

STICKWELDER

● Light Industrial

MMA 161 Du

The MMA 161 Du is a portable, powerful and versatile welding machine. This unit is capable of either Stick Welding or TIG Welding with a lift start. With its high duty cycle, lightweight construction and dual voltage capabilities, it is the perfect machine to be paired with a generator and used outdoors for light or medium fabrication projects. This Machine is capable of welding rods from 1/16 in (1.6 mm) to 5/32 in (4.0 mm) easily.

FEATURES

- High power output, 130A @100% Duty Cycle & 160A @30% Duty Cycle.
- Tested in (104°F /40°C), designed for the toughest conditions.
- Input voltage 240V (+10% - 15%) or 120V (+10% - 15%).
- Light weight, Carrying belt for easy transportation.
- Two available welding process: Stick and TIG (Lift).
- Ability to use up to 165 feet (50 meters) leads without any power loss at the weld.
- Excellent welding characteristics with any type of rods.
- Capable of welding on sharp edges.
- Automatic Hot Start to improve the arc striking with the most difficult rods.
- Arc Force to automatically select the best welding arc dynamics.
- Electrode Anti-Sticking function.
- Ability to work outdoors with adequate power generator.
- Fan cooled and thermally protected against overheating.
- Large size Dinse style welding connectors.
- Metal faced panels.
- Comprehensive 3 Year Warranty.



PROCESSES



SMAW



STICK



GTAW - SCRATCH / LIFT START

TIG

MMA 161 Du Technical Specification

| Process | Stick Electrode | TIG (no HF) | Stick Electrode | TIG (no HF) |
|--|---|---------------|----------------------|---------------|
| Input Voltage, Single Phase, 50/60 Hz | 208 to 240 V(±10%) | | 105 to 120 V(±10%) | |
| Primary Current@Max Welding Current | 29 A | 20 A | 29 A | 19 A |
| Maximum Primary Effective Current (I1 eff max) | 24 A | 18 A | 29 A | 19 A |
| Welding Current Range | 10 - 160 A | 10 - 160 A | 10 - 90 A | 10 - 90 A |
| Duty Cycle @ Maximum Welding Current in 104° F (40° C) | 30% (160 A) | 80% (160 A) | 100% (90A) | 100% (90A) |
| Welding Current @ 100% Duty Cycle in 104° F (40° C) | 130 A @ 100% | 150 A @ 100% | 90 A @ 100% | 90 A @ 100% |
| Welding Current @ 60% Duty Cycle in 104° F (40° C) | 140 A @ 60% | - | - | - |
| Open Circuit Voltage : Volt | 66 V | 66 V | 69 V | 69 V |
| Output Voltage Range : Volt | 20.4 - 26.4 V | 10.4 - 16.4 V | 20.4-23.6 V | 10.4 - 13.6 V |
| Weight : lb (Kg) | 18 lb (8.5 Kg) | | | |
| Dimensions Including Handle (D,W,H) : inch (mm) | 15.7 x 5.7 x 12.2 inch (400 x 145 x 310 mm) | | | |

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE

Available Model :

MMA 161 Du (PLT0280278)



What Is Included

MMA 161 Du

| ITEM | PART NO. | |
|---|------------|---|
| MMA 161 Du | PLB8680153 |  |
| Canaweld Bag | TGJ2780145 |  |
| Electrode holder Set (250 A - 10 ft), AWG 4 | ALP2280095 |  |
| Ground Clamp Set (250 A - 10 ft), AWG 4 | ALP1980449 |  |

OPTIONAL ACCESSORIES

| PRODUCT | PART NO. | | PRODUCT | PART NO. | |
|---|------------------------|---|--|------------------|---|
| TIG Torch Air Cooled (26 SERIES) | CWSG26VFX-SL-12-SL-GS4 |  | Welder Cart For Single Phase Machines | TGJ2250681 |  |
| Regulator | CW-RLV-150-60CF-AR |  | TIG Consumable Kit (TIG TORCH 26 Series) | ALPTORCHCON26 |  |
| Gas Welding Hose (10 ft) | TLJ1080188 |  | Gas Inlet | CGA3180121 |  |
| Ground Clamp Set (250 A - 10 ft), AWG 4 | ALP1980448 |  | Adapter Plug 230-120V | CGA9980060 |  |
| Ground Clamp Set (250 A - 20 ft), AWG 4 | ALP1980451 |  | Welding Helmet (Black A1) | CWPOWER-980S |  |
| Ground Clamp Set (250 A - 30 ft), AWG 4 | ALP1980452 |  | Welding Helmet (Sugar Maple A1) | CWPOWER-980S-D1 |  |
| Electrode holder Set (250 A - 20 ft), AWG 4 | ALP2280449 |  | Welding Helmet (Red Maple A1) | CWPOWER-980S-D2 |  |
| Electrode holder Set (250 A - 30 ft), AWG 4 | ALP2280470 |  | Welding Helmet (Coal Fire A1) | CWPOWER-980S-P08 |  |
| Electrode holder Set (250 A - 50 ft), AWG 4 | ALP2280472 |  | | | |