

Cyclone 262 and 312 Cross Brand Comparison*




The Work Horse Class.

The 250 to 300A class range of MIG welders are considered to be the true work horse class of welder. This size unit can comfortably handle many different sizes of wires up from .023” to .045” when equipped with the right drive roll and type of wire. This is also the range where push-pull operation and spool gun operation becomes important for fabrication facilities that weld a lot of aluminum and long distance MIG. These units also are easily coaxed into performing axial spray tasks without over-heating or melting down. The welders in this class are also prime candidates for heavy industrial Gas-Shielded Flux-Cored use as well. These are sure to be the “daily drivers” in any industrial or commercial welding facility since most are self contained so that they can be rolled across the shop facility with ease while carrying a gas cylinder along for the ride. All of these features makes them one of the most desirable class of welders.

We have researched the market place offerings of MIG welders in this class and have come up with a

few popular models that rise to the top and are able to meet the demands of every day industrial welding so that you can see the difference. Alongside these models, we’ve also included our popular Cyclone 262 and 312 welders. These are both inverter welders with class leading duty cycle and performance features. You’ll note that while are the Cyclone are exceptionally equipped MIG welders, they also handle stick quite well, adding to their versatility. In fact these handle Stick welding chores so well, that many of them are being used in shops that are involved in the pipe and structural welding field. E6010 performance has been called among the best they’ve seen.

We’ve done our best to research all the product information provided by the suppliers at the time of publication, but things change from time to time, so be sure to do a little updated research before you make your final purchase decision. But we think an Everlast will be highly ranked in your final decision. P.S. Don’t forget to compare the warranty. That is a scale tipper if nothing else is.

						
	Everlast Cyclone 262	Everlast Cyclone 312	Miller Millermatic 252 907321	Hobart Iron Man 240 500574	Lincoln PowerMIG 260 K3520-1	Forney 319 319
Price:	\$1549.00	\$1899.00	\$4299.00	\$2099.00	\$3899.00	3199.00
Processes	MIG/Flux-Cored/DC Stick	MIG/Flux-Cored/DC Stick	MIG/Flux-Cored	MIG/Flux-Cored	MIG/Flux-Cored	MIG/Flux-Cored
Voltage Input	240V 1Ph	240V 1Ph	208-240V 1 Ph	208-240V 1Ph	208/230/460/575V 1Ph	230V 1 Ph
Type of Power Source	Inverter	Inverter	Transformer	Transformer	Transformer	Transformer
Stepless (Infinite) Adjustment V/A	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	No/Yes
Memory	Yes	Yes	No	No	Yes	No
Max Rated Amp Input Max Inrush or Manufacturer Stated Rated (Average)	48.2A (I1Max)	64A (I1Max)	68/60A (Rated)	62.4/55.3A (Rated)	59/55/27/21A (Rated)	45A (Rated)
Rated Amp Range MIG	30-275A	30-315A	30-300A	30-280A	30-300A	30-270A
MIG Duty Cycle @ Rated Amps	50% @ 275A	35% @ 315A	25% @ 300A	30% @ 280A	40% @ 250A	30% @ 250A
Stick Amp Range	10- 200A	10-250A	N/A	N/A	N/A	N/A
Stick Duty Cycle @ Rated Amps	35% @ 200A	35% @ 250A	N/A	N/A	N/A	N/A
Stick VRD (Voltage Reduction Device)	Yes	Yes	N/A	N/A	N/A	N/A
Stick Hot Start	Yes	Yes	N/A	N/A	N/A	N/A
Adjustable Stick Arc Force Control	Yes	Yes	N/A	N/A	N/A	N/A
Stick E 6010 Capable	Yes	Yes	N/A	N/A	N/A	N/A
Max OCV	70V	70V	38V	40V	40V	45V
Auto/Synergic Setting Mode	Yes	Yes	No	No	Yes	No
LCD Digital Display	LCD, 4.3" TFT	LCD, 4.3" TFT	No	No	LCD, 7.0" TFT	No
2T/4T Operation	Yes	Yes	No	No	Yes	Yes
Adjustable Inductance MIG	Yes	Yes	No	No	No	No
Start WFS Control Setting	Yes	Yes	No	No	No	No
Up and Down Slope of WFS	Yes	Yes	No	No	No	Yes, Up only
Burn Back Control	Yes	Yes	No	No	Yes	Yes
Pre/Post Flow Control	Yes	Yes	No	No	No	No
Spot/Stitch Timer	Yes, Spot and Stitch	Yes, Spot and Stitch	No	No	Yes, Spot Only	Yes, Spot
Run -In Control	Yes	Yes	No	Yes	Yes	No
Wire Jog	Yes	Yes	No	No	No	No
Gas Purge	Yes	Yes	No	No	No	No
Max wire feed rate	600 IPM	700 IPM	600 IPM	700 IPM	700 IPM	950 IPM
Wire Roll Diameter	8" and 12"	8" and 12"	8" and 12" (4" Optional)	8" and 12" (4" Optional)	12" (Optional 8" adapter)	4",8" and 12"
Drive Roll Sizes Installed	.035"- .045" .9-1.2mm	.035"- .045" .9-1.2mm	.030"- .035" .8mm-.9mm	.030"- .035" .8mm-.9mm	.035"- .045" .9mm-1.2mm	.030"- .035" .8mm-.9mm
Spool Gun Ready	Yes (Use Parker DSP 360)	Yes (Use Parker DSP360)	Yes	Yes	Yes	Yes
Push-Pull Gun	Yes (Use Parker SGP 360A)	Yes (Use SGP 360A)	Yes	No	Yes	No
Drive Roll Type	4 Roll, Cast Aluminum/Steel	4 Roll, Cast Aluminum/Steel	2 Roll, Metal	2 Roll, Metal	2 Roll, Metal	2 Roll, Metal
Gun Type and Length	North 36 Series 10 Ft.	North 36 Series 10 Ft.	MDX 200 15 Ft.	15 Ft.	Magnum Pro 250L 15 Ft.	TWECO Style 15 Ft.
Weight	78 lbs.	87 lbs.	205 lbs.	186 lbs.	247 lbs.	240 lbs.
Input Cable Length	6.5 Ft.	6.5 Ft.	10 Ft.	Not Specified	10 Ft.	15 Ft.
Dimensions	"16Hx11"Wx26"L	25Hx11"Wx33"L	30"Hx19"Wx40"L	30"Hx19"Wx40"L	37.25"Hx19.15Wx40.4"	34"Hx14"Wx38"L
Warranty	5 Year Parts and Labor Plus 3 years Shipping	5 Year Parts and Labor Plus 3 years Shipping	3 Year Parts and Labor	5/3/1 Parts and Labor	5/3/1 Year Parts and Labor	3 Years Parts and Labor

*This publication is based on available information on April 12, 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. NA= Not Applicable. Not listed=No information available at the time of creation of this comparison.

** 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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