

# ForceCut® 62i



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60 AMP IGBT PLASMA CUTTER CNC READY

ForceCut®62i-Product Number: 880459

Input Voltage: 220V 50/60Hz 1 PHASE Weight: 53 lb

Dimensions: 9"W x 21"L x 17"H Input Current: 55A Input Power: 7.5KW

Cutting Current: 20-60A RATED CUT: 1 1/4" (30mm) Maximum Cut: 1 3/8" (35mm)

No-Load Voltage: 315V Duty Cycle: 95% @ 60A Protection Class: IP23S Insulation Class: F

Warranty: 3 Years Parts and Labor

## Introduction

LONGEVITY wanted to create a unit for the on-the-go user, something that was portable yet performed up to the expectations of the customer all while maintaining LONGEVITY's priority on value. The ForceCut® 62i meets all the required criteria and more!

The ForceCut® 62i is capable of being hooked up to most portable compressors and generators. Powered by IGBT inverter technology, the ForceCut® 62i is lightweight and more reliable than other units on the market using out-of-date technology.

The ForceCut® 62i only weighs 53lbs. and runs off 220v 1 phase voltage making this unit the most portable plasma cutters on the market for its power. The ForceCut® 62i offers quality cutting of up to 1 1/4" (30mm) and rough cuts of up to 1 3/8"(35mm).

## A. Variable Amp Adjustment

LONGEVITY offers variable amps adjustments and not presets on the ForceCut® 62i. This allows users to pinpoint the correct setting while cutting.

### SUITABLE FOR:

Factory Maintenance  
Fabrication  
Farm  
Auto Body Repair  
Portable Repair  
CNC Tables

### RATED CUTTING CAPACITY\*

1 3/8" (30 mm) **MAXIMUM**

28 gauge (0.321mm) **MINIMUM**

\*Image not to scale.

The Power to Last!

3 YEAR WARRANTY



95% DUTY CYCLE!!!!

## B. Efficient IGBT Inverter Technology

With inverter IGBT technology, LONGEVITY has once again revolutionized the industry by producing a portable, yet powerful machine that can be operated with a generator, perfect for the ON-THE-GO welding. Inverter technology emphasizes portability, yet the efficiency and reliability of the Soft Switching IGBT components allows for the ultimate welding experience.

**LONGEVITY**  
The power to last!



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www.longevity-inc.com

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## C. Pilot Arc

On out-of-date plasma cutters, when the arc is interrupted the trigger must be disengaged to restart the arc. With the ForceCut® 62i plasma cutter, the Pilot Arc system automatically senses loss of voltage, and re-ignites the Pilot Arc allowing for the torch head to maintain an arc when cutting. This is effective allowing you to not worry about the cutting height, cut speed, and it allows you to cut expanded metal. Pilot Arc technology allows for you to always have power to the arc which increases your cutting speed and assists with uneven cutting surfaces.



## D. Built In Air Filter And Regulator

Built in gas/air filter and regulator provides air filtration of airborne particles to keep the ForceCut 62i cutting clean and efficiently.

### INCLUDED:



PT-60 Torch



Ground Clamp



Ground/Earth Cable



Consumables

### QUICK CONNECT

The Euro style quick-connect offers efficient and safe interchangeability with aftermarket torches like Trafimet®.



## E. Blowback Arc Start/CNC Ready

The ForceCut® 62i starts the arc by creating an internal spark to ignite the plasma arc. By using air pressure to move the electrode against the nozzle, the ForceCut® 62i creates the arc without any need for high frequency. This allows for easier CNC table integration without the worry of interference.

### OPTIONAL CNC PTM-60 PLASMA TORCH!!!



### OPTIONAL EQUIPMENT:

#### Auto-Dark Helmet

- . PowerView Elite



#### Welding Cart CNC Torch PTM-60



#### Consumables

- . Contact Tips
- . Electrodes
- . Caps
- . Roller Guides
- . Torch Spacers



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