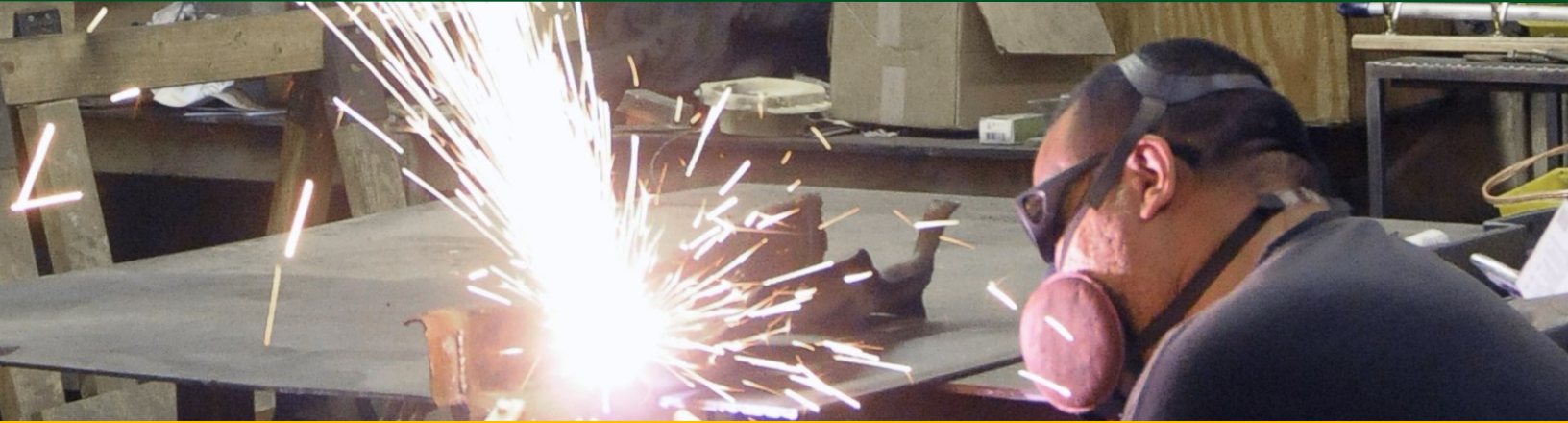




# PLASMA



## PowerPlasma Series

### IGBT Inverter Plasma Cutters

We believe that change in the welding industry is the only constant. Rest too long on your past accomplishments and someone will eventually overtake you.

Everlast's newest line of Plasma Cutters takes this sentiment to heart. With the step up to a fully redesigned and digitally controlled inverter, we've been able to update cut performance and improve features to match and exceed the standards of the industry. And we've managed to add a few of our own innovative ideas in there during the process.

Some of our improvements to look for:

- Digital Air Pressure Gauge
- Built-in Air Pressure Guide System
- Separate Gouge Mode
- Separate CNC Mode
- Post-Flow Control and Display Timer
- Super-Bright Digital Displays
- Improved Cut Performance

## PowerPlasma 25i XTR

### New Member of the Family

Every family has a baby from time to time. Everlast is no different. The New "baby" PowerPlasma 25i XTR is a welcome addition with dedicated 120V cutting ability. This new model has been tested and for a such a small machine, cuts cleanly with the big boys. Furthermore the PowerPlasma 25XTRi is a cutter of that fits into many small shops and home hobbyists budgets. The extreme portability of this machine makes it an excellent candidate for use in portable welding, where 240V may not always be available. With the ability to cut down to 10A, a quality cut on the thinnest material is easily achievable.



PowerPlasma 25i XTR

PowerPlasma 52i

PowerPlasma 62i

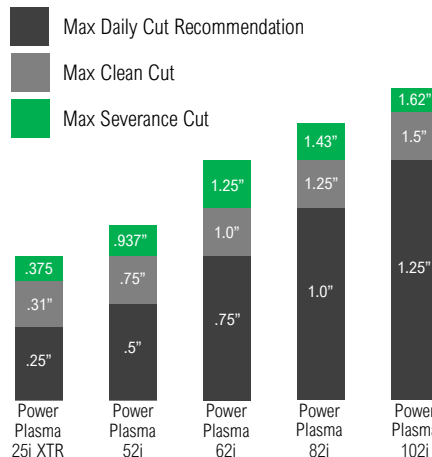
PowerPlasma 82i

PowerPlasma 102i

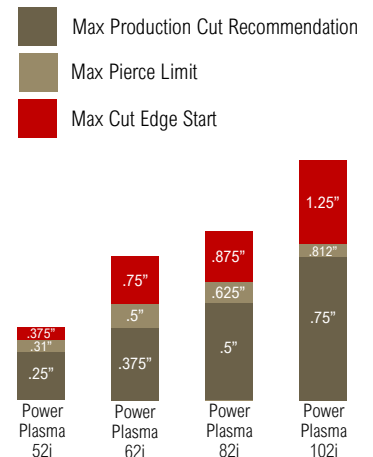
Model	120V	120/240V	240V	240V 3 Ph	Amps	Torch	Warranty
PowerPlasma 25 i XTR	●				10-25A	iPT25	5 Year
PowerPlasma 52i		●			20-50A	iPT60	5 Year
PowerPlasma 62i			●		20-60A	iPT60	5 Year
PowerPlasma 82i			●	★	20-80A	iPT80	5 Year
PowerPlasma 102i			●	★★	20-100A	iPT100	5 Year

\*For 82i,102i 3 480V 3 Phase models are optional and available as special order. Specify voltage at time of order. \$200.00 charge applies.

### Hand-Cut Capacities



### Automated-Cut Capacities



When selecting a plasma cutter for an application, do not select based upon maximum daily or clean cut capabilities. Maximum severance cut figures are derived using good conditions with new consumables at 3-5 inches per minute. Use the Maximum Daily Cut Recommendation for selecting units for hand use. Automated maximum cut figures take into account cutting at maximum duty cycles and best quality cut achieved at cutting speed thresholds for production. This is not an absolute maximum cut. Cuts at maximum piercing limits will accelerate wear on the consumables. Cuts above the maximum pierce limits will require edge starting. *For Aluminum, reduce cut capacities by 35%.*

## PowerPlasma Series Features



1. **Super Bright Display.** Oversized, large display allows settings to be read at greater distances and brighter light than before.
2. **PSI Display.** Accurately set air pressure with digital air pressure display.
3. **Air Pressure Setting Guide.** This guides the user to setting the proper pressure regardless of mode.
4. **Post-Flow Control and Display.** Allows the user to adjust the post gas flow time suit the specific application to prolong consumable life.
5. **Air Check.** When setting air pressure the air check can be used to allow gas to flow continuously without having to trigger the arc.
6. **Auto-Pilot Arc Relight.** Tip Saver and Gouge Function. When cutting expanded metal, or otherwise less than perfect metal, the pilot arc can be selected for continuous relight. Or for maximum consumable life, the pilot arc will light for up to 3 seconds before terminating, necessitating torch retriggering for re-light. Gouge is designed to allow old welds or excess metal to be rapidly removed. Used with special gouging consumables, this allows your Plasma cutter to do more than "cut".
7. **Status and Warning Indicators.** Among warnings for over current and duty cycle (over-temperature), the unit also has a "Consumables/Torch installed" indicator which indicates when consumables or the torch isn't fully mated to the corresponding part.
8. **Trigger Lock/CNC Function.** This allows your to operate the torch by pressing down on the trigger and releasing to start and cut. This locks the arc "on" to reduce fatigue on long cuts. The trigger is



For more technical information and manual downloads go to [www.everlastwelders.com](http://www.everlastwelders.com).

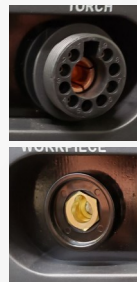
## New Design, Improved Features

We've built all the PowerPlasma Series units (except PowerPlasma 25i XTR) with the same performance related features, but with different Amp output levels to make selection easier. These features have been carefully selected and tested for maximum usefulness and performance for years of worry-free use.

*PowerPlasma Models 52i, 62i, 82i, and 102i features the following:*

- Pilot Arc with Auto/Continuous Relight and Tip Saver Function
- Blow-Back type (Non-High Frequency) Start Torch
- Super-Bright, High Visibility Displays
- CNC/Automated Cut Interface Port (Color-Coded Built-in Air Pressure Setting Guide)
- Trigger Lock Function or Press and Hold Function
- Adjustable Automatic Post Flow Timer
- Adaptive Color Coded Air-Pressure Guide
- 60% Duty-Cycle at maximum Output
- Digitally Controlled IGBT Inverter
- Low-Air Pressure Interrupt
- Five Year Parts and Labor Warranty on Cutter (USA)

## Secure, Easy-To-Use Connections

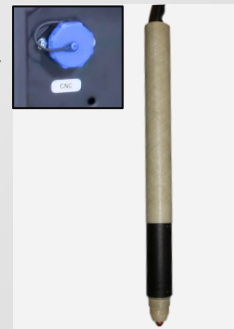


The Central Connector and Dinse Work Clamp Connectors allows secure and rapid connection of the torch, allowing maximum transmission of power. This allows you to quickly prepare the unit for moving or storage. It reduces strain on connectors and making torch and cable replacements a cinch. We're one of the first companies to feature such a connection and continues to be a popular feature of our new product line.

## Ready For Commercial Automated Use

The PowerPlasma series feature a CNC port pre-installed on the rear of all units. This connection supplies everything most automated systems require for setup and use. Voltage signals for THC include 50:1, 16:1, and Filtered Raw Arc Voltage.

For use with CNC and automated track cutting, consider purchasing our CNC package that includes the machine torch and socket connector. This is packaged to save you money. Of course, if you wish to be able to switch between manual cutting and automated cutting, purchase the plasma cutter now and you can always add the CNC torch as an additional option, or purchase it later. Choose between 12.5 and 25 ft. Innotec Torches.



## Industry-Leading 5 Year Warranty (USA)

If there is any doubt about the durability or lasting performance of this machine, the PowerPlasma series units feature a full 5 Year warranty covering the Parts and Labor. This is the best in the industry. No "add-on" warranties to purchase.



# PLASMA

## Think Big with a Small Plasma Cutter

The small, but capable 120V PowerPlasma 25i XTR may be the only plasma cutter you will ever need. Its ability to cut up to 3/8" plate puts this solidly into the light fabrication category and makes it capable to fit into a broad range of applications for those needing simple, easy to set-up plasma cutting capability. The new PowerPlasma 25iXTR features auto gas flow shut off, regulator with pressure gauge, and low-air safety cut out. So the unit can be used on about any 120V outlet, an Amp guide is printed on the front panel so that you won't trip your breaker

### The All New Power Plasma 25i XTR Features:

- Pilot Arc with Auto Relight
- Blow Back Start Innotect iPT 25 torch
- Rear Mounted Air-Pressure Gauge/Regulator
- 120V Input
- Single knob control
- Detachable torch and work clamp
- Over Current, Low Air Pressure and Duty Cycle Warning
- 5 Year Warranty (USA)

## PowerPlasma 25i XTR



1. Simple, one knob design.
2. Air Pressure Gauge in rear. Displays Adjusted Air Pressure.
3. Quick reference cut guide on panel.
4. Status and Warning Indicators. Displays ON, Duty Cycle/Over Temperature and Over Current.

## PowerPlasma 25i XTR

### A New small, lightweight Plasma that stands tall.

The PowerPlasma 25i XTR is the smallest of all the PowerPlasma products. But don't consider it less capable than its big brothers when it comes to producing quality, narrow kerf cuts. This unit is designed to cut, and provide top quality cuts that can rival any competitors models of similar size and amperage. With an OCV of 400V, this unit is ready for serious business in any small shop or home garage. If your business tends to lean to the portable side of welding, what better choice could there be? Small, and portable, this plasma cutter can be used almost anywhere. *Notice: Not for automated use.*

## What's Included



- 12.5 Ft. Innotec iPT 25 Torch
- Adjustable Regulator and Mounting Hardware
- 25 Amp Starter Consumable Kit (Pipe Tip)
- Torch Stand-Off
- Work Clamp, 5 ft. Cable and 25 Series DINSE-Type Adapter
- 6.5 Ft Power Cable and NEMA 5-15P Plug

## PowerPlasma 25i XTR

Input Voltage	120V Single Phase
Inrush Current	30A
Rated Current	18A
OCV	400V
Operating Range (A)	10-25A
Start Type	Blow-Back Type
Maximum Output @ Duty Cycle	25A/90V @ 35% Duty Cycle
Minimum Air-Compressor Size	3.5 CFM @ 90PSI/ 20 Gallon Tank
Minimum Generator Requirement	4000W Clean Power Output ≤5% THD Rating
Torch Type	Innotec iPT 25 12.5 Ft.
Size/Dimensions	9"H X 5.5W X 13.75"L
Weight	14 lbs
Recommended Used	Home Owner/Small Garage/Occasional User



<https://www.everlastgenerators.com/product/plasma/powerplasma-25i-xtr>

## What's Included



- 12.5 Ft. Innotec IPT 60 Torch
- Adjustable Regulator and Mounting Hardware
- 50 Amp Starter Consumable Kit (Pipe Tip)
- Torch Stand-Off
- 240V to 120V Adapter
- 200A Work Clamp, 10 Foot Cable and 25 Series DINSE-Type Adapter
- 6.5 Ft Power Cable and NEMA 6-50 240V Plug



<https://www.everlastgenerators.com/product/plasma/powerplasma-52i>

## PowerPlasma 52i

### Perfectly Portable, Perfectly Powerful

Far more than your basic cutter, the PowerPlasma 52i gives you everything you need to accurately cut material 1/2" thick with relative ease on a daily basis. When asked to in those rare but extreme cases, you'll get nearly 1" severance out of the unit. The under \$1000.00 price tag gets you the maximizes the inches of thickness cut per dollar spent. The unit features a gouge mode for light gouging activities (with opt. gouging consumables) as well as a CNC mode for automated cutting of light gauge metals making this unit a truly versatile tool to have in the welding arsenal.

As the smallest member of the PowerPlasma lineup, the PowerPlasma 52i makes a perfect companion for portable welding activities, and can be run with a 8500 Watt generator rated as "clean power" (≤5% Total Harmonic Distortion). When the quickly detachable cables are removed, the PowerPlasma 52i is small enough to fit into truck service body compartments.

### PowerPlasma 52i

Input Voltage	120/240V Single Phase
Inrush Current	120V: 32.1 / 240V: 35.8A
Rated Current	120V: 32.1A / 27.9A
OCV	200V
Operating Range (A)	120V: 20-25A / 240V: 20-50A
Start Type	Blow-Back, Non-HF
Maximum Output @ Duty Cycle	120V: 25A/90V @ 60% / 240V: 50A/100V @ 60%
Minimum Air-Compressor Size	5.0 CFM @ 90PSI/ 30 Gallon Tank
Minimum Generator Requirement	8500W Clean Power Output ≤5% THD Rating
Torch Type	Innotec IPT 60 12.5 Ft.
Size/Dimensions	12.5"H X 7.5"W X 14"L
Weight	35 lbs
Recommended Uses	Light Fabrication/Art/ Limited Automated Use/ Portable Welding

### Optional Torches



24 ft. Innotec IPT60 Torch  
Part# INTM-PT60-60A-24BBP-CENTRAL



24 ft. Innotec IPT60M Machine Torch  
Part# INTM-PT60M-60M-25BBP-MACHINE



# PLASMA

## PowerPlasma 62i

### Commercial Class Performance

When you decide to step up to more capability, without having to step up the price tag, the PowerPlasma 62i stands ready in the gap. The PowerPlasma 62i is a mid-range plasma cutter that offers great cutting performance up to 3/4" without too much of a hassle. When called upon, you'll get clean cuts up to 1". If you decide to purchase the CNC package, the unit is a good option for cutting up to 3/8" plate without too much slow down.

The larger frame and output of the PowerPlasma 62i puts this unit cleanly into a commercial class territory. You can depend upon it to deliver 60% duty cycle at the maximum of 60 Amps. If you need a higher duty cycle, you won't have to drop the amperage but to 50 Amps to achieve a 100% duty cycle cut (out of 10 minutes).

The PowerPlasma 62i is still small and light enough to be portable and can operate off of clean powered generators ( $\leq 5\%$  THD) rated for 10,000 Watts.

### PowerPlasma 62i

Input Voltage	240V Single Phase
Inrush Current	41A
Rated Current	32.4A
OCV	240V
Operating Range (A)	20-60A
Start Type	Blow-Back, Non-HF
Maximum Output @ Duty Cycle	60A/104V @ 60%
Minimum Air-Compressor Size	6.0 CFM @ 90PSI/ 30 Gallon Tank
Minimum Generator Requirement	10,000W Clean Power Output $\leq 5\%$ THD Rating
Torch Type	Innotec iPT 60 12.5 Ft.
Size/Dimensions	18"H X 10"W X 25"L
Weight	50 lbs
Recommended Uses	General Fabrication/Art/Light Production/Automated Use/Portable Welding /Farm and Ranch

### Optional Torches



24 ft. Innotec iPT60 Torch  
Part# INTM-PT60-60A-24BBP-CENTRAL



24 ft. Innotec iPT60M Machine Torch  
Part# INTM-PT60M-60M-25BBP-MACHINE

### What's Included



- 12.5 Ft. Innotec iPT 60 Torch
- Adjustable Regulator and Mounting Hardware
- 60 Amp Starter Consumable Kit (Pipe Tip)
- Torch Stand-Off
- 200A Work Clamp, 10 Foot Cable and 25 Series DINSE-Type Adapter
- 6.5 Ft Power Cable and NEMA 6-50 240V Plug



<https://www.everlastgenerators.com/product/plasma/powerplasma-62i>

## What's Included



- 12.5 Ft. Innotec iPT 80 Torch
- Adjustable Regulator and Mounting Hardware
- 70-80 Amp Starter Consumable Kit (Pipe Tip)
- 200A Work Clamp, 10 Foot Cable and 25 Series DINSE-Type Adapter
- 6.5 Ft Power Cable and NEMA 6-50 240V Plug



<https://www.everlastgenerators.com/product/plasma/powerplasma-82i>

## PowerPlasma 82i

### Unbelievable Power, Unbeatable Price

For around the price of your average 30 Amp Plasma cutter, the PowerPlasma 82i delivers absolutely astounding cutting power. The fully digital design of the PowerPlasma 82i delivers clean cuts at maximum power. The Innotec iPT 80 torch now has several types of consumables available including shielded consumables, and narrower kerf, low amp consumables. These can be purchased from a number of online OEM suppliers of the Innotec Plasma Torch.

The cutting power of this unit is enough to easily carve up 1" plate with little effort. If you need it, look for around 1 1/4" clean cut capacity by hand. If you need to hack something through, the unit can sever up to 1 7/16".

If you are looking for a Plasma cutter for your table with intentions of cutting up to 5/8" plate with pierce through cutting, the PowerPlasma 82i CNC package is the machine you need out of the PowerPlasma line. This unit features 100% duty cycle at 63 Amps and 60% duty cycle at 80 Amps for long cutting cycles.

### PowerPlasma 82i

Input Voltage	240V Single Phase (3 Phase Opt./Special Order)
Inrush Current	58.4A
Rated Current	45.2A
OCV	240V
Operating Range (A)	20-80A
Start Type	Blow-Back, Non-HF
Maximum Output @ Duty Cycle	60A/112V @ 60%
Minimum Air-Compressor Size	7.0 CFM @ 90PSI/ 60 Gallon Tank
Minimum Generator Requirement	13,000W Clean Power Output ≤5% THD Rating
Torch Type	Innotec iPT 80 12.5 Ft.
Size/Dimensions	17"H X 9"W X 22"L
Weight	51 lbs
Recommended Uses	Industrial Fabrication/Automated Use/Farm and Ranch/ Production Cutting/CNC/Pipe Beveling

### Optional Torches



24 ft. Innotec iPT60 Torch  
Part# INTM-PT80-80A-14BBP-CENTRAL



24 ft. Innotec iPT80M Machine Torch  
Part# INTM-PT80M-80A-14BBP-MACHINE



# PLASMA

## PowerPlasma 102i

### Ready for Beast Mode?

Although technically the PowerPlasma 102i doesn't have a "Beast Mode", you might think that it does as it blows through metal well in excess of 1 1/4" with relative ease. It can be coaxed into cutting steel in excess of 1 1/2" in thickness with possibly more to spare. While we don't like to overstate our claims, the PowerPlasma 102i actually does have the capability to satisfy almost any manual plasma cutting need found in most shops and production facilities. Of course, there's always an exception, but as far as cutting power goes, few professional customers are ever going to need more cutting power than this unit. Think of this: This is still cheaper than many 45 and 60 amp plasma cutters on the market. Even if you don't ever need all the cut power this unit has to spare, you can still save money when you buy this plasma cutter when you compare to the competition entry level offerings.

With a 100% duty cycle at 80A and a 60% duty cycle at 100Amps, this unit is ready to put on any CNC table with the optional CNC package. Of course, if you need both the hand and automated cutting capability, buy the base unit and then

### PowerPlasma 102i\*

Input Voltage	240V 1 and 3 Phase
Inrush Current	78A 1 Phase; 45A 3 Phase
Rated Current	61A 1 Phase; 36A 3 Phase
OCV	250V
Operating Range (A)	20-100A
Start Type	Blow-Back Non-HF
Maximum Output @ Duty Cycle	100A @ 60%
Minimum Air-Compressor Size	8.0 CFM @ 90PSI/ 30 Gallon Tank
Minimum Generator Requirement	21, 000W Clean Power Output ≤5% THD Rating
Torch Type	Innotec iPT 100 12.5 Ft.
Size/Dimensions	17"H X 9"W X 22"L
Weight	58 lbs
Recommended Uses	Light Fabrication/Art/ Limited Automated Use/ Portable Welding

### Optional Torches



24 ft. Innotec iPT100 Torch Part# INTM-PT100-100A-24BBP-CENTRAL  
24 ft. Innotec iPT100M Machine Torch Part# INTM-PT100M-100M-24BBP-MACHINE

### What's Included



- 12.5 Ft. Innotec iPT 100 Torch
- Adjustable Regulator and Mounting Hardware
- 90-100 Amp Starter Consumable Kit
- 200A Work Clamp, 10 Foot Cable and 25 Series DINSE-Type Adapter
- 6.5 Ft Power Cable
- NEMA 6-50 Plug included only on 240V 1 phase special order models. Call to order 240V 1 phase.

\*240V 1 phase only and 480V 3 phase only available by special order.



<https://www.everlastgenerators.com/product/plasma/powerplasma-102i-13-phase-240v>