



POWERCRAFT® 250M 4-in-1 WELDER

MIG • STICK • AC and DC TIG

NEXT LEVEL PERFORMANCE AND CAPABILITY



SPOOL GUN READY*



POWERCRAFT® 250M 4-in-1 WELDER

FEATURES (Product number: K69089-1)

OVERVIEW

The Powercraft® 250M is a 4-in-1 industrial quality inverter-based welder suitable for various all position welding work. Capable of MIG (GMAW), Flux-cored (FCAW), Pulse AC/DC TIG (GTAW), Lift DC TIG, High Frequency AC/DC TIG and Stick (SMAW/MMA) processes.

FRONT PANEL FUNCTIONS

- The digital LCD user interface – using simple EZYSET™ technology, allows for easy continuous adjustment of voltage, wire feed and setting of welding parameters.
- All programs are easily accessed including Synergic control of amps and volts with one knob control.
- Fine adjustments to the voltage are possible giving you greater control of the weld pool.

BEST PERFORMANCE

- New pulse width modulation (PWM) technology and insulated-gate bipolar transistor (IGBT) inverter technology
- Active power factor correction (PFC) technology for increased duty cycle and energy efficiency.
- Multi voltage input – can be used with long extension leads (up to 20m).

SAFETY FIRST

- Built-in automatic protection functions to protect the machine from over-voltage, over-current and overload.
- VRD provides added safety to the welding operator.
- IP23S rating for environmental/safety protection.

MIG PROCESSES

- Synergic programs for aluminium, mild steel, stainless steel and copper-silicon
- 2T, 4T, spot welding modes – HF only AC and DC
- Function parameter adjustment
- Weld with gasless or FCAW wire for excellent welding results.

STICK PROCESSES

- VRD function for added safety
- Hot start improves electrode starting
- Adjustable Arc Force, additional amperage helps prevent the arc from extinguishing
- High quality results on cast iron, stainless and low hydrogen materials.

TIG PROCESSES

- Pulse AC/DC TIG.
- High frequency AC/DC TIG.
- 2T/4T trigger control.
- Adjustable up and down slope.
- Spot welding mode for TIG HF.
- High Frequency Arc ignition
- Lift Arc ignition for starting in an exact joint location, prevents tungsten sticking during arc ignition
- HF AC/DC TIG delivers perfect arc ignition and smooth stable arc producing high quality TIG welds.
- Functionality includes pulse, adjustable up and down slope and pre/post gas flow.

MATERIAL APPLICATIONS

Wide range of materials from stainless steel, carbon steel, alloyed steel and aluminium.

APPLICATIONS

General fabrication, sheet metal, maintenance, general DIY, architecture equipment, car repair, rural and workshop environments.

OPTIONAL ACCESSORIES



POWERCRAFT PC4R WIRE FEEDER

- A four roll wire feeder with 8m of interconnection cable adds flexibility to your next project.

Product number: K69090-1



SPOOL GUN

- Powercraft 250M is spool gun ready with a simple connection.
- Can be used on thin, softer wires to remove wire feeding issues (such as 4,043 series aluminium wire). Product number: K69083-1

POWERCRAFT® 250M 4-in-1 WELDER

OVERVIEW (Product number: K69089-1)



READY-TO-WELD CONTENTS:

- Powercraft 250M power source.
- MIG gun (3m).
- TIG torch (4m).
- Electrode holder (3m).
- Work return lead (3m).
- Flowmeter.
- Gas hose.
- Input lead 15 amp plug (3m).
- Drive rolls solid 0.6/0.8mm and 0.8/0.9mm.
- 0.9mm contact tip (inside the MIG gun)
- Instruction manual.

Please note: Accessory images are for illustration purposes only and may represent the range of product, designs may vary.

POWERCRAFT® 250M 4-in-1 WELDER

SPECIFICATIONS (Product number: K69089-1)

Input voltage (V) / phase	240±10% / 1		
Frequency (HZ)	50/60		
	MIG	TIG	Stick VRD
Maximum input current (A)	35.2	27	37.8
Input effective current I_{eff} (A)	15	12.2	14.6
Input power (KW)	8.4	6.5	9
Welding current (A)	30-250	10-250	10-250
Max no-load voltage (V)	70	70	70
Duty cycle	18% 250A 60% 140A 100% 105A	20% 250A 60% 145A 100% 110A	15% 250A 60% 125A 100% 95A
Power factor (%)	0.99		
Diameter (mm)	Fe: 0.6/0.8/0.9/1.0/1.2 SS: 0.8/1.0 Flux-Cored: 0.6/0.8/0.9/1.2 Al: 1.2		
Protection class	IP23S		
Circuit breaker	40A "D" Class		
Dimensions (mm) H x W x D	950 x 540 x 840		
Weight (Kg) machine only	53.5		
Generator compatible	Yes		
Generator requirements	Output: ≥ 8kVa / Output range: 190-265 volts / Peak max: 370 volts / Frequency: 50-60Hz		

PACKAGE

- Powercraft 250M power source.
- Powercraft PC4R wire feeder
- MIG gun (3m).
- TIG torch (4m).
- Electrode holder (3m).
- Work return lead (3m).
- 8m of interconnection cable.
- Flowmeter.
- Gas hose.
- Input lead 15 amp plug (3m).
- Drive rolls solid 0.6/0.8mm and 0.8/0.9mm.
- 0.9mm contact tip (inside the MIG gun)
- Instruction manuals.

Product number: K69089-1P



CUSTOMER ASSISTANCE POLICY

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