

Power I-MIG 250 P

IGBT
→

DC
⚡

CV
—



PULSE
⏏

HIGH OUTPUT
⚡

PROCESS: GMAW-P (Single Pulse)
INPUT: 220-240V 1 Phase, 50/60Hz
MIG OUTPUT: 40-250 A 16-26.5 V
WIRE FEED SPEED: Up to 700 IPM

MAX CURRENT: 40 A, 1 Phase
DUTY CYCLE TIG: 35% @ 250A, 60%@200A, 100%@ 135A
PULSE FREQUENCY: 0-250 Hz
INVERTER TYPE: IGBT construction

DIMENSIONS: 19"Wx31"Lx29"H
WEIGHT: 110 lbs., unit only
PROTECTION CLASS: IP21S
INSULATION GRADE: F



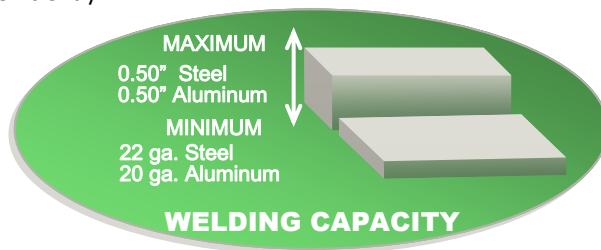
SUITABLE FOR:

- ⇒ Industrial
- ⇒ Fabrication
- ⇒ Farm
- ⇒ Motorsports
- ⇒ Maintenance
- ⇒ Repair Shops

If basic MIG welding machines aren't offering you the quality welds that your business demands, chances are you could benefit from owning an Everlast Power I-MIG 250 P. The I-MIG 250P is an advanced Pulse MIG that offers excellent performance on almost all metals, especially thin gauge alloys, even with large diameter wires.

With a simple user interface, the machine is quickly adjusted within the range to optimize settings without complicated menus, and preset programming that can be changed only by time consuming downloads that can leave a user stuck "in between" settings. With no preset detents to limit your possibilities of fine tuning the arc, you can infinitely select the best possible setting for your welding needs.

As part of the Power I-MIG line, the 250P stays true to the basic theme of IGBT component construction and high quality components. By using an ergonomic Binzel® MIG gun and heavy duty 4 roller gear driven drive feed system, the Power I-MIG 250P delivers all types of wire smoothly and efficiently.



Features that work for you:

Pulse Mig function

Pulse aids in welding thin and heat sensitive metals by lowering average heat input while retaining good fusion and improving travel speed, through pulsing the current during the spray transfer process. It improves arc focus and final weld quality for great looking, high quality welds, with near TIG quality. Excellent control of the arc is maintained throughout the pulse cycle, allowing larger diameter wires to be used on thinner materials. Poor fit up is not a problem with pulse MIG, because it allows easy bridging of gaps.

Easy menu-free, adjustment

Allows the user to see all the parameters at a glance, and make fast readjustment for production environments. Large, easy-to-grasp knobs are simple to use, even through thick gloves, making rapid changes to welding parameters a quick and painless process.

Power conserving IGBT inverter platform

Inverters have revolutionized the welding industry by reducing size and weight, while improving operating efficiency. The light-weight design offers the ultimate in portability and allows the welder to be used with clean power generators. Soft switching IGBT components improve inverter reliability and performance.

Quick attachment of MIG gun

A universally accepted design, the Euro quick-connect coupling allows the Power I-MIG to adapt to almost any brand MIG gun on the market to suit user's need.

Industrial duty cycle

The 35% duty cycle makes it suitable for light industrial and fabrication applications. Perfect for motorsports and portable welding operations.

Arc Force Control

Easily adjust inductance to match any type welding performance desired, whether crisp penetrating arc or a soft, fluid arc.

Burn Back Control

Prevents too much wire stick out and balling by supplying additional arc time without feeding to make quality re-starts easy and simple.

GMAW-P

everlastwelders.com

EVERLAST

1-877-755-9353

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Power I-MIG 250 P

Included Accessories*



10 ft. Genuine Binzel
MB25AK MIG gun

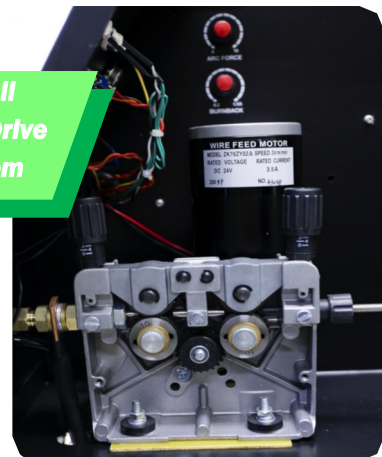


300 Amp Work Clamp
Cable Assembly



Argon/CO2
Regulator

4 Roll
Gear Drive
System



Up Close:

Digital amp and volt meter gives the operator precise feedback regarding welding parameters during adjustment. Actual, real-time outputs are displayed while welding.

Thermal overload protection warns when the duty cycle has been exceeded and interrupts welding until the welder has safely cooled.

Pulse adjustment gives the operator full control of the pulse cycle, eliminating frustrating pulse performance issues experienced by preset programming. With frequency adjustment of up to 250 hertz, the welder has excellent heat control capabilities. Pulse width controls the pulse length of the cycle in relation to total pulse time. Upper and lower limits of the pulse cycle are set with pulse and base voltage. Wire speed feed rate controls the amps through varying the wire stick-out while welding.

Arc Force Control provides control over the inductance of the machine. This affects the pinch point timing of the arc and puddle fluidity.

Burn-Back Control controls the amount of time the arc remains energized after feeding stops. It allows the proper restart stick-out without clipping or feeding wire. Reduces balling of wire and sticking of wire to weld metal.

Automatic Post Flow allows up to 2 seconds of additional gas flow time to increase weld quality by shielding the fluid puddle until it cools.



Specifications:

OCV	60-70V
Volts	
Base Volts	16-26.5 V
Pulse Volts	16-25.5 V
Amps	40-250 A
GAS	
Post Gas Flow (Auto)	1-2 Seconds
PULSE	
Pulse Frequency	Up to 250 Hz
Pulse Volts	16-26.5 V
Pulse Width	0-100%
Wire Feed	700 IPM
Cast Aluminum	
4 roll gear driven	
Burn Back Timer	.2-1.5 Seconds
Wire Size	11-44 lbs. (roll) .030-.045" dia.

Optional Equipment:**

Auto-Dark Helmet

- Strong Man
- Fabricator
- Defender



MIG Torch

- 25 ft.
- MB25AK



Full
Size
Cylinder



GMAW-P

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*Actual appearance of accessories may vary.

** Optional Equipment subject to change.