

# FLEXCUT™ 125

## Air Plasma Power Source with 125 A

Keeping costs under control is important to any efficient plasma cutting operation. The FlexCut™ 125 ensures up to six times longer consumable life and maintains faster cut speeds – both of which deliver higher productivity over less time. The completed cut is virtually dross-free, which means less secondary processing.

The FlexCut™ 125 is designed to deliver on all fronts as the only machine in its class that allows you to plasma mark. Whether you are piercing up to 30 mm\* mild steel material in a mechanized cutting application, or cutting expanded metal, you can count on less edge bevel and superior edge quality compared to competing cutting systems.

The sooner your plasma cutting operation can get started, the more productive it will be. The FlexCut™ 125 plasma cutter requires very little time or effort to get down to the business of cutting. Controls are simple, which makes setup easy, and you can get a consistent and reliable arc without needing to rely on high-frequency start systems. The simple user interface provides a means to configure output pressure based on torch length.

\* with "retract" cycle



### Applications

Steel fabrication, pipe cutting, structural steel fabrication, automotive/transportation, shipbuilding, Steel Service Centers

### Cutting

Mechanized



## Features

### Reduced operational costs

- Up to six times longer consumable life
- Maintains faster cut speeds
- Virtually dross-free cuts reduces need for finishing

### Best cut performance

- Piercing 25mm with a standard cycle and up to 30mm with the "retract" cycle. Edge start of the sheet: 45mm
- Better edge quality
- Cut, mark and grid-cut capabilities

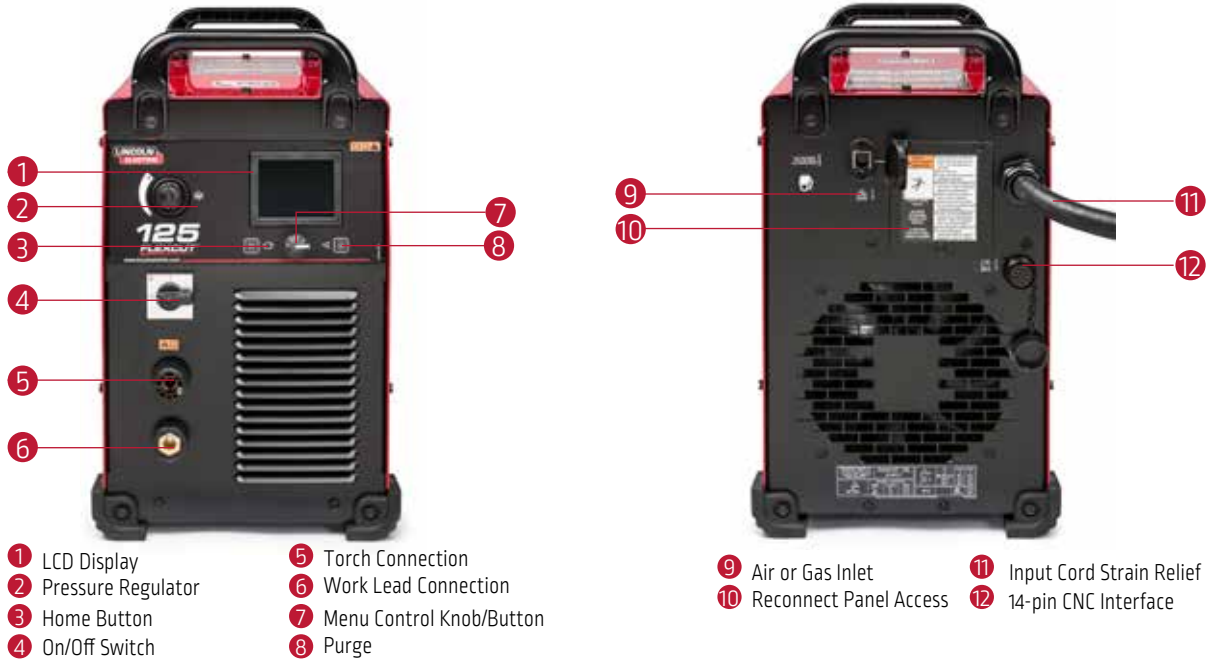
### Easy to set, easy to use

- Simple controls make set up easy
- Easy to read full color graphic display
- Reliable arc starting without high frequency
- Easy monitoring of machine status

## SPECIFICATIONS

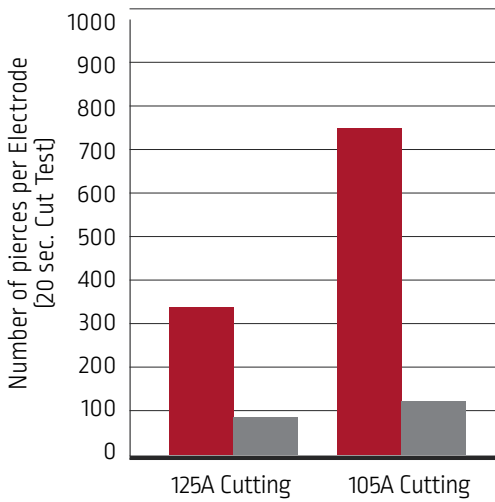
Product	Product Number	Input Power Voltage/ (50-60Hz)	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output (A)	Output Range (A)	Air Pressure Required	Air Flow Rate	H x W x D (mm)	Weight (kg)
FlexCut™ 125	K4811-1	380/400/415/ 460/575/3Ph	125A/175V/100%	3PH/100%	3PH 20-125	6.21 -8.27 Bar	260 SLPM @6.21 Bar	526 X 311 X 648	53.5

# FRONT & BACK CONTROLS

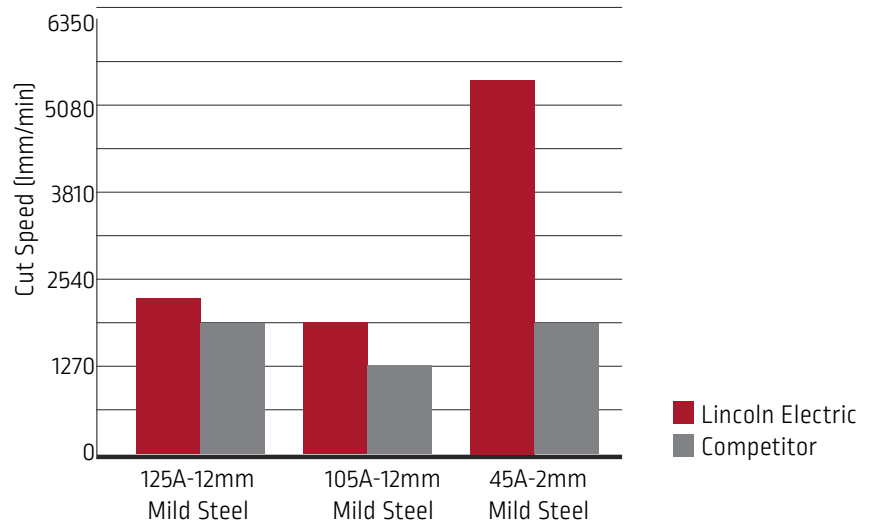


- 1 LCD Display
- 2 Pressure Regulator
- 3 Home Button
- 4 On/Off Switch
- 5 Torch Connection
- 6 Work Lead Connection
- 7 Menu Control Knob/Button
- 8 Purge
- 9 Air or Gas Inlet
- 10 Reconnect Panel Access
- 11 Input Cord Strain Relief
- 12 14-pin CNC Interface

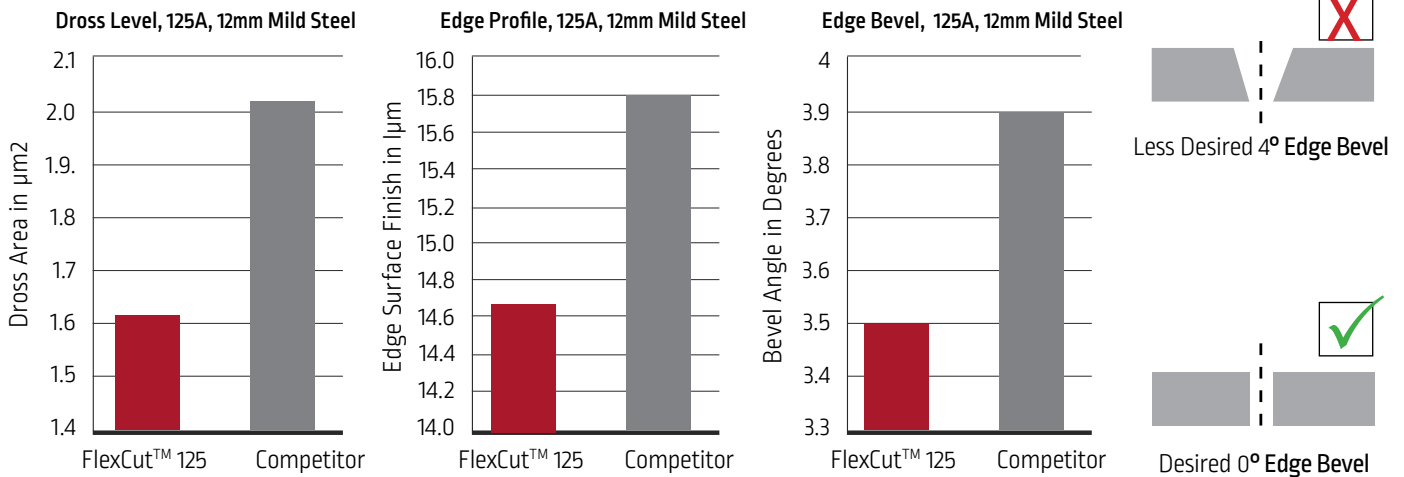
## ELECTRODE LIFE COMPARISON\*



## CUT SPEED COMPARISON\*



## CUT QUALITY COMPARISONS\*



Claims based upon tests conducted by Lincoln Electric in 2016 using a LC125M torch

**Longer Consumable Life • Faster Cut Speeds • Less Edge Bevel • Better Cut Quality and Performance**



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