

Power i-MIG 253DPi and Power i-MIG 353DPi*

The Pulse Option

There are a lot of Pulse MIGs flooding the market these days from the larger and even smaller manufacturers. There's no doubt that Pulse is the future of MIG welding. As the Pulse MIG market becomes more crowded, it becomes more difficult to distinguish one from the other.








Everlast has been in the Pulse MIG market since 2010. Over the years we've refined our Pulse MIGs into a very productive and smooth welding product. We've introduced Synergic single and double pulse machines that rival and exceed the weld quality of our competitors. While that may not show up on paper, the Everlast Synergic Pulse MIGs are quickly gaining market share against the big boys, and that speaks for itself.

To help clear up the confusion, we've compared our products against the major players in the industry

that customers most often ask us about and compare us to. So we've listed every major function side by side so that you can see for yourself how we stack up against our competitors.

Be sure to pay attention to both warranty and price comparisons while you look at other functions as well. We've done our best to sort through and sift out information that is provided by our competitors and tried to evaluate them on a feature by feature level. While we do our best, keep in mind that this market is rapidly evolving and product specifications and prices do change from time to time, even without changing a model name or number.

Our market share is on the rise. We think the specifications speak for themselves. But if you have any questions, don't hesitate to pick up the phone and give us a call.

							
	Everlast Power i-MIG 253 DPI	Everlast Power i-MIG 353DPi	HTP 220MTS 60220P-15	HTP 300 60300P	Miller Millermatic 255 907734	Miller Millermatic 355 907808	Lincoln Power MIG 360MP K4467-1
Price	\$2849.00	\$3999.00	\$2595.00	\$6769.00	\$3899.00	\$7549.00	\$7,799.00
Warranty	5 Year Parts and Labor 3 Year Shipping	5 Year Parts and Labor 3 Year Shipping	3 Year Parts and Labor	3 Year Parts and Labor	3 Year Parts and Labor	3 Year Parts and Labor	3 Year Parts and Labor
Processes	MIG/Stick	MIG/Stick	MIG/DC TIG/Stick	MIG/DC TIG/Stick	MIG	MIG	MIG/DC TIG/Stick
Inverter or Transformer	Digitally Controlled Inverter	Digitally Controlled Inverter	Digitally Controlled Inverter	Digitally Controlled Inverter	Digitally Controlled Inverter	Digitally Controlled Inverter	Digitally Interfaced Transformer
Input Voltage	240V 1 Ph	240V 1 Ph and 480V 3 Ph	208-240V 1 Ph	208-575V 1 and 3 Ph	208-240V 1 Ph	208-575V 1 and 3 Ph	208-575 1 Ph
MIG Duty Cycle	60% @ 250A	60% @ 350A	35% @ 200A	35% @ 300A	15% @ 350A/ 60% @ 230A	25% @ 400A/ 60% @ 310A	40% @ 350A
MIG Amp Range	10-250A	20-350A	12-200A (220A for 10s)	15-300A	20-350A (rated as 250A)	20-400A 3 Phase 20-350A 1 Phase	5-360A
MIG Gun Type	North 24 Series	North Water Cooled SN501	15 Series/Euro	Type Not Specified	MDX 250	Bernard BTB 300A	Magnum Pro Curve
Inrush (I1MAX) Amps @ 240V 1 Phase	45.5A	240V 1 Ph @ 62.5A 480V 3 Ph @ 21.6A	40A	230V 1 Ph @ 51A 240V 3 Ph @ 31A 480V 3 Ph @ 15A	74.6A	240V 1 Ph @ 71.9A 240V 3 Ph @ 39.8A 460V 3 Ph @ 18.2A	230V 1 Ph @ 91A 460V 1 Ph @ 50A
Rated Input (I1EFF) Amps @ 240V 1 Phase	36A	240V 1 Ph @ 49A 480V 3 Ph @ 18A	Not Specified	Not Specified	30.8A	240V 1 Ph @ 48.4A 240V 3 Ph @ 22.4A 460V 3 Ph @ 14.2	Not Listed
Weight	68 lbs.	113 lbs.	42 lbs.	95 lbs.	84 lbs.	99 lbs.	265 lbs.
Dimensions	11.5W x 18"H x 26"L	11"W x 20"H x 26"L Main	10"W x 14.5"H x 19.75"L	12"W x 17.25"H x 26.75"L	13.75" W x 19.24"H x 26.25"L	13.75" W x 19.24"H x 26.25"L	18"W x 37.3" x 40.4" L
OCV	80V	70V	75V	79V	87V	95V	70V
Single Pulse Capability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Double Pulse Capability	Yes	Yes	Yes	Yes	No	No	Yes
Manual MIG Capability (Non Pulse)	Yes, For Steel	Yes, For Steel	Yes	Yes	Yes	Yes	Yes
Manual Pulse MIG Control	Adjustable Synergic	Adjustable Synergic	No	No	Limited	Limited	Limited**
Synergic MIG (Non-Pulse) Capability	Yes, For Steel	Yes, For Steel	Yes	Yes	Yes	Yes	Yes
Synergic Pulse MIG Capability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Spool Gun Capability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Push-Pull Gun Capability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aluminum Capability with only the MIG Gun and liner	Yes	Yes	Yes	Yes	No	No	No
Wire Jog (Cold Feed for Setup)	Yes	Yes	No	Yes	Yes	Yes	No
Slow Wire Run in for improved starting	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable
MIG Volt Range	14-28V (In Pulse 5-28V+)	14.5-40V	13-35V	13-35V	12-32V	240V 1 Phase @ 20-350A All 3 Phase @ 20-400A	240
Wire Speed Range:	60-600 IPM	60-825 IPM	55-630 IPM	55-787 IPM	50-800 IPM	50-800 IPM	50-700 IPM
Pulse Frequency Single / Double (Pulse on Pulse)*	Synergic / 0-9.9 Hz Synergic	Synergic / 0-9.9 Hz Synergic	Synergic/ Synergic	Synergic/Synergic	Synergic/ NA	Synergic/NA	Synergic/Synergic
Pulse Time On Single / Double (Pulse on Pulse)*	Synergic /10-90% Synergic	Synergic /10-90% Synergic	Synergic/ Synergic	Synergic/Synergic	Synergic/ NA	Synergic/NA	Synergic/Synergic
Voltage Trim/Offset/ Pulse Volts/ Arc Length (all similar)	Yes,	Yes	Yes	Yes	Yes	Yes	Yes
Spot / Stitch Timer Settings	No	No	Yes	Yes	Yes	Yes	Yes, Spot Only
Burn Back Control	Yes	Yes	Yes (Pinch)	Yes	Yes	Yes	Yes
2T/4T Remote/Sequencer	Yes, with additional 4TSP mode	Yes, with additional 4TSP mode	Yes	Yes/ Pinch	Yes	Yes	Yes
MIG Hot Start	Yes with 4T SP mode	Yes, with additional 4T SP mode	Yes	Yes	Preset for Aluminum Only	Preset for Aluminum Only	Yes
Crater/End Function	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pre-Flow	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Post-Flow	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Number of Drive Rolls	4 Gear Driven	4 Gear Driven	4 Gear Driven	4 Gear Driven	2 Gear Driven	4 Gear Driven	2 Gear Driven
Wire Spool Size	8" - 12"	8"-12"	8"-12"	8-12"	8"-12"	8"-12"	4"-12"
Recommended Wire Size Capability (nominal size)	.030"-.045"	.030"-.062" with optional liner/gun	.023-.045"	.023"-.045"	.023"-.045"	.035"-.045"	.035"-.045"
Stick Arc Force/Dig/ Inductance	Yes	Yes	Yes	Yes	NA	NA	Yes
Programmable Memory	Yes	Yes	Yes	Yes	Yes	Yes	No
Power Cable Length	9.5 Ft.	6.5 Ft.	Not Specified	Not Specified	10 Ft.	9 Ft.	Length Not Specified

*This publication is based on available information on October 1, 2019. It relies on other manufacturer data and statement which are subject to change and may vary in accuracy.

*This publication is based on available information on May 20, 2023. It relies on other manufacturer data which is subject to change and may vary in accuracy. Prices are also subject to change and are based off of MSRP or stated prices at time of publication. NA= Not Applicable. Not listed=No information available at the time of creation of this comparison.

Notice: The Power Input specifications can be deceiving and hard to read and decipher. The re are two basic ways that power input requirements (amperage) are rated. There is a "Rated" input that involves an averaged amperage value. Then there is the I1MAX and I1Effective rating. I1Max is a temporary, brief inrush of current during startup or arc striking.

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