PowerMTS Industry Cross Comparison.

Dare to Compare*

The long running PowerMTS line was the first to market of a DC multi-process welder with its introduction in 2009. Now, everyone wants to join the party. As the market of DC only Multi-Process welders becomes more congested, it is hard to figure out how things stack up. The PowerMTS line no doubt holds its own against recent competitors, but we've put together a simple guide of features and stacked them side by side so you can see which features you care about and how we do against other models, even against our own models. There's no guarantee that we will meet or exceed the competition in every area, but since we pioneered the market, we'll we've come to know what the customer needs and expects by listening to them over the past few years. We think we've addressed the most common requested features and specifications quite nicely. When you consider price, warranty, performance, duty cycle, and overall value, we think you'll be quite impressed that the leaders are still leading the competition in most areas. Take a look below and see for yourself how we compare.

For those of you interested in TIG work pay special attention to the HF start and built in gas solenoid to control the gas. No need for a special TIG kit, or a gas valve torch. The HF start means you don't have to scratch or lift start. While it does have a lift start option, the HF start is the one most people prefer. The Pulse features of the PowerMTS 251Si stand out as it was the first unit to offer pulse TIG on the market. Fully adjustable MIG inductance is another standout feature we've been putting on our machines since the beginning.

As you can imagine, a product line that has been around as long as the PowerMTS line has been, it has had plenty of time to work the bugs out and is quite a stable platform.

	 Everlast PowerMTS 211Si	 Everlast PowerMTS 251Si	 Miller MultiMatic 200 907518	 Miller MultiMatic 215 907693	 Miller MultiMatic 255 907728	 Miller Multimatic 235 907780	 ESAB Rebel EMP 215ic 0558102240	 ESAB Rebel EMP 235ic 0558012702	 Lincoln PowerMIG 210MP K3963-1	 Harbor Freight Vulcan Omnipro 220
Price	$1249.00	$1689.00	$2745.00	$1889.00	$3705.00	$2429.00	$2349.00	$3299.00	$1799.00	$1099.00
Warranty	5 Year Parts and Labor	5 Year Parts and Labor	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	3 Year Parts and Labor	3 Year Parts and Labor	1 Year Replacement
TIG Kit Included	Yes, Torch and Pedal	Yes, Torch and Pedal	No	No	No	No	Yes	No	No	No
TIG Foot Pedal/Control Connection Location	Front Mounted	Front Mounted	Under Cover Door Side Access	Under Cover Door Side Access	Under Cover Door Side Access	Under Cover Door Side Access	Front Mounted No TIG Gas Solenoid	Front Mounted	Under Cover Door No TIG Gas Solenoid TIG Kit Install Required	Under Cover Door No TIG Gas Solenoid
Water Cooler Capable Plug	Yes	Yes	No	No	No	No	No	No	No	No
Number of Gas Inlets	1	1	2	2	2	2	1	2	1	1
DINSE Size or Type Connector Compatibility	DINSE 35	DINSE 35	DINSE 25	DINSE 25	DINSE 35	DINSE 35	DINSE 35	DINSE 35	DINSE 35	DINSE 35
Input Voltage	120V/240V	120V/240V	120V/240V	120V/240V	208V/240V/460V/575V1 phase	208V/230V/240V 1 Phase	120V/240V	120V/240V	120V/240V	120V/240V
Max Input @ 120V Max Input @ 240V	33A I1Max/ 21A I1Eff 36A I1Max/ 22A I1Eff	39A I1Max/ 24A I1Eff 40A I1Max/ 24A I1Eff	24.5A Rated 31.3A Rated	24.6 Rated 29.3 Rated	208V 65.1A I1Max/ 27.4 I1Eff 240V 54.8A I1Max/24.1A I1 Eff	No 120V 20.2A @ 170A	28.6A I1Max/18A I1Eff 30A I1Max/ 14A I1Eff	30A I1Max/18A I1Eff 48A I1Max/20.3A I1Eff	21.5A/I1Max/15A I1Eff 27A I1Max/14.7A I1Eff	
MIG Amp Range 120V MIG Amp Range 240V	30-125A 30-200A	30-125A 30-250A	30-140A 30-200A	30-125A 30-230A	No 120V 20-350A	No 120V 20-235A	15-130A 15-240A	15-130A 15-250A	20A-100A 20-220A	30-140A 30-220A
TIG Amp Range 120V TIG Amp Range 240V	10-125A DC 10-200A DC	10-125A DC 10-250A DC	5-150A 5-150A	20-150A 20-210A	No 120V 30-275A	No 120V 20-210A	5-130A 5-200A	5A-200A 5A-240A	20A-125A 20A– 175A	10-125A 10-175A
Stick Amp Range 120V Stick Amp Range 240V	10-100A 10-175A	10-120A 10-200A	20-100A 20-150A	30-100A 30-200A	No 120V 5-275A	No 120V 30-200A	16-130A 16-180A	16-130A 16-210A	20A-80A 20A-175A	10-80A 10-175A
MIG Duty Cycle 240V @ Max	35% @ 200A	35% @ 250A	20% @ 150A	20% @ 200A	40% @ 260A	20% @ 235A	25% @ 205A	40% @ 235A	25% @ 200A	25% @ 200A
TIG Duty Cycle 240V @ Max	35% @ 200A	35% @ 250A	30% @ 150A	20% @ 190	60% @ 275A	40% @ 210A	30%@ 180A	40% @ 240A	30% @ 175A	30% @ 175A
Stick Duty Cycle 240V @ Max	35% @ 200A	35% @ 200A	30% @ 150A	20% @ 190	40% @ 240A	30% @ 200A	25% @ 180A	25% @ 210A	25% @ 175A	25% @ 175A
Max. OCV	MIG: 60V TIG: 60V Stick: 60V	MIG: 60V TIG: 60V Stick: 60V	MIG: 90V TIG: 90V Stick: 90V	MIG: 58V TIG: 58V Stick: 58V	MIG: 81V TIG 81V Stick 81V	MIG: 54V TIG: 54V Stick: 54V	MIG: 68V TIG: 68V Stick: 68V	MIG: 68V TIG 68V Stick 68V	MIG: 56V TIG: 56V Stick: 56V	MIG: 78V TIG 78V Stick: 78V
MIG Wire Feed Speed	60-600 IPM	60-600 IPM	70-425 IPM	60-600 IPM	50-800 IPM	60-600 IPM	59-476 IPM	60-700IPM	50-500 IPM	50-500IPM
Number of Drive Rolls	2	4	2	2	2	2	2	2	2	2
Standard Wire Size Capability	.023"-.045"	.023-.045"	.023"-.035"	.023"-.035"	,023"-.045"	.023-.035"	.023"-.045"	.023"-.045"	.023"-.035"	.023"-.035"
MIG Wire Spool Diameter	4" and 8"	8" and 12"	4" and 8"	4" and 8"	8" and 12"	4", 8" and 12"	4" and 8"	4", 8" and 12"	4" and 8"	4" and 8"
Spool Gun Capable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Synergic Spool Gun Operation	Yes	Yes	?	Yes	Yes	Yes	?	Yes	No	No
MIG Inductance/Wave form control	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes
MIG Slope (Run In/Crater Fill)	Yes	Yes	Auto Crater Mode only	Yes, Run-in Only	Yes	Yes, Run-In Only	Yes	Yes	Yes, Run In Only	Yes, Run In Only
MIG Burn Back Control	Yes	Yes	No	No	No	No	Yes	Yes	No	No
Pulse MIG Function	No	Yes, Manually Adjusted	No	No	Yes, Auto	No	No	No	No	No
Pulse MIG Frequency	NA	20-200Hz	No	NA	Auto Controlled	No	NA	No	NA	NA
Synergic/Auto MIG Function	Yes	Yes	Yes	Yes, Auto Set	Yes, Auto Set	Yes, Auto Set	Yes, SMIG	Yes, SMIG	Yes, Auto	Yes
Synergic/ Auto TIG Function/Tungsten Size Selection	No	No	Yes	Yes, Auto Set	Yes, Auto Set	Yes, Auto Set	No	No	No	Yes
Synergic/Auto Stick Function	No	No	Yes	Yes, Auto Set	Yes, Auto Set	Yes, Auto Set	No	No	No	Yes
TIG Output Type	DC	DC	DC	DC	DC	DC	DC Gas Valve Torch	DC Gas Valve Torch	DC Gas Valve Torch	DC Gas Valve Torch
Pulse TIG	No	Yes	No	No	Yes	No	No	No	No	No
TIG Pulse Frequency	No	.5-250Hz	NA	NA	.1-150Hz	NA	NA	NA	NA	NA
TIG Pulse Time On	NA	Yes	NA	NA	Preset	NA	NA	NA	NA	NA
TIG Pulse Balance	NA	Yes	NA	NA	Preset	NA	NA	NA	NA	NA
TIG Start Type	High Frequency/ Lift Start	High Frequency/Lift Start	Lift Only	Lift Only	Lift Only	Lift Only	Lift Only W Gas Valve Torch	Lift Only	Lift Only W Gas Valve Torch	Lift Only W Gas Valve Torch
Stick E 6010 Capable/Recommend	No, but E6011 OK	No, but E6011 OK	No	No	Yes	No	Yes	Yes	No	Yes
Stick Arc Force/Dig	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes
Stick Hot Start Intensity	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes
Stick Hot Start Time	Yes	Yes	No	No	Auto/Preset/ Not adjustable	No	Auto/Preset/Not Adjustable	Yes	No	No
Programmable Sequencer for Remote	Yes	Yes	No	No	Yes	No	Yes, limited features	Yes	No	No
Memory	Yes, 9 programs	Yes, 9 Programs	No	No	Yes, 4 per process	No	Yes, 4 per process	Yes, 4 per process	No	No
TIG /MIG Pre Flow	Yes, TIG and MIG	Yes, TIG and MIG	No	No	Yes, MIG Only	No	Yes, MIG Only	Yes	No	No
TIG/MIG Post/ Flow	Yes, TIG and MIG	Yes, TIG and MIG	TIG: Auto/ Programmable through hidden menu/ No MIG	No	Yes, TIG and MIG	Yes, TIG Only	Yes. MIG only	Yes,	No	No
Weight	55 Lbs.	70 Lbs.	29Lbs.	38 Lbs.	84 Lbs.	63 Lbs.	40 Lbs.	53 Lbs.	40 Lbs.	49 Lbs.
Dimensions	17"Hx9.5"Wx23.5"L	18"Hx11.5Wx26"L	14.5"Hx9.75"Wx17"L	12.5"Hx11.5"Wx20.5"L	19.25"Hx13.25"Wx16.5"L	19.25"x13.75"Wx24.25"L	16"Hx9"Wx23"L	19.5"Hx11.5"Wx26.5"L	14"Hx10.75"Wx19"L	17"Hx12"Wx21"L
Power Cable Length	9.5 ft. (3m)	9.5 ft. (3m)	6.5 ft.	6.5 ft.	10 ft. (3m)	7 ft.	6 .5 ft.	10 ft. (3m)	6 Ft.	10 Ft. (3m)
Dual Voltage Adapter Included	Yes	Yes	Yes	Yes	Not Applicable	Not Applicable	Yes	Yes	Yes	Yes

*This publication is based on available information on June 29, 2021. It relies on other manufacturer data which is subject to change and may vary in accuracy. Prices are based off of an internet survey of sale prices at the time of publication. Actual manufacturer suggested retail price may be higher.