Welding & Cutting System



Valued Features

Unmatched Versatile Application

Combines welding and cutting functions into one compact case. Including MIG, Flux-cored, TIG AC, TIG DC, MMA, and Non-HF Plasma CUT, making it a truly first ever all-in-one solution for diverse applications.

Robust and Reliable Wire Drive

Equipped with a stable and powerful 4-roller wire feeding system, ensures smooth and consistent MIG welding performance, even in the most demanding conditions.

Ultra Lightweight and Portable

Designed for portability-only 16 kgs. The compact size allows you to take it anywhere, making it ideal for both workshop and on-site use.

Non-HF Plasma Cutting Ability:

With low electromagnetic interference and higher safety, cut up to 15 mm mild steel, delivering robust Plasma Cutting performance with clean and precise cuts every time.

Advanced Synergic MIG Welding

The Synergic MIG welding feature simplifies setup by automatically recommending optimal welding parameters for each procedure, ensuring consistent, high-quality welds with minimal effort.

Professional TIG AC/DC Pulse features

High Frequency ignition, DC Pulse, AC Balance Adjustment, and AC Frequency Adjustment, adapt to remote TIG foot pedal and torch control, it ensures precise adjustments and adaptability for superior TIG welding results.

Memory Capability

Easily recall saved settings to streamline your workflow and get welding faster, enhancing productivity and efficiency.

Function & Process

CUT, MIG, Flux-cored, AC TIG, DC TIG, MMA

Applications

- Light Fabrication
- Repair and Maintenance
- Automotive Bodies
- Food and Beverage
- Aluminium Trailers
- Boiler tubes
- Pipe Construction
- Mechanical Contractors
- Agricultural Equipment
- Training Schools

The Ultimate All-in-One Welding and Cutting Solution!

Experience unmatched versatility with the CMT 250, combining MIG, AC TIG, DC TIG MMA welding, and Non-HF Plasma Cutting in one compact machine. It is the ultimate choice for those seeking a versatile, portable, and high-performance welding and cutting solution.

Specifications

Model

CMT250 ACDC

Input Voltage	1Phase~AC 230 (±15%) /50-60Hz				
Main Fuse(A)	60				
Process	MIG	AC TIG	DC TIG	MMA	CUT
Rated Input Power KVA	8.1	6.1	6.1	7.1	6.5
Rated output KVA	4.8	3.6	3.6	4.2	3.8
No-load Voltage (V)	72	72	72	72	270
Output Current Range(A)	30~200	10~200	10~200	10~160	20~40
Output Voltage Range(V)	15.5~24	10.4~18	10.4~18	20.4~26.4	88~96
Duty Cycle I _{max} (40°C)	200A@25%	200@35%	200@35%	160A@35%	40A@40%
	100A@100%	118A@100%	118A@100%	95A@100%	25A@100%
Max Cutting Thickness	N/A	N/A	N/A	N/A	≤20mm
Rated Cutting Thickness	≤15mm				
Wire Diameter (mm)	0.6/0.8/0.9/1.0/1.2				
Efficiency	85%				
Power Factor	0.7				
Protection Iass	IP 21S				
Insulation Class	F				
Dimensions (L*W*H)	550*200*390				
Weight (Kg)	16				

Ordering Information

Standard Fittings

Headux Code

3m 25mm ² Earth Lead	A80403-001
3m 25mm ² Welding Lead	A80404-013
4m WP26 TIG Torch(included long back cup*1pcs/Alumina cup GR5 GR6 GR7*1pcs/Collet body Φ 2.4mm and Collet body Φ 3.2mm)	A13301-006
3m MB24 MIG Torch(included Spanner for MIG torches)	A13303-089
4m PT40 Plasma Cutting Torch (Included site wheel*1pcs/0.8mm Nozzle*2pcs/Electrode*2pcs)	A13302-016
3m Gas Hose	A80407-005

Options & Accessories

Options & Accessories

Headux Code

MB24 MIG Torch 4m	A13303-076
WP26 TIG Torch 8m	A13301-031
PT40 Plasma Cutting Torch 8m	A13302-017
Spool Gun 4m	A13303-109
Spool Gun 8m	A13303-110

CMT 250 ACDC



Options & Accessories



Spool Gun



Foot Pedal