

# PowerARC 210STL and 200STi Cross Comparison\*


## More Power, More Possibilities.

In the current rush to go all "TIG", people forget that the Stick process is far from being dead. It's alive and well in many shops and farms all across the world. In fact, it's still the main process used in pipeline and structural welding. It's also a strong contender in the portable repair business as well. It's certainly not finished as a hobbyist go-to machine for larger repairs either.

The PowerARC 210STL and PowerARC 200STi are two units that stand out as excellent feature-packed Stick welders with both power and performance. But one should not forget that they are also perfectly capable of making excellent DC TIG welds. Whenever a TIG root pass is needed for pipe or when carrying the unit to a site to weld Stainless or mild steel in a food service facility, the

PowerARC 200STL and PowerARC 200STi are up to the task. While both of these 200 Amp welders have features that offer varying amounts of features for TIG and Stick, one thing is clear, these units are designed with performance and ease of operation in mind.

Any hobbyist or professional will find that these units are thoughtfully engineered to compete strongly with other welders in their class. In fact, not only do they compete, they will blow many other 200 amp Stick welders out of the water in features, performance and price. Take a minute or two to compare these units up against the competition. We think you'll be more than impressed with what Everlast offers in their popular PowerARC welder lines.

	 PowerARC 210STL	 PowerARC 200STi	 Thunderbolt 210 907722	 Maxstar 210STR 907682	 Maxstar 280CST 907251	 Stickmate 210i 500571	 Klutch 200STi 55727	 Titanium 220 64978	 Miniarc 161LTS 0558011934	 Invertec V160 K1845-1
	\$499.00	\$399.00	\$745.00	\$2565.00	\$2790.00	\$539.00	\$329.00	\$249.00	\$788.00	\$1776.00
Voltage Input/ Phase	120/240V 1 Phase	120/240V 1 Phase	240V 1 Phase	120V-480V 1 and 3 Phase	208-480V 1 and 3 Phase	240V 1 Phase	120/240V 1 Phase	120/240V 1 Phase	120/240V 1 Phase	120/240V 1 Phase
Max Rated Amp Input 120/240V Max Inrush or Manufacturer Stated Rated (Average)	39.2A 36.8A	39.2A 36.8A	NA 43.4A	27.4A 29.9A	NA 43.9A (1 Phase)	NA 43.4A	20A 40A	21.3A 42A	32.5A 28.5A	25A 34A
Stick Duty Cycle @ Maximum Amps 120/240V	35% @ 120A 35% @ 200A	35% @ 120A 35% @ 200A	NA 20% @ 210A	40% @ 100A 30% @ 210A	NA 50% @ 200A (1 Phase)	NA 20% @ 210A	100% @ 75A 15% @ 200A	40% @ 70A 20% @ 225A	35% @ 110A 35% @ 160A	100% @ 80A 35% @ 160A
TIG Duty Cycle @ Maximum Amps 120/240V	35% @ 120A 35% @ 200A	35% @ 120A 35% @ 120A	No TIG Function No TIG Function	40% @ 150A 60% @ 210A	NA 50% @ 200A	No TIG Function No TIG Function	100% @ 75A 15% @ 200A	No TIG Function No TIG Function	35% @ 110A 35% @ 160A	100% @ 110A 35% @ 160A
Max OCV	70V	70V	85V	77.5V	67V	85V	78V	85V	80V	48V
Lift Start TIG (DC)	Live Lift /Switch Activated	Live Lift	No	Live Lift/Switch Activated	Live Lift	No	Live Lift	No	Yes	Yes
HF Start TIG (DC)	No	No	No	No	No	No	No	No	No	Yes
Digital Display	Yes	Yes	No	Yes	Optional	No	No	No	No	Yes
Pulse TIG (DC)	No	No	No	No	No	No	No	No	No	0-300Hz
Built in Gas Solenoid Valve for Gas Flow Control	Yes	No	No	No	No	No	No	No	No, Use Gas Valve Torch	Yes
TIG Kit Included (Base Model)	No	No	No	No	No	No	No	No	No	No
TIG Foot Pedal/ 2T/4T Torch Switch (Remote)	Yes	No	No	Yes	Yes	No	No	No	No	Yes
Stick Arc Force Control (DIG, Inductance etc.)	Yes, Adjustable	Yes, Adjustable	Auto	Yes, Adjustable	Yes, Limited to soft/crisp only	Auto	No	No	Adaptive (Not Adjustable)	Adaptive (Not Adjustable)
Stick Voltage Reduction for Safety (VRD)	Yes	No	No	No	Optional	No	No	No	No	Select Via Internal Switch
Anti-Stick/Stuck Rod Feature	Yes	No	No	Yes	No	No	Yes	No	No	Yes
Stick Hot Start Time Adjustment	0-2 Seconds	0-2 Seconds	Auto	No	Auto	Auto	Auto	No	Auto	Auto
Stick Hot Start Intensity Adjustment	0-100%	0-100%	Auto	No	Auto	Auto	Auto	No	Auto	Auto
E6010 (Cellulosic Rods) Capability	Yes	Yes	Limited, no open root	Yes	Yes	Limited, no open root	Not Specified	Limited to 155A max	Yes	Yes
Stick Output Range	5-200A	5-200A	25-210A	10-210A	5-200A (1 Ph) 5-280A (3 Ph)	25-210A	15-200A	15-220A	5-160A	5-160A
TIG Output Range	5-200A	5-200A	None	10-210A	5-200A (1 Ph) 5-280A (3 Ph)	None	15-200A	None	5-160A	5-160A
TIG Pre-Flow Control	Auto	Manual Torch Gas Valve	None	Fixed	Manual Torch Gas Valve	None	Manual Torch Gas Valve	None	None	Fixed, .5 Seconds
TIG Post Flow Control	0-10 Seconds	Manual Torch Gas Valve	None	Fixed	Manual Torch Gas Valve	None	Manual Torch Gas Valve	None	None	.5-30 Seconds
TIG Up-Slope	Fixed	None	None	None	None	None	None	None	None	Fixed, .5 Seconds
TIG Down-Slope	0-5 Seconds	None	None	None	None	None	None	None	None	.5-20 Seconds
Weight	28 lbs.	25 lbs.	15.5 lbs.	36 lbs.	41 lbs.	15.5 lbs.	16 lbs.	16.5 lbs.	18 lbs. (8.2kg)	24.2 lbs. (11kg)
Dimensions	6.5"Wx11.5"Hx17"L	6.5"Wx11.5"Hx16.5"L	7.1"Wx10.5"Hx13.8"L	8.6"Wx13.6"Lx19.5"L	7.5"Wx13.5"Lx18"L	7.1"Wx10.5"Hx13.8"L	6.1"Wx11.6"Hx15.5"L	Not Specified	5.8"Wx10"Hx15.8"L	7.9"Wx12.6"Hx16.9L
Input Cable Length	6.5 ft.	6.5 ft.	6.5 ft.	6.5 ft.	Not Specified	6.5 ft.	6.5 ft.	8 ft.	10 Ft (3m)	10 Ft. (3m)
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 Replacement	90 Day Replacement	3 Year Parts/Labor	3 Year Parts/Labor

\*This publication is based on available information on June 2, 2019. It relies on other manufacturer data which is subject to change and may vary in accuracy. Prices are also subject to change.

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