




PowerMTS 141Si*

Like a proud parent, we like to brag about when a child does well. The PowerMTS 141Si is no exception. As far as the PowerMTS 141Si goes, it is the baby of the MTS product lineup. But don't let the small size fool you. It's a class leader. The PowerMTS 141Si stacks up well as a MIG welder, DC TIG welder, and Stick welder in the 120V class, even if you compare each product on it's own individually. But when you compare to other equivalent models out there, it is clearly the winner. We've compiled a list of side by side features along with the price and warranty so you can see the PowerMTS 141Si is truly the standout, with even well balanced stats, all across the board as it is delivered to you.

Even though the class room is still small, it will be hard to beat. It's even got HF start for DC TIG. And no, you don't need to buy an expensive add on or other accessory kit to make it work. It's ready to go, and it even has built in solenoid gas control for TIG! It can even be used with a foot pedal! MIG performance is second to none as well with 25% duty cycle at 140A. That's a great duty cycle for a 140A class MIG. For Stick welding it features a pretty impressive stick capability with the ability to run up to 3/32" welding rods with a butter smooth welding arc that is hard to beat.

			
	Everlast PowerMTS 141Si POWERMTS141SI-120	Lincoln 140 MP K-4498-1	ESAB Fabricator 141 500554
Price:	\$649.00	\$969.00	\$1181.00
Voltage Input	120 V	120 V	120V
Type of Power Source	Inverter	Inverter	Transformer
Stepless (Infinite) Adjustment V/A	Yes/Yes	Yes/Yes	No/Yes
Max Rated Amp Input 120/240V* Max Inrush/Manufacturer Stated Rated (Average)	37A/19A (I1Max/I1EFF)	20A (Rated)	41.5A/26.2A I1Max/I1Eff (With Upgraded Cord)
Rated Amp Range MIG	30-140A	30-140A	10-140A
MIG Duty Cycle @ Rated Amps	25% @ 140A/ 60% @ 90A	60% @ 95A	15% @ 140A/ 20% @ 90A
Rated Amp Range DC TIG	10-140A	10-120A	10-140A
TIG Duty Cycle @ Rated Amps	25% @140A/ 60% @ 90A	60% @ 115A	15% @ 140A/ 60% @ 60A
Stick Amp Range	20-80A	20-90A	10-90A
Stick Duty Cycle @ Rated Amps	25% @ 80A / 60% @ 55A	60% @ 80A	15% @ 90A/ /60% @ 60A
Max OCV	70V	75V Max	53V
Inductance Control	Auto	No	Adjustable
Pre/Post Flow Control	Auto	No	No
Max wire feed rate	480 IPM	500 IPM	390 IPM
Wire Roll Diameter	4" and 8"	4 and 8"	4" and 8"
Wire Diameter Range Stock/Optional Steel	.023"--.030"/.035" .6mm-.8mm/.9mm	.023"--.035" .6mm-.9mm	.023"--.035" .6mm-.9mm
Flux Core Capable	Yes (Drive Rolls Opt.)	Yes	Yes
Spool Gun Ready	Yes/ Use with SM100N	Yes	Yes
Drive Roll Type	2 Roll, Cast Aluminum/Steel	2 Roll, Cast Aluminum/Steel	2 Roll, Metal
Gun Length	10 Ft.	10 Ft.	10 Ft.
Internal Gas Solenoid for TIG	Yes	Yes	No
TIG Foot Pedal Capable	Yes	Yes	Yes
2T/4T Torch Switch Operation	Yes	No	Yes, MIG Only
Live Lift Operation for TIG	Yes	Yes	Yes
HF Start TIG	Yes	No	No
Separate gas inlets for MIG and TIG	Yes	No	No
Weight***	30 lbs.	35 lbs.	32.2 lbs.
Input Cable Length	6 Ft. (2m)	6.5 Ft.	10 Ft.
Warranty	5 Year Parts and Labor 3 Year shipping coverage	3 Year Parts and Labor	3 Year Parts and Labor

*This publication is based on available information on Oct 15, 2022. 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 an temporary brief inrush of current during startup or arc strike.

*** In general inverters are lighter weight than transformer type welders. In some of the documentation, it is not clear whether the weight is unit only, or with the accessories included. It also may not be clear if weight is boxed shipping weight. The weight posted here for Everlast is bare unit weight.