

The smartest, most productive Millermatic ever.



Millermatic[®] 350/350P

MIG/Pulsed MIG Power Source

Combining simplicity with superior performance.

- Easy, out-of-the-box setup
- Familiar Millermatic operating ease
- Robust inverter technology
- Available pulsed MIG versatility
- 300 amps at 60% duty cycle
- 400 amps maximum output
- Single- or three-phase input

User-friendly meets high-tech

Now, on top of legendary Millermatic simplicity, you have inverter technology and pulsed-MIG capability. That opens the door to even better weld quality and improved productivity on all metals, including thin-gauge aluminum and stainless steel.

Superior end-to-end arc consistency

Just set your wire feed speed and arc length and weld. The Millermatic 350/350P's inverter technology delivers superior arc quality, integrity and consistency. Sharp Arc[®] controls arc cone width during pulsing while inductance control provides precise tuning of weld output in MIG mode.

The smartest Push-Pull you can get

The Millermatic 350/350P not only accepts all three push-pull gun types, it automatically detects which one is connected and adjusts accordingly for superior performance. There are no complicated setup menus, eliminating slow changeovers and improving your productivity.

Workhorse reliability

The Millermatic 350/350P is engineered for your demanding work environments. Fan-On-Demand[™] reduces airborne contaminants and improves energy savings while Wind Tunnel Technology[™] significantly improves machine reliability.



NEW!
15-ft. Bernard[®]
Q300 Gun with
Centerfire[™]
Consumables

The Millermatic 350/350P is the right choice for:

- Fabrication
- Maintenance and repair
- Manufacturing

The Millermatic, a cornerstone of Miller technology, takes an extraordinary step forward with the Millermatic 350/350P. Now you can expand your own capabilities while taking advantage of the familiar, easy operation that defines the Millermatic line.

MADE IN **USA**
APPLETON, WI **USA**

Millermatic® 350/350P

MIG/Pulsed MIG Power Source



"We use .040 gauge aluminum for our trailer roof skins and were amazed that there wasn't any burn-through with the Millermatic 350P."

— Randy Sobolik, Trailer Foreman
Alum-Line, Inc., Cresco, IA

Q&A:

Does machine complexity prevent upgrades to industrial equipment?

Solution: With built-in inverter technology, the Millermatic 350P maintains ease of operation while handling industrial-grade applications including MIG pulsing.

Are thin-gauge applications out of reach?

Solution: The Millermatic 350P was built with thin metal applications in mind. Adaptive pulse technology reduces total heat into the metal and improves bead appearance. Sharp Arc® further enhances welding of thin-gauge metals by precisely controlling arc width and penetration.

Would you benefit from having the flexibility of three-phase power input?

Solution: The Millermatic 350/350P is the only machine in its class that offers the flexibility of both 1- and 3-phase power inputs. 3-phase power delivers the added benefits of increased energy efficiency and lower utility bills.

Millermatic 350/350P Key Comparisons

	Millermatic 350/350P	Lincoln Power Mig 350MP	The Power of Blue® Payoff
Rated Output	300 Amps @ 60% 1- or 3-Phase input	300 Amps @ 60% 1-Phase only	Enjoy the convenience of 3-phase power while maintaining duty rating with 1-phase.
Input Power	208/230/460 or 460/575 1- or 3-Phase	208/230/460/575 1-Phase only	Save on energy costs! 3-Phase input consumes less power.
Processes	Pulse MIG (350P model only)/MIG	Pulse MIG/MIG/Stick/TIG	Now you can have inverter technology with built-in adaptive pulse capability for welding thin-gauge aluminum and steel. Plus, with fewer selections, there's less operating confusion.
Aluminum Pulse Hot Start™	Yes (350P Model Only)	Manual	Automatically provides more arc power to eliminate a "cold start" that is inherent with aluminum starts.
User Interface	A model of simplicity	Complicated, requires more time to change setup	Following in the Millermatic tradition, the Millermatic 350P gives you out-of-the-box operation and no exposed switches.
Drive Mechanism	4-roll	2-roll	Only The Power of Blue® goes the extra mile, giving you four drive rolls instead of two to help prevent wire slippage.
Push/Pull Guns	XR Edge™, XR Pistol Grip™, XR-A Python®*	Python®, Prince®, Cobra® Max	Life is easier with Gun-on-Demand™, which automatically detects which gun is in use.
Wind Tunnel Technology™	Yes	Exposed circuit boards	Why leave circuit boards exposed? Protecting them from contamination improves reliability and long life!
Fan-On-Demand™	Yes	Fan starts when gun is triggered and runs for five minutes	Save more money! Fan-On-Demand not only reduces machine contaminants, it also automatically turns off after cooling the unit.

*Python, Prince, and Cobra are registered trademarks of MK Products, Inc.

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For more detailed product information, see literature #DC/12.51.

Model	Stock No.	Description	Model	Stock No.	Description
Millermatic 350	#907 299	200/230/460 V, MIG unit	Millermatic 350P	#907 300	208/230/460 V, MIG/Pulsed MIG unit
	#907 167	460/575 V, MIG unit		#907 168	460/575 V, MIG/Pulsed MIG unit

