

● Heavy Industrial

MULTIPROCESS 6001V-575V

The **Multiprocess 6000 Series** is an extra heavy-duty 500-Amp welding machine, capable of Stick welding, MIG welding, Flux cored 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 $\pm 20\%$.
- 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 parameters settings.
- Comprehensive 4 Year Warranty.



PROCESSES



GMAW - SOLID WIRE
FCAW - FLUX - CORE WIRE



GTAW (DC) - SCRATCH / LIFT START



SMAW



GOUGING

MULTIPROCESS 6001V-575V Technical Specification

Multiprocess 6001V- 575 V












| Process | 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. (61 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 (450-540 A - 10 ft.), AWG 3/0 | ALP2280520 |  |
| Electrode Holder Set (390-460 A - 10 ft.), AWG 2/0 | ALP2280097 |  |
| MIG Torch T-Style M400 TE (400 A -15 ft.) | CWGPGTW400-15E |  |
| Argon/CO2 Regulator | CW-RMV-250-30LM-AR |  |
| MIG Wire Feeder 5041 | CWF5041 |  |
| Welder Cart For Three Phase Machines | TGJ2250683 |  |
| MIG Drive Rolls (1.2-1.6 mm V Groove) (Hard Wire) | SET1216V |  |
| MIG Drive Rolls (0.9-1.2 mm V Groove) (Hard Wire) | SET0911V |  |
| MIG Drive Rolls (0.9-1.2 mm K) (Knurled) | SET0911K |  |
| MIG Gun P-Style Consumable Kits | ALPCON6001 |  |

OPTIONAL ACCESSORIES

| PRODUCT | PART NO. | | PRODUCT | PART NO. | |
|--|------------|---|--|------------------------|---|
| Electrode Holder Set 390-460A, 20ft. Welding Cable | ALP2280101 |  | TIG Torch 200 AMP Gas Valve Air Cooled (26 SERIES) | CWSG26VFX-SL-12-SL-GS4 |  |
| Electrode Holder Set 390-460A, 30ft. Welding Cable | ALP2280202 |  | Wirefeeder/Power Source Interconnection Cable | TGD4980594 |  |
| Electrode Holder Set 390-460A, 50ft. Welding Cable | ALP2280303 |  | C9 Black (Series Helmets) | CWPOWER-990T-BLK |  |
| Ground Clamp Set 450-540A, 20ft. Welding Cable | ALP2280521 |  | C5 Black (Series Helmets) | CWELITE-550S-BLK |  |
| Ground Clamp Set 450-540A, 30ft. Welding Cable | ALP2280522 |  | C8 Black (Series Helmets) | CWPOWER-980S-BLK |  |
| Ground Clamp Set 450-540A, 40ft. Welding Cable | ALP2280523 |  | C8 Coal Fire (Series Helmets) | CWPOWER-980S-CO |  |