

Power i-MIG 275P

GMAW/SMAW



5
YEAR WARRANTY



Pulse MIG completely redefined.

The Power i-MIG 275P is a completely new approach to Pulse MIG technology. Pulse technology in MIG welders has often been rejected for being too complicated to set up or too difficult to understand with multiple layers of programming that must be memorized. Not so with the Power i-MIG 275P. All controls are simple to understand and right on the front where you can access, see and understand them in an instant. Another difference is that the Power i-MIG 275P pulses voltage rather than wire speed. This sets this MIG apart from all other pulse MIGs and makes it easier to dial in the setting that will work for you. No, the unit isn't tied into a preset program, but rather allows the user to instantly and easily make changes on the fly that work for the application. After a little practice, adjusting the Everlast version of Pulse MIG becomes second nature. These settings can be saved at anytime for use later on down the road.

The adjustable features of the pulse include Pulse Voltage, Pulse Frequency and Pulse Time on. Each one of these three variables affects the wet in, heat transference, penetration and overall profile of the bead. This unit is considered a "single" pulse MIG and works well for aluminum applications requiring heat control. In fact this unit can be used with an optional push-pull gun designed just for running with large roll quantities of Aluminum wire. It also features spool gun capability as well for those needing to sink a little less money into overhead.

FEATURES THAT REDEFINE MIG WELDING.

Features that lead by example

- Dependable, digitally controlled IGBT inverter design offers excellent low spatter arc characteristics.
- Euro-type connector makes gun attachment quick and easy. Gun is easy to remove for transport and storage.
- Digital microprocessor and componentized design improves reliability and serviceability.
- Heavy duty wire feeder with 4 driven rolls provides smooth, steady delivery of wire at the gun.
- Automatic Pre and Post flow improves weld quality during starts and stops, reducing porosity and oxidation.
- Digital meters offer accurate setting of volts and amps.
- Stick weld function tackles any class electrode from 1/16" to 5/32" with a nice smooth arc.
- Standard Spot and Stitch timers automatically cycle the gun on and off for spot welding and seam welding to control heat, improving the final results. These features are commonly used in fabrication shops or speed shops where high quality welds and seams are demanded.

Features that perform for you

- Single Pulse MIG manages heat and controls arc qualities.
- Wire speed feed up to 600 inches per minute feeds wire from .023" to .045" with stock drive rolls.
- Adjustable arc force (inductance) for best puddle control.
- Burn-back timer reduces need for wire trimming before restarts and improves productivity.
- Capable of feeding 12" spools (8" with adapter)
- Spool gun and Push Pull Gun ready.
- Synergic function functions in spool gun mode as well.

Features that stand out from the rest

- Industry leading 50% duty cycle @ 275 amps offers a true, sustainable output at maximum amps for 5 minutes without stopping.
- Spool gun capable for reliable welding of Aluminum.
- Over current and Duty cycle protection safely interrupts welding when an event occurs.
- Heavy Duty 36 Series 4m (12ft) MIG gun offers superior comfort.

POWER SPECIFICATIONS AND FEATURES

PROCESSES: GMAW/SMAW (MIG/Stick)
INPUT VOLTAGE: 240V 1 Phase, 50/60Hz
PROTECTION CLASS: IP21S
MIG OUTPUT : 30-275A 15.5-30V
STICK DUTY CYCLE 120/240V: 50% @ 200A

INPUT I1MAX : 49A
WEIGHT: 65 lbs., unit only
OCV: 70V
MIG DUTY CYCLE : 50% @ 275A
SPOOL CAPACITY: 12" (8" with adapter)

INPUT I1EFF : 35A
DIMENSIONS: 26" L x 18" H x 11.25" W
INVERTER TYPE: IGBT
STICK OUTPUT : 10-200A, 20.4-28V
SPOT/STITCH TIMER: .5-25 Seconds



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everlastwelders.com

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GMAW/SMAW



Everlast 36 Series
MIG Torch, 4m



Work Clamp Cable
Assembly, 3m



Electrode Holder and
Cable Assembly, 3m



Everlast Argon/
Argon-CO2
Regulator



Actual appearance and quantity of accessories may vary.



Performance and Equipment Specifications:

INPUT VOLTAGE	240V 50/60 HZ (± 10%)
WIRE SPEED FEED RATE	600 INCHES PER MINUTE
DRIVE ROLL SIZES	.023"-.045" (at time of pub.)
WIRE SPOOL SIZE	12" (8" with Adapter)
BURN BACK TIMER	0-1.5 SECONDS
ARC FORCE CONTROL	0-100% (STICK AND MIG)
GUN TYPE AND CABLE	36 SERIES, 4m (12 ft) LONG
SPOT/STITCH TIMERS	.5-25 SECONDS
PULSE TYPE	SINGLE/VOLTAGE PULSE
PULSE FREQUENCY	10-250Hz
PULSE TIME ON	50-90%

Safety/ Unit Protection Features:

OVER TEMPERATURE WARNING	YES
OVER CURRENT WARNING	YES
SWITCH TYPE	BREAKER
FAN COOLING TYPE	DUAL FAN, CONTINUOUS

All specifications subject to change without notice.



All Everlast Power i-MIG welders are covered by a 5 year parts/labor warranty.

Take a closer look.

- The synergic mode simplifies setup and adjustment. This "auto-setting" feature provides a preset ratio of volts and amps based off of user inputs of wire type and wire diameter. This helps to take the guess work out of setting and adjusting the MIG and is more reliable than a setup chart. The mode can be overridden or turned off at any time.
- A heavy-duty geared, 4 drive roll wire feed mechanism is also designed for long service life and reliable delivery of wire to the end of the gun. Additional drive roller sizes can be obtained through Everlast. Flux core drive rolls can be used as well.
- Burn back control reduces the need for trimming the wire at every restart by keeping the wire energized briefly after the trigger is let go, allowing the wire to quickly burn back to the desired length. The automatic post flow keeps the wire shielded during this process.
- The Spot and Stitch timers offer the customer a solution to problematic tacking and heat control issues common in auto restoration and typical fabrication tasks.



RECOMMENDED OPTIONS



SKU: Consult Everlast site for available gun models
Description: Spool Gun



SKU: Consult Everlast site for different sizes/types
Description: V-Groove/Flux-core .023"-.045"



SKU: Consult Everlast site for available models/lengths
for different applications
Description: MIG Guns



SKU: PC300-M
Description: Power Cart with full size cylinder capacity



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