

FLEXCUT® 125

Air Plasma Cutting System



K4811-1 FlexCut 125 Base Model (w/o Torch)
BK4300-4 LC125M Machine Plasma Torch
(Torch Sold Separately)

Best Cut Performance

- Powerful 125 Amp, 100% Duty Cycle
- Mechanized piercing of 1 in. (25mm)
- 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
- Easily monitor machine status

Low Operating Costs

- Up to six times longer consumable life
- Maintains faster cut speeds
- Virtually dross-free cuts reduce part clean-up

Processes

Plasma Cutting, Gouging and Marking

Cutting Type

Mechanized Cutting

Output



Input



Applications

- Steel Fabrication
- Pipe Cutting
- Structural Steel Fabrication
- Automotive/Transportation
- Shipbuilding
- Steel Service Center

Accessories

- LC125M Machine Plasma Torch 25 ft (7.5 m) (K4300-4)
- LC125 Machine Plasma Torch 50 ft (15 m) (K4300-5)
- LC125 Machine Plasma Torch 75 ft (22.5 m) (K4300-6)
- CNC Interface Cable 25 ft (7.5 m) (K4400-25)
- CNC Interface Cable 50 ft (15 m) (K4400-50)
- LC125M Consumable Starter Kit (BK14300-SK)

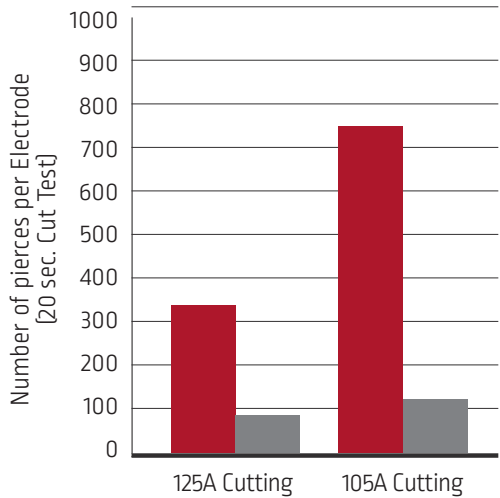
Product Highlights

- Marking using Air or Nitrogen
- TouchStart™ System for Reliable Arc Initiation
- Built-in voltage divider card
- Cut and mark with the same consumables
- Rapid Arc Restrike

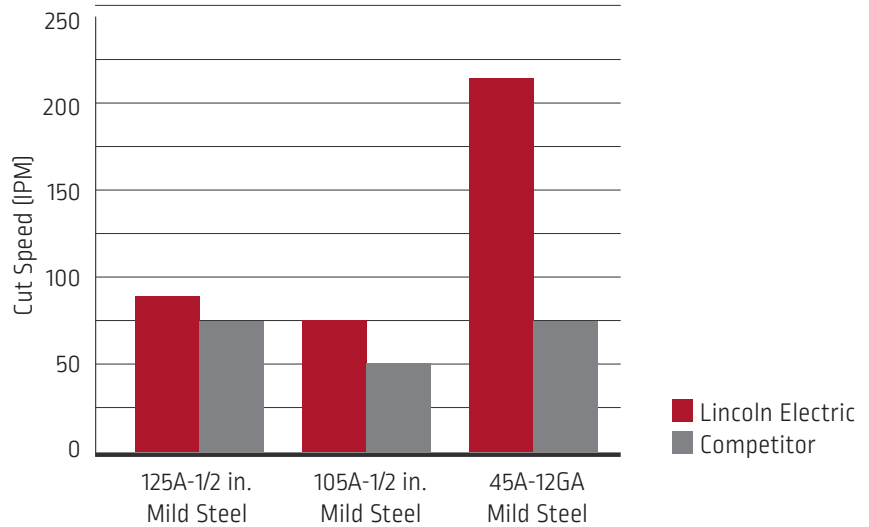
FLEXCUT® 125 - SPECIFICATIONS

Product Name	Product Number	Input Power Voltage/Phase /Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Air Pressure Required	Air Flow Rate	H x W x D in (mm)	Net Wt. lb (kg)
FlexCut 125 Base Model (w/o Torch)	K4811-1	380/400/415/460 /575/3/50/60	125A/175V/100%	3PH/100% 40/40//40/33/28	3PH 20-125A	90-120 PSI (6.21 -8.27 Bar)	550 SCFH @90 PSI (260 SLPM @6.21 Bar)	20.72 X 12.25 X 25.53 (526 X 311 X 648)	118 (53.5)

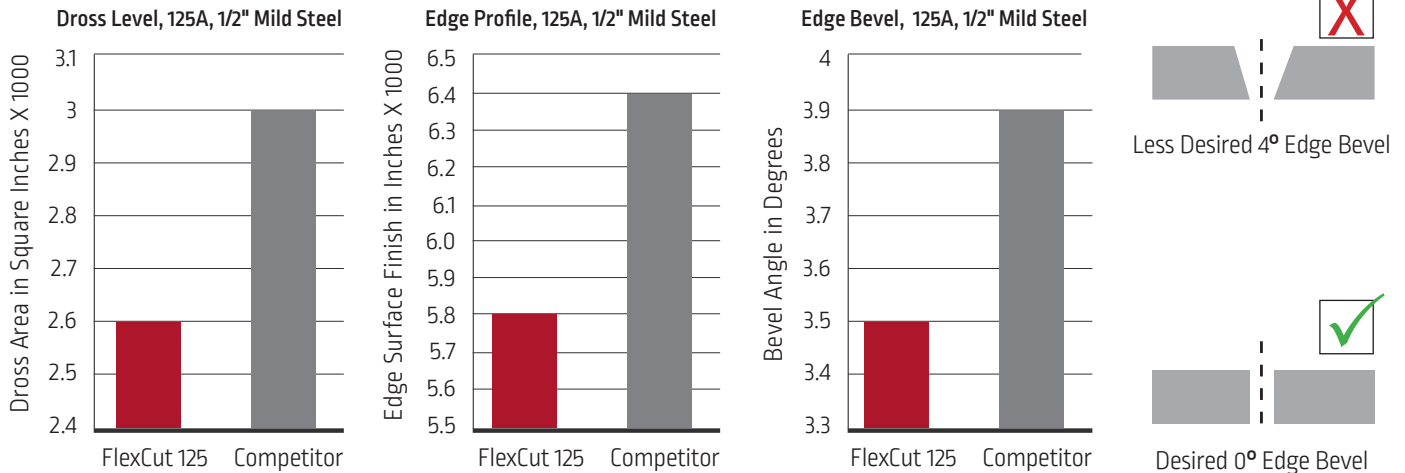
ELECTRODE LIFE COMPARISON*



CUT SPEED COMPARISON*



CUT QUALITY COMPARISONS*



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

*Claims based upon tests conducted by Lincoln Electric in 2016 using an LC125M Torch

CUSTOMER ASSISTANCE POLICY

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