

Thunder 215 Mult-Process Welder Product Comparison

When it comes to amazing welder design and no-compromise multi-process performance, the Everlast Thunder 215 is picture perfect. The Thunder 215 comes from the long line of the PowerMTS series, which pioneered the compact MIG, TIG and Stick market in the USA all the way back to 2009. This new generation of welder combines a lot of new features and functions with older ones to create about as near perfect machine as you can imagine.

We've taken time to compare the Thunder 215 up against the current industry offerings of compact multi-process welders. It seems that they've learned a thing or two from us, but well, still have a ways to go to catch up.

Take some time to review the functions and features below. Pay careful attention to maximum output versus duty cycle of the machines. This is where true performance machines are separated from the rest of the market. Also look at the HV TIG start we offer with built in gas control solenoid, and the fully functional TIG pulse. Of course, this is the only one with push-pull capability too, if welding aluminum with MIG is in your future. And of course, it comes with a full package of accessories that are extra with the competition.

Also, take note of the industry-leading warranty that has been in place since 2008 and also the price which beats everyone when features and performance are compared.

	Everlast Thunder 215 THUN-215-DV (Std. Unit)	Miller Multimatic 215 907693 (Std. Unit)	Miller Multimatic 235 907780	Lincoln PowerMIG 215 MPi K4876-1	ESAB EMP 210 0700503200	ESAB Rebel 215ic EMP 0558102240
Price	\$1399.00	\$2115.00	\$3045.00	\$1999.00	\$1499.00	\$2949.00
Processes	MIG/DC TIG/DC Stick	MIG/DC TIG/DC Stick	MIG/DC TIG/DC Stick	MIG/DC TIG/DC Stick	MIG/DC TIG/DC Stick	MIG/DC TIG/ DC Stick
Voltage Input	120/240V Auto Sense	120/240V Auto-Sense	240V 1 phase only	120/240V Auto Sense	120/240V (115/230V)	120/240V
Type of Power Source	IGBT Inverter	IGBT Inverter	IGBT Inverter	IGBT Inverter	IGBT Inverter	IGBT Inverter
Stepless (Infinite) Adjustment V/A	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Maximum Inrush Amperage	33/36A (I1max)	25.4/31.2A (I1max)	31.2A (I1max)	22/29A (I1max)	26/38A (I1max)	28.6/30A (I1max)
Maximum Rated Amperage	21/23A (I1eff)	14.8/13.8A (I1eff)	18.6A (I1eff)	15/15.9A (I1eff)	13/14.7A (I1eff)	14.7/14A (I1eff)
MIG Rated Amp Output Range 120/240V	30-125A / 30-215A	30-125A / 30-230A	30-235A	20-140A / 20-215A	30-90A / 30-200A	15-130A / 15-230A
MIG Duty Cycle @ Rated Amps 120/240V	35% @ 125A / 35% @ 215A	40% @ 110A / 20% @ 200A	30% @ 200A	40% @ 130A / 30% @ 230A	25% @ 90A / 15% @ 200A	20% @ 130A / 25% @ 205A
TIG Rated Amp Output Range 120/240V	10-125A / 10-215A	20-150A / 20-210A	20-210A	10-130A / 10-175A	10-90A / 10-200A	5-150A / 5-200A
TIG Duty Cycle @ Rated Amps 120/240V	35% @ 125A / 35% @ 215A	40% @ 150A / 20% @ 190A	40% @ 210A	40% @ 130A / 30% @ 175A	25% @ 90A / 15% @ 200A	40% @ 130A /
Stick Rated Amp Output Range 120/240V	10-100A / 110-175A	30-150A / 30-200A	30-200A	20-90A / 20-175A	20-70A / 20-170A	16-110A / 16-185A
Stick Duty Cycle @ Rated Amps 120/240V	35% @ 100A / 35% @ 175A	40% @ 90A / 20% @ 190A	30% @ 200A	40% @ 85A / 30% @ 175A	25% @ 70A / 15% @ 170A	40% @ 85A / 25% @ 185A
OCV	85V (VRD ~24V)	58V (VRD = 20V)	54V	53V	68V	90V
Memory	Yes, Up to 30 programs with naming and locking function	No	No	Yes	No	Yes
Adjustable Inductance MIG	Yes	No	No	Yes	Yes	Yes
MIG Burn Back Control	Yes	No	Yes	Yes	Yes	Yes
MIG Spool Gun Ready (Aluminum)	Yes	Yes	Yes	Yes	Yes	Yes
MIG Push-Pull Gun Ready (Aluminum)	Yes	No	No	No	No	No
MIG Max wire feed rate	600 IPM	600 IPM	600 IPM	500 IPM	450 IPM	476 IPM
MIG Wire Spool Diameters Supported	4" and 8"	4" and 8"	12"	4" and 8"	4" and 8"	4" and 8"
MIG Drive Roll Sizes Stock/Optional Steel (Solid Wire) Sizes	.030"-.035" / .023"-.040" .8mm-.9mm/6mm-1.0mm	.023-.035"	.030"-.035"	.023"-.035"	.023"-.030" .6-.8mm	.030"-.035" / .023-.035" .8-.9mm / 6-.91" mm
MIG Purge Gas Setting	No	No	No	Yes	No	No
MIG Wire Jog (No trigger feeding of wire for setup)	Yes	No	No	No	No	No
MIG Wire Run-in	Yes	Yes	Yes	Yes	Yes	No
MIG/TIG Up and Down Slope Control	MIG and TIG	No	No	No	No	Yes
MIG/ TIG Pulse	TIG Only Fully adjustable up to 150Hz	No	TIG Only Hz adjustment Only up to 150Hz	No	No	No
MIG/TIG Spot/Stich Timers	MIG and TIG	No	No	Spot on MIG Only	No	Yes
MIG/TIG Pre/Post Gas Flow Control	MIG and TIG	No	TIG Post Flow Only	MIG and TIG	MIG Only	MIG Only
MIG/TIG Start/End Settings (Wire Feed Speed or Amps)	MIG and TIG	No	No	Fixed, not adjustable	No	No
MIG/TIG Separate Gas Connections	Yes	Yes	No	Yes	MIG Connection Only	MIG Connection Only
MIG/TIG 2T/4T Remote Options	Yes	No	No	Yes	Yes	Yes
TIG Start Type	HV (Solid State HF), Live Lift, Lift with Remote	Live Lift, Lift with Remote	Live Lift, Lift with Remote	Live Lift, Lift with Remote	Lift with Remote Only	Live Lift/ Lift with Remote
TIG solenoid Built-in	Yes	Yes	Yes	Yes	No	No
TIG Pedal Included	Yes	Optional	Optional	Optional	Optional	Optional
Stick VRD (Voltage Reduction Device)	Yes	Yes	No	No	No	No
Stick Hot Start Setting	Yes	No	No	Yes	Yes	Yes
Stick E6010 Setting (For Use with Cellulose Rod Types)	Yes	No	Yes	Yes	No	Yes
Adjustable Stick Arc Force Control	Yes	No	Yes	Yes	Yes	Yes
Auto/Synergic Setting Mode	Yes	Yes	Yes	Yes	No	Yes
LCD Digital Display	LCD, 4.3" HD TFT	LCD	LCD, 4.3"	LCD 3.5" TFT	No, LED Segment	LCD 4.3", TFT
Selectable for Unit of Measure Type (Imperial vs. Metric)	Yes	No	No	Yes	Yes	Yes
DINSE Type Connector	35/50mm ²	10/25mm ²	35/50mm ²	35/50mm ²	Not Specified	35/50mm ²
MIG Gun Type and Length	North 15 Series (200A) 10 ft. North 24 (250A) 10/15 ft Opt.	MDX 100 (100A) 10 ft.	MDX 250 (250A) 15ft.	Magnum Pro 175L (175A) 10 ft.	Fusion 180 (180A) 10 ft.	Fusion 180 (180A) 10 ft.
TIG Torch Type and Length	26 Series 12.5 ft Air-Cooled	Not Included, Optional	Not Included, Optional	Not Included, Optional	Not Included, Optional	17V (manual gas control)
Stick Torch Type and Length	250A/ 10 ft.	200A/13 ft.	250A/10 ft.	250A/ 12.5 ft.	200A/ 10 ft.	200A/ Not specified
Weight	57 lbs.	38 lbs.	63 lbs.	48 lbs.	30.2 lbs.	40 lbs.
Input Cable Length	6.5 ft.	6.5 ft.	7 ft.	Not Specified	10 ft.	Fusion 180 (180A) 10 ft.
Dimensions	17.5"Hx9.75"Wx26"L	12.5"Hx11.25"Wx20.5"L	19.24"Hx 13.75"Wx24.25"L	15.08"Hx 10.88"W x 23.14"L	15"Hx8.7"Wx19.2"L	16"Hx9"Wx23"L
Warranty	5 Year Parts and Labor Plus 3 years Shipping	3 Years Parts and Labor	3 Year Parts and Labor	3 Year Parts and Labor	3 Year Parts and Labor	3 Year Parts and Labor

*This publication is based on available information on Aug 30, 2024. It relies on other manufacturer data and pricing 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. Not Specified items means the information was not available at the time of publication.

** The Power Input specifications can be deceiving and hard to read and decipher. There 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 an temporary, brief inrush of current during startup or arc striking.