

MULTI PROCESS

MULTIPROCESS 6001V-575V

● Heavy Industrial

Multiprocess 6000 Series – The Multiprocess 6000 Series is an extra heavy-duty 500-Amp welding machine, capable of Stick welding, MIG welding, Gouging or TIG welding with a lift start. It's robust design and 100% duty cycle make this an ideal all-around workhorse for all medium to heavy-duty applications.

FEATURES

- Specially designed for tough conditions.
- Extra heavy-duty, reliable with a robust design.
- High power at 100% duty cycle, tested in 104°F/40°C and 140°F/60°C.
- Excellent design characteristics ensure high welding quality, precise arc striking and highly stable arc.
- Fully encapsulated PCB to avoid dust contamination.
- Automatic compensation for main power fluctuations within ± 20%.
- Electronic continuous control of inductance.
- Excellent CC/CV characteristics ensures high quality and trouble-free welding.
- Exceptional welding characteristics in MIG/MAG, Flux Cored, Gouging.
- Precise arc striking and a highly stable arc.
- User friendly parameter settings.
- Comprehensive 3 Year Warranty.



PROCESSES

- MIG**
- SMAW**
- GOUGING**
- GTAW (DC) - SCRATCH / LIFT START**
- GMAW - SOLID WIRE**
- FCAW - FLUX - CORE WIRE**

MULTIPROCESS 6001V-575V Technical Specification

Process	Multiprocess 6001V- 575 V		
	MIG	Stick Electrode	TIG
Input Voltage Range (Three Phase, 50/60 Hz)		575 V (-20%,+10%)	
* (Three Phase 230 /400/ 440 V as option)	Parameters In 575 V (-20%,+10%)		
Primary Current@Max Welding Current	34 A	34 A	26 A
Maximum Primary Effective Current (I1 eff max)	34 A	34 A	26 A
Welding Current Range	30 - 500 A	20 - 500 A	20 - 500 A
Duty Cycle @ Maximum Welding Current in 104° F (40° C)	100% (500 A)	100% (500 A)	100% (500 A)
Welding Current @ 100% Duty Cycle in 104° F (40° C)	500 A @ 100%	500 A @ 100%	500 A @ 100%
Welding Current @ 60% Duty Cycle in 104° F (40° C)	-	-	-
Open Circuit Voltage : Volt	82 V DC	82V DC (27V VRD)	82V DC (27V VRD)
Output Voltage Range	15.5-39 V	20.8-40 V	10.8-30 V
Weight : lb (Kg)	147 lb. (66 Kg)		
Dimensions Including Handle (D,W,H) : inch (mm)	24.8 x 12.2 x 26 inch (630 x 310 x 665 mm)		

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE










What Is Included

MULTIPROCESS 6001V-575V

ITEM	PART NO.	
* Multiprocess 6001V-575V	PLC6180569	
Ground Clamp Set (500 A - 10 ft), AWG 2	ALP2280503	
Electrode Holder Set (500 A - 10 ft), AWG 2	ALP2280097	
MIG Torch Panasonic® Style (500 A - 4m)	CWGP GPN500A-40E-52	
Regulator	CW-RMV-250-30LM-AR	
MIG Wire Feeder 5041	CWF5041	
Welder Cart For Three Phase Machines	TGJ2250683	
MIG Drive Roll (1.2-1.6 mm V Groove)	SET1216V	
MIG Drive Roll (0.9-1.1 mm V Groove)	SET0911V	
MIG Drive Roll (0.9-1.1 mm Knurld)	SET0911K	
MIG Torch Tweco® Style Consumable Kits	ALPCON6001	

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Ground Clamp Set (500 A - 20 ft), AWG 2	ALP2280504		Superior True-View Welding Helmet Series	CWPOWER-990T-BLK	
Electrode Holder Set (500 A - 20 ft), AWG 2	ALP2280101		Classic Duty Welding Helmet Series	CWELITE-550S-BLK	
TIG Torch Air Cooled (26 SERIES)	CWSG26VFX-SL-12-SL-GS4		Premium All-Function Welding Helmet Series	CWPOWER-980S-BLK	
Interconnection cable	TGD4980594		Premium All-Function Welding Helmet Series	CWPOWER-980S-CO	