



Hurricane MTS 220-C

GMAW/FCAW/GTAW-P/SAW/PAC

Operating Specifications

Input: 120/240V 50/60Hz 1 Ph	MIG Duty Cycle @ Rating: 120V: 35% @ 125A/20.3V 240V: 35% @ 225A/ 25.3V	TIG Duty Cycle @ Rating: 120V: 60% @ 125A/15V 240V: 35% @ 225A/19V	Stick Duty Cycle @ Rating: 120V: 35% @ 100A/20.4V 240V: 60% @ 180A/27.2V	Plasma Duty Cycle @ Rating: 120V: 60% @ 25A/90V 240V: 60% @ 40A/96V
MIG Range: 120V: 30-125A/15.5-20.25V 240V: 30-225A/15.5-25.3V	DC TIG Range: 120V: 10-125A/10.4-15V 240V: 10-225A/10.4-19V	AC TIG Range: 120V: 20-125A/10.8-15V 240V: 20-225A/10.8-19V	Stick Range: 120V: 10-100A/20.4-24V 240V: 10-180A/20.4-27.2V	Plasma Range: 120V: 20-25A/88-90V 240V: 20-40A/88-96V
Inrush Amps: (IIMAX) 120V: 28A 240V: 31A	OCV: MIG/TIG/Stick: 64V Plasma Cutter: 250V	Gas Purge: Yes	MIG Run-In: Yes	TIG Start Type: HV (HF)/ Lift Start with Remote/ Live Lift
Rated Amps: (IIEFF) 120V: 17A 240V: 16A	Max Wire Feed: 120V: 425 IPM 240V: 600IPM	MIG Wire Jog: Yes	Memory: Up to 30 Nameable Programs. Lockable.	Plasma Start Type: Blow-Back/Pilot Arc
Spool Size: 4" and 8" (2 lbs. and 10-12 lbs.)	Drive Rolls: 4; 2 drive/2 Idler	Weight: 91 lbs.	Dimensions: 12"Wx17"Hx26"L	PowerSet Mode: Yes
MIG Gun: SN-24 Series, 3m (10 ft.)	Tig Torch: 26 Series, 4m (12.5 ft)	Plasma Torch: iPT 40, 3m (12.5 ft)	Push-Pull Ready: Yes. Gun Optional	Spool Gun Ready: Yes. Gun Optional

Everything. Literally.

Convenient Portability

The thick steel case design is sturdy and is equipped with both end and center carry handles for on-the-job portability.

Improved HD LCD Color Screen

The large, 720HD TFT display is easy to read with intuitive, high contrast graphics. All settings for the process are visible at a glance without scrolling through menus or hidden screens.

35% and 60% Duty Cycle

The Duty Cycle for MIG and TIG is set at a generous 35% at maximum output. For Stick and Plasma the Duty Cycle is set at 60% Duty cycle. The Duty Cycle has been carefully tested to meet the demands of each process at a commercial level.

More Memory

The latest generation programmable memory has been increased to be able to save up to 30 programs that can be individually named and locked to prevent unwanted tampering.

Auto Change of Polarity

Once the torch and work clamp have been connected properly, there is no need to change polarity. The unit will automatically change polarity if switching between DC TIG and AC TIG or even between MIG and gasless Flux cored welding.

Easy Installation of Torches

Euro Quick MIG connector and Euro Central Connector make MIG and Plasma torch connections simple and easy. No tools needed. Dinse-type connectors for TIG/Stick are the industry standard.



Separate inlets in the rear.

The rear features separate gas inlets for MIG, TIG and Plasma. Reduces the need to changeout welding gases. All gases cylinders can stay connected at the same time.

Easy selection of different processes

There's no need to wade through any hidden menus to change processes. Simply press the button at the top to highlight the process you want, and it instantly ready to go. This makes setup so much quicker and less fumble prone.

PowerSet Mode 3.0

As a synergic type function, you just need to know the basics about your weld parameters and input them. The Powerset function has been refined to offer a better and simpler setup experience than previous versions. New graphics and reduced parameter inputs are key features.

Spool Gun and Push-Pull Gun Ready

The unit's versatility now includes both spool-gun and push pull gun capability and can be used with multiple models of both that Everlast offers.

Quick Gas Connection For TIG Torch

Everlast has pioneered the use of gas quick connects in the industry. Now others are following. Rather than needing a couple of wrenches and about five minutes of change over time, you can now remove or change your TIG torch in mere seconds instead of the usual time it takes.

5
YEAR WARRANTY

5 Year Parts and Labor Warranty

Simply the best transferable warranty in the business. Who else offers this without paying extra, or giving you a long list of exclusions? The is the gold standard of warranties in the Industry.

Uses: Industrial Production Welding, Commercial Fabrication, HVAC, Motor Sports, Portable Repair

More Than a Multi-Process Welder

The True All-In-One.

If you have been looking at multi-process, or "all-in-one" welders, you know there are a lot of claims about having a "True" Multi-process that does everything. Well, even though Everlast was the first to the market with the MIG/TIG/Stick type welder, and has many iterations of Multi-process welders in the line-up, Everlast cemented it's reign king of multi-process with the introduction of the Hurricane 220-C. The Hurricane line is the true all-in-one because it allows you to both weld and cut with one unit. You can go to the job site with every process at your disposal.

Most jobs require metal to be cut to shape or size in some way. Showing up at a job site or having a welder in your shop, with no way to cut is a good way to loose business quickly. The Hurricane 220-C gives you that ability without having to purchase or drag along a lot of extra gear. The 40 Amp plasma cutter function of the Hurricane makes sure that you will always have something to cut with that is within the welding capacity of the machine. In fact, with 40A, it is quite likely that it can handle most common hand-held

cutting chores quite easily with power to spare.

As far as MIG goes, with 220A, most general purpose welding chores can be handled with ease. Plenty of features like inductance, pre and post flow are included. PowerSet function in MIG makes ensures that a rapid accurate setup is possible by professionals and amateurs alike. The recent addition of Push-Pull capability has extended it's versatility for welding Aluminum with the MIG process.

The ability to weld any metal is made complete with the 220A AC/DC TIG function of the Hurricane which includes Pulse function in both AC and DC modes with wave form control for DC pulse. AC function includes selectable wave forms in the process. The PowerSet mode helps to reduce the setup effort for quick on-the-spot repairs.

With 175A of Stick output, the welder can weld with every common welding rod including E6010. It's enough power to weld with up to 5/32" electrodes.

New, Innovative Features and Display

HD 720 TFT LCD Color Display

Large color display provides large, easy to see main parameters. Easy to navigate and adjust with left and right side controls.

Left/Right Controls

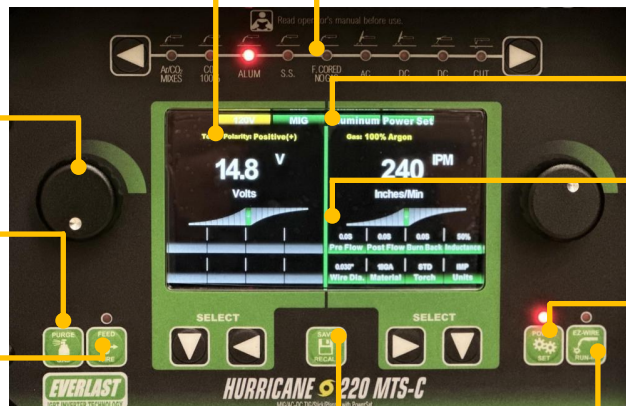
Left/Right Control knobs adjust each half of the screen for easy setup. Arrow buttons navigate left and right sides.

Gas Purge

Easily set the gas flow rate by pressing this button. This will open the gas solenoid without having to press the torch switch or foot pedal.

Wire Jog

Make easy work of loading wire by providing a fast independent feed without having to pull the MIG gun trigger. Saves gas and time.



Programmable Memory

Save, Name and Lock up to individual programs including PowerSet programs.

Welding/Cutting Thickness Limits*:

*Welding thickness limits are typically described in single pass and multi-pass terms. Multiple pass welds on thicknesses 1/4" and over are

typically prescribed as "best practice" welds, whereas a single pass weld, may not yield the best or strongest weld but is used to give a comparative idea of the machines capability. For weldment because of heat dissipation capability. Larger weldments will require more welding amperage to make the same weld as a smaller

Maximum Single Pass MIG Weld: 3/8"

Maximum Multi-Pass MIG Weld: 5/8"

Minimum MIG Weld: 24 ga

Maximum Single Pass DC TIG Weld: 3/8"

Maximum Multi-Pass DC TIG Weld: 5/8"

Maximum Single Pass AC TIG Weld: 5/16"

Maximum Multi-Pass AC TIG Weld: 3/8"

Minimum Weld Thickness All Voltages: DC: 24 ga, AC: 14 ga

Stick Weld Maximum Electrode Diameter: 1/8 - 5/32" (Depending upon mfg. and type/class)

Plasma Clean Cut Maximum Thickness: 1/2"

Plasma Sever Cut Maximum Thickness: 5/8"

Easy Process Selection

The process selection is simple and designed to eliminate hidden menus and reduce setup time.

Machine Status Indicators

The screen always reminds you of the operating status of the machine to help reduce confusion. It even tells you operating voltage input of the machine (120V or 240V).

Three-Tier Selection Menu

The two tiered status indicator helps further reduce the need for complicated hidden or expanded menus. The navigation button simply helps you to select the tier you wish to adjust.

PowerSet Function (Shown Engaged)

PowerSet is a synergic function that is designed to assist users in making accurate setup of parameters without extensive setup procedures or specific machine knowledge. PowerSet 3.0 features improved graphics and reduced inputs for easy setup experience when turned on.

Run-In

This controls the run-in speed of the MIG wire. This helps to improve starts. May be turned off if required for tacking.

Standard Equipment and Options

Standard Equipment:

- 12.5 ft (4m) 26 Series Air-Cooled Rigid neck (Straight Head) TIG Torch
- 10ft (3m) 24 Series MIG Gun
- 12.5 ft IPT 40 Plasma Torch
- 250A Work Clamp and 10 ft (3m) Cable
- 250A Stick Electrode Holder 10 ft (3m) Cable
- Brass Floating Ball Type Argon Regulator
- Water Trap/Regulator for Plasma Cutter
- 6.5 ft. Power Cord (No plug)
- Starter Consumable Kit (No Tungsten)
- 240V to 120V Adapter



Will this unit operate on a generator?

Yes, it will. However, the unit should never be run on an undersized generator, even at less than maximum amperages just to "get -by". We want you to get the best life and performance out of the unit while operating on a generator, so please follow these guidelines when choosing this welder and using your generator to match these additional requirements.

- The generator must be rated as providing "Clean Power Output", This means that it provides 5% or less Total Harmonic Distortion. The generator manufacturer determines this rating. Consult with the manufacturer of the generator before your purchase.
- The generator must be at least 8500 Surge Watts. (1 ph. 240V)
- **Notice:** Switch the welder off before powering down the generator. Do not run the generator out of fuel while the welder is switched on.
- **Failure to use with a proper sized generator will void the warranty.**

Customer Favorite Options:

- NOVA Wireless Pedal: SKU# NVA-WL-FP200-EV07-MTS
- PowerCart 375LF: SKU# PC375LF
- NOVA Rotaflex Water-Cooled 26 Torch, 12.5 ft.: SKU# NOVA-RF-26-35QD

Everlast makes every effort to ensure accuracy of stated specifications and kit contents at time of publication. However, due to continual our efforts to improve our products and offerings, stated specifications, accessory kit content or product appearance may change without notice. Any change in specification, kit contents, appearance, length, etc. can be verified by calling toll-free @ 877-755-9353. In the event of these changes, Everlast will not be liable to provide product, kit contents, or accessories exactly as depicted or described in this publication. Please review warranty details @ <https://www.everlastgenerators.com/standard-warranty>. The 5 year parts and labor warranty covers only the power source and does not cover accessories or consumables. While this publication may be used in multiple distribution markets, the 5 year warranty only applies to US products only. Canada and other countries maintain different warranty periods and policies. Consult directly with your country's distributor about your warranty details. Accessories, including all NOVA products are covered under a separate warranty. Consumables and consumable kits are not warranted except against manufacturer defect. Since Everlast cannot know every situation and detail of customer's application, any statement of other warranty, expressed or implied, or statement concerning suitability of this product for a specific customer use or application is specifically disclaimed. The customer is responsible for ensuring safe and practical operation of the unit and is solely responsible for the proper use and application of this product and accessories.