

STICKWELDER

STICKWELDER 6001 Series

● Heavy Industrial

Stickwelder 6000 Series – The Stickwelder 6000 is an extra heavy-duty unit capable of both Stick Welding and TIG welding with a lift start. Designed for extra heavy fabrication projects. Its 500 Amps of power combined with a 100% duty cycle makes the Stickwelder 6000 Series the perfect machine for extra heavy-duty steel fabrication in tough conditions.

FEATURES

- Specially designed for tough conditions.
- Extra heavy-duty power source.
- Extremely rugged, reliable and easy-to-use.
- Excellent welding characteristics when Stick welding with any kind of rods.
- Ideal for Gouging and TIG Process.
- Low energy consumption.
- High power at 100% duty cycle, tested in 104°F/40°C and 140°F/60°C.
- Suitable for use with main cable lengths up to 330 feet (100 meters).
- Automatic compensation of main voltage fluctuations within $\pm 20\%$.
- Pre-set of current on digital display, digital Ammeter and voltmeter.
- Option to activate the VRD function.
- Comprehensive 3 Year Warranty.



PROCESSES



SMAW



GTAW (DC) - SCRATCH / LIFT START

STICKWELDER 6001 Series Technical Specification		STICKWELDER 6001		STICKWELDER 6001V	
Process	Stick Electrode	TIG (Lift)	Stick Electrode	TIG (Lift)	
Input Voltage Range (Three Phase, 50/60 Hz)	380 V±15%		(400/440/460/480 V) ±10%		
	Parameters In 380 V±15% :		Parameters In 460 V ±10% :		
Primary Current@Max Welding Current	37 A	27 A	33 A	28 A	
Maximum Primary Effective Current (I1 eff max)	37 A	27 A	29 A	24 A	
Welding Current Range	20 - 500 A	20 - 500 A	20 - 500 A	20 - 500 A	
Duty Cycle @ Maximum Welding Current in 104° F (40° C)	100% (500 A)	100% (500 A)	60% (500A)	60% (500A)	
Welding Current @ 100% Duty Cycle in 104° F (40° C)	500 A @ 100%	500 A @ 100%	450 A @ 100%	450 A @ 100%	
Welding Current @ 60% Duty Cycle in 104° F (40° C)	-	-	500 A @ 60%	500 A @ 60%	
Open Circuit Voltage : Volt	84V DC	84 V DC	80 V DC	80 V DC	
Output Voltage Range : Volt	20.8 - 40 V	10.8 - 30 V	20.8 - 40 V	10.8 - 30 V	
Weight : lb (Kg)	128 lb (58 Kg)		136 lb (61.5 Kg)		
Dimensions Including Handle (D,W,H) : inch (mm)	26 x 17.7 x 28 inch (660 x 450 x 715 mm)				
CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE					

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Available Models :

STICKWELDER 6001V (PLC6180565)

Input voltage: (440/460/480 V) \pm 10%

STICKWELDER 6001 (PLT6180564)

Input voltage: 400 \pm 15%













What Is Included

STICKWELDER 6001 Series

ITEM	PART NO.	
*STICKWELDER 6001V	PLS6180565	
*STICKWELDER 6001	PLS6180564	
Electrode holder Set (500 A - 10 ft), AWG 2	ALP2280097	
Ground Clamp Set (500 A - 10 ft), AWG 2	ALP2280503	

* Please select your preferences

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Ground Clamp Set (500A - 20 ft), AWG 2	ALP2280504		Gas Inlet	CGA3180121	
Electrode holder Set (500 A - 20 ft), AWG 2	ALP2280101		Superior True-View Welding Helmet Series	CWPOWER-990T-BLK	
TIG Torch Air Cooled (26 SERIES)	CWSG26VFX-SL-12-SL-GS4		Classic Duty Welding Helmet Series	CWELITE-550S-BLK	
Regulator	CW-RLV-150-60CF-AR		Premium All-Function Welding Helmet Series	CWPOWER-980S-BLK	
Gas Welding Hose	TLJ1080188		Premium All-Function Welding Helmet Series	CWPOWER-980S-CO	
TIG Consumable Kit	ALPTORCHCON26	