



STORM 215C

MULTI-PROCESS

Specifications

Process:	GMAW/F-CAW/SMAW/PAC	Input:	Dual: 120/240V	Output Range (120V) 240V:	MIG: 30-(125A)200A;15.5-(20.3)24V Stick:10-(100A)160A Plasma: 20-(25A)40A	I1Max (Inrush) (120V) 240V:	(35A) 33A	I1Eff (Rated) (120)240V:	(21) 20A
Duty Cycle:	35% @ Max. Output Each Process	OCV:	74V	Drive Roll Size:	.023-.030" V-Groove (.035"- .045" opt.)	Wire Spool Size:	4"-8" (2-12 lbs.)	MIG Gun Type:	15 Series 4m.
Digital Display:	Color LCD	Weight:	68 lbs.	Dimensions:	20" L x 17" H x 9.5" W	Max Wire Speed:	(425) 600 IPM	PowerSet Mode:	Yes

A First For Multi-Process: MIG. Stick. Plasma. Together.

Digital IGBT Inverter Power Output

A revolutionary new design incorporates MIG, Stick and Plasma processes into one unit thanks to digitally controlled inverter design and modern advancements in technology.

Large Digital Color Display

The large display makes the main settings stand out at a distance so you can always see them at a glance from a distance. Color coding and graphics help you quickly identify and set parameters.

Spool Gun Ready

If you need it, the unit is ready to weld with the optional SM200N-MTS Spool Gun. Just select the function, plug the gun in and your are ready to go.

Tool-Free Euro Quick Connect

The best design used for connecting up your MIG gun period. No tools needed! Quickly and easily change the MIG gun with a lower chance of misalignment and leaking of mig gas. This Euro style has been around for 40 years and has proven itself to be one of the most popular designs in both North America and the world.



Dual Voltage 120/240V Operation

Look on the back and you'll see that the unit is designed to operate on 120V or 240V input. No switching of terminals needed. The unit automatically senses the voltage when the supplied 240V to 120V adapter is used.

Clear, Protective Cover

We've got you covered on the details. The clear protective cover protects the control panel from grinder dust, weld sparks and dirt in general, so your welder will last for years to come. The new design allows gloved hands to easily lift it without having to remove the glove.

PowerSet Function

No need to rely on complicated charts and menus to set up your machine. Simply select the desired process, and make basic inputs of wire/electrode size, and metal thickness and the unit adjusts to a useable setting automatically.

Easy Change of Polarity

Need to quickly change over for Flux-Cored wire, or back to solid wire? No problem. Twist and go. You've just changed your polarity.



5 Year Parts and Labor Warranty

Simply the best warranty in the business. Who else offers this without paying extra, or giving you a long list of exclusions?

Uses: Fabrication, Home Hobby, Automotive, Motor Sports and Portable Repair

Everything in One?

The Solution is Real.

For ages welding shops and even home garages have been plagued with having to decide between which products to purchase and how to balance space and budget considerations. People have often dreamed about having a perfect "all-in-one" with a size that reduced space concerned and freed up shop floors, while not breaking the bank. To be honest, a number of Multi-process solutions have appeared over the years, but nothing has ever quite hit the mark for those engaged in professional portable repair and fabrication services. For the hobbyist, the situation has even been worse. Plasma cutting capability always seems to be the big ticket item left out of the picture. Well, no more. The Storm 215C answers the call and stands tall with a professional level machine that is both easy to use and feature rich. The PowerSet mode offers true synergic operation, with preset "auto" locked features while the manual mode allows users to custom tailor the machine to their own personal welding and plasma cutting needs. With an maximum output 200A MIG,160A Stick and 40A Plasma Cutting, and a commercial level 35% duty cycle at max output, this is the perfect machine for day to day welding and cutting activities in almost any average small fabrication, motorsports, repair shop or welding enthusiast who has budget, space or portability concerns in their welding operations.

More Features Than You'd Expect.

The unit doesn't skimp on features or performance. MIG/Stick arc quality is among the best in the industry. Cutting capability is competitive with other 30 to 40 Amp plasma cutters on the market. Stick welding is a smooth as you'll find with any 1/8" 7018. When it comes to features, the Storm 215C is literally stacked deep with professional features for all levels of users.

- PowerSet operation for easy, synergic control and no-guess setup.
- Adjustable Pre and/or Post Flow in Manual Mode for MIG/Plasma.
- Spool Gun (Spool Gun Opt.) capability in any MIG/Flux mode.
- Separate Aluminum MIG mode.
- 2T/4T trigger control for MIG and Plasma
- MIG Inductance adjustment controls puddle wet-in and arc stiffness.
- Stick weld with common rods like E6011, E6013, E7014, and E7018.
- Hot Start control in Stick Mode.
- Arc Force Control in Stick Mode.
- Plasma Safety Cut-Out for Low/No Air.
- Polarity, Torch and Gas Reminders when you change processes.
- 120V or 240V operation, with auto input sensing technology

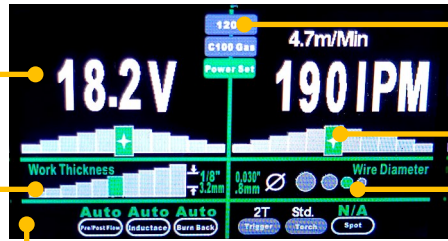
PowerSet Mode and Layout of the Panel Explained

Bright LCD Screen

The display is clear, bright and easy to read. Easy to read Wire Speed Feed and Volts in the dark or bright light at a distance. Never guess at your exact

Select the Work Thickness

This section appears in PowerSet Mode. Select the thickness of the work to enable the machine to set the Volt and/or Amps for you. When both thickness and Wire diameter are selected, the volts and Amps will be automatically selected for you.



Easily Remember and Confirm the Basics

The reminder "Tree" reminds you of things like the gas type to use, the voltage you are operating on, and whether you are in Manual or Powerset mode. The info will appear in the rectangular bars.

Fine Tune Your Setting

If you need to due to differences in welding position or personal welding style, the PowerSet mode allows you to fine the setting. Don't worry though, if you mess it up, or get too far off track, the starred bar in the PowerSet Mode guides you back to "center".

Select the Wire or Electrode Diameter

Select the MIG wire diameter or Stick electrode diameter when in PowerSet mode. When combined with the work thickness input, the unit will automatically select the correct settings for you.

PowerSet Features Versus Manual Features

The unit has more adjustability than just Volts and Amps. The unit features adjustable pre and post flow of gas in MIG mode, Inductance and burn back control in manual mode. In stick features such as arc force control and hot start are adjustable in manual mode. However, in PowerSet mode these features are set to Auto by default, allowing a much simpler operation for easy setup and "no guess" welding. Some features do remain up to the user in PowerSet like torch type and trigger operation style.

Simple Layout and Intuitive Controls

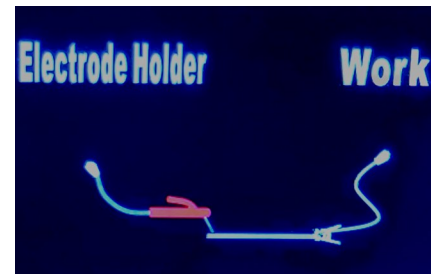
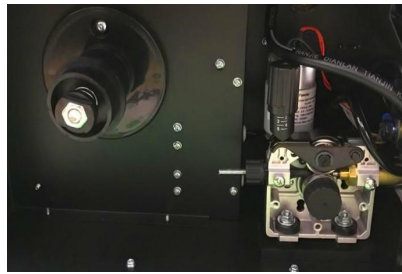
There's not a lot to learn. There's no hidden menus or functions. When you select your process, every feature and function is on one screen. This simplifies operation and makes setup easy.

Durable Wire Feeding Mechanism

The standard wire feed mechanism we've used reliably for years is fitted to this unit. No plastic here. Just Cast Aluminum and Steel.

Polarity and Torch Change-Over Reminder

When swapping processes, the unit will briefly remind you to change the torch and polarity so you won't forget.



Standard Equipment and Options

Standard Equipment:

- 12 ft (4m) 15 Series MIG Gun
- 250A Work Clamp and 10 ft (3m) Cable
- iPT40 Innotec 12 ft (4m) Plasma Torch
- 250A Stick Electrode Holder and 10ft (3m) Cable
- Brass Billet Floating Ball Type Argon Regulator
- Plasma Cutter Air Regulator/Water Trap
- 240V to 120V Pigtail Power Adapter
- Starter Consumable Kit for MIG and Plasma



Customer Favorite Options:

- 20 ft. Everlast PowerSpool SM200N-MTS SKU/Part # SM200N-MTS-20
- PowerCart 330 SKU/Part# PC330-H
- .035"-.045" Flux Drive Roll SKU/Part# EV-FLUXROLL-912-1PC
- .035-.045" Hard Wire Drive Roll (V-Groove) SKU/Part# EV-VROLL-912-1PC

Can this unit operate on a generator?

The small size and portability of the Storm 215C makes it a perfect candidate for use with a generator. 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.

- The generator must be rated as "Clean Power Output", This means that it provides 5% or less Total Harmonic Distortion. The generator manufacturer determines this rating. Consult with them before your purchase.
- The generator must provide at least 9000 Surge Watts. 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 do follow these recommendations may void the welder warranty.

What size compressor do I need for Plasma?

The 40A plasma feature of this machine is best coupled with a compressor that is capable of providing at least 4.5 CFM @ 90PSI, and has a tank capacity of 20 gallons. Smaller compressors and capacity tanks may be used temporarily. However, never use a small pancake style compressor with this unit. It does not have enough reserve tank capacity. Never use with a compressor that is less than 4 CFM @ 90 PSI and that has a tank capacity less than 5 gallons. Operating with anything smaller will result in the unit stopping in mid cut or damage to the torch. **Always operate with an additional air dryer mounted between welder/cutter unit and the air compressor for best consumable and torch life.**