




The **Multiprocess 4000** is a powerful 400-Amp welding machine, capable of Stick welding, MIG welding, or TIG welding with a lift start. Its robust design and high duty cycle make this an ideal all-around workhorse for all medium to heavy-duty applications.

FEATURES

- Specially designed for tough condition.
- Heavy-duty, robust design and reliable.
- High power at 100% duty cycle, tested in 104°F/40°C and 140°F/60°C.
- Excellent design characteristics ensures 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 characteristic ensures high quality and trouble-free welding.
- Exceptional welding characteristics in MIG/MAG, Flux-cored, and Stick welding (MMA).
- User friendly parameters settings.
- Initial and final crater control.
- Comprehensive 4 Year Warranty.



PROCESSES

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

MULTIPROCESS 4001VC Technical Specification

Process	MULTIPROCESS 4001VC		
	MIG	Stick Electrode	TIG
Input Voltage Range (Three Phase, 50/60 Hz)	(440/460/480 V) ±10%		
* (Three Phase 230 /400/ 440 V as option)	Parameters In 460 V±10% :		
Primary Current@Max Welding Current	24 A	23 A	18 A
Maximum Primary Effective Current (I1 eff max)	22 A	23 A	18 A
Welding Current Range	30 - 400 A	20 - 360 A	20 - 360 A
Duty Cycle @ Maximum Welding Current in 104° F (40° C)	60% (400 A)	100% (360 A)	100% (360 A)
Welding Current @ 100% Duty Cycle in 104° F (40° C)	360 A @ 100%	360 A@ 100%	360 A@ 100%
Welding Current @ 60% Duty Cycle in 104° F (40° C)	400 A @ 60%	-	-
Open Circuit Voltage : Volt	78V DC	78V DC (27V VRD)	78V DC (27V VRD)
Output Voltage Range	15.5 - 34 V	20.8 - 34.4 V	10.8 - 24.4 V
Weight : lb. (Kg)	152 lb. (69Kg)		
Dimensions Including Handle (D,W,H) : inch (mm)	33.8 x 12.2 x 32 inch (860 x 310 x 815 mm)		

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE













What Is Included

MULTIPROCESS 4001VC

ITEM	PART NO.	
Multiprocess 4001VC	PLC4135702	
Ground Clamp Set(390-460A-10ft.),AWG2/0	ALP2280503	
Electrode Holder Set(390-460A-10ft.),AWG2/0	ALP2280097	
MIG Torch Tweco® Style M300 TE (300 A - 15 ft.)	CWPGTWTW300-15E	
Argon/CO2 Regulator	CW-RMV-250-30LM-AR	
Gas Welding Hose	TLJ1080188	
MIG Drive Rolls (0.040-0.045 Inch V Groove)	SET1012V	
MIG Drive Rolls (0.035-0.045 Inch V Groove)	SET0911V	
MIG Gun Tweco® Style Consumable Kits	ALPCON4001	

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Ground Clamp Set(390-460A-20ft.), AWG 2/0	ALP2280504		Gas Fitting	CGA3180121	
Ground Clamp Set(390-460A-30ft.), AWG 2/0	ALP2280515		C9 Black (Series Helmets)	CWPOWER-990T-BLK	
Ground Clamp Set(390-460A-40ft.), AWG 2/0	ALP2280516		C5 Black (Series Helmets)	CWELITE-550S-BLK	
Electrode Holder Set(390-460A-20ft.), AWG 2/0	ALP2280101		C8 Black (Series Helmets)	CWPOWER-980S-BLK	
Electrode Holder Set(390-460A-30ft.), AWG 2/0	ALP2280202		C8 Coal Fire (Series Helmets)	CWPOWER-980S-CO	
Electrode Holder Set(390-460A-50ft.), AWG 2/0	ALP2280303	