

SPECIFICATIONS:

Input Voltage	120V	208 to 240V
Input Amperage max @ 208/ 240	15A (15A fuse) 30A (20 A fuse)	34.6Amp / 30 Amp
Input amperage effective current	15A (15A fuse) 19.3A (20A fuse)	17.9Amp / 15.5Amp
Maximum Output Amperage TIG	90A (15A fuse) 150A (20A fuse)	250 Amp
Maximum Output Amperage MIG	75A (15A fuse) 120A (20A fuse)	220 Amp
Maximum Output Amperage Stick	60A (15A fuse) 110A (20A fuse)	200 Amp
Minimum Output Amperage TIG AC or DC	5 Amp	
Minimum Output Amperage MIG	13 Amp	
Minimum Output Amperage Stick	10 Amp	
Maximum Recommended Thickness *Single pass capacity varies depending on the material being welded and the settings of the machine.	1/8"	1/4" to 3/8"
Duty-Cycle TIG on 20A (or higher) fuse/breaker @ 104F	40% @ 150A 60% @ 120A 100% @ 110A	20% @ 250A 60% @ 160A 100% @ 130A
Duty-Cycle MIG on 20A (or higher) fuse/breaker @ 104F	40% @ 120A 60% @ 110A 100% @ 90A	25% @ 200A 60% @ 140A 100% @ 120A
Duty-Cycle STICK on 20A (or higher) fuse/breaker @ 104F	40% @ 110A 60% @ 90A 100% @ 75A	25% @ 200A 60% @ 140A 100% @ 120A
Arc Voltage (Mig)	13 to 35V	
Open Circuit Voltage	75V	
Electronic Overload Protection	Yes	
Cooling (On-demand, electric fan, variable speed)	Fan (Forced Air)	
Wire Spool Capability	8"	
Wire Diameter *Depends on the material being welded (not all wire can be welded in all sizes).	.023" to .045"	
Frequency	50/60 Hz	
Wire Feed Rate (In./Min.)	55 to 630 IPM	
Dimensions (Length x Width x Height)	21" x 11-3/4" x 16-1/2"	
Weight *Without wire and cables.	86 lbs	