

# TORCHMATE® 4000 SERIES

CNC Plasma Cutting Tables



## Consistently Cut High Quality Parts

- Fast cutting speeds
- Flexible power options
- Improved cut quality & exceptional repeatability

## Spend Less Money Cutting Parts

- Low consumable costs
- Less dross than competitors - reduces part clean-up
- less maintenance needed & longer machine life expectancy

## Ready to Run

- Shipped within 5 business days
- Machines come fully assembled with a consumable starter kit
- Get started cutting in about 30 minutes
- Consumables for a wide range of applications

## Peace of Mind Dependability

- 2 year machine warranty
- 3 year power supply warranty
- Industry leading technical support
- 125 years in business

## Easy to Use

- User friendly touch screen HMI
- Flexible training resources
- Simple setup process

Output



Input



## Applications

- Small metal fabrication shops
- Sheet metal contractors
- Hobbyists & artists
- Custom vehicle fabricators
- Prototyping
- Education
- Racing industry

## Key Accessories

- Pneumatic Plate Marking Tool (TMS-203-1000-21)
- 4000 TC Pipe & Tube Cutter (LECS-080-4XTC-00), (LECS-125-4XTC-00)
- Consumable Starter Kit (BK12849-SK)
- Two-Stage Air Filter Assembly (TMS-214-0000-00)
- PlateGuard™ (TMS-310-0001-00)
- EDU CAD Upgrade (TMS-106-0011-01)

## Product Highlights

- All machine components warranted through Lincoln Electric Cutting Systems
- Precision cut quality
- Multi-language capability
- Water table allows for easy part retrieval, cooling parts down, catching debris & fume extraction
- User friendly & intuitive VMD & TMCAD software
- Optional 1" pierce capacity
- Accommodates DXF files

## Product Part Numbers

- LECS-080-4400-01 Torchmate 4400 w/ FlexCut 80
- LECS-125-4400-01 Torchmate 4400 w/ FlexCut 125
- LECS-080-4505-00 Torchmate 4505 w/ FlexCut 80
- LECS-125-4505-00 Torchmate 4505 w/ FlexCut 125
- LECS-080-4800-01 Torchmate 4800 w/ FlexCut 80
- LECS-125-4800-01 Torchmate 4800 w/ FlexCut 125
- LECS-080-4510-01 Torchmate 4510 w/ Flexcut 80
- LECS-125-4510-01 Torchmate 4510 w/ Flexcut 125



## FlexCut® 80 & FlexCut® 125 - SPECIFICATIONS

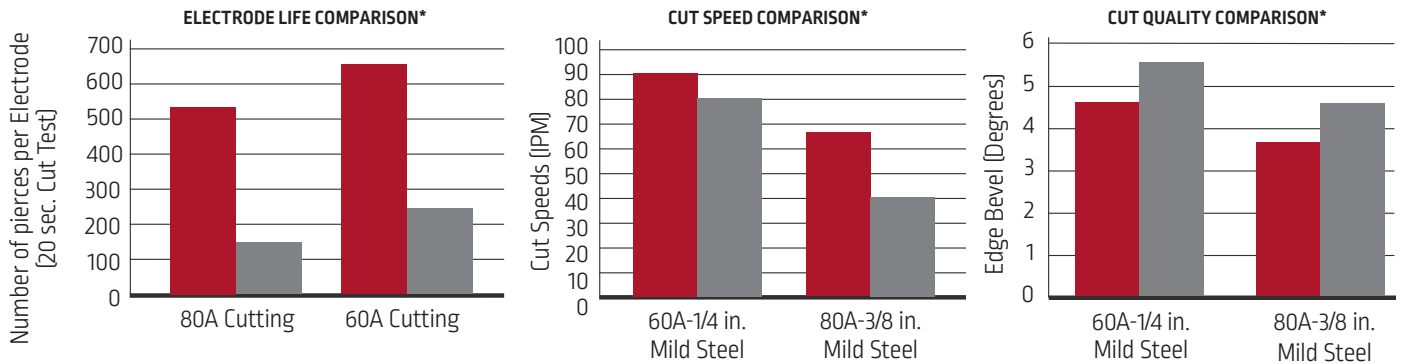
Product Name	Product Number	Input Power Voltage/Phase/ Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Gas Pressure Required	Gas Flow Rate	H x W x D in (mm)	Net Wt. lb (kg)
FlexCut 80 Base Model	K4809-1	200-208/230/380/460/575/3/50/60	60A/140V/100%  80A/140V/80%	3PH/100% 31/28/16/14/12  3PH/80% 41/37/21/18/14	3PH 25-80A	87 to 109 PSI (6.0-7.5 Bar)	380 SCFH @ 80 PSI  180 SLPM @ 5.5 Bar	17.9 x 11.8 x 25.4 (455 x 301 x 645)	96 (44)
		230/1/50/60	60A/140V/100% 80A/140V/80%	1PH/100% 48 1PH/80% 62	1PH 25-80A				
		200-208/1/50/60	60A/140V/100% 80A/140V/60%	1PH/100% 52 1PH/60% 71	25-80A				
FlexCut 125 Base Model	K4811-1	380-400-415/460/575V/3Ph/50/60Hz	125A/175V/100%	3PH/100% 40/40/ 40/33/28	3PH 20-125A	90 to 120 PSI (6.21-8.27 Bar)	550 SCFH @ 90 PSI  260 SLPM @ 6.21 Bar	20.7 x 12.3 x 25.5 (526 x 311 x 648)	118 (53.5)

### FLEXCUT 80

Lincoln Electric FlexCut 80

\*Claim based upon tests conducted by Lincoln Electric in 2015 using an LC105M Torch

■ Competitor

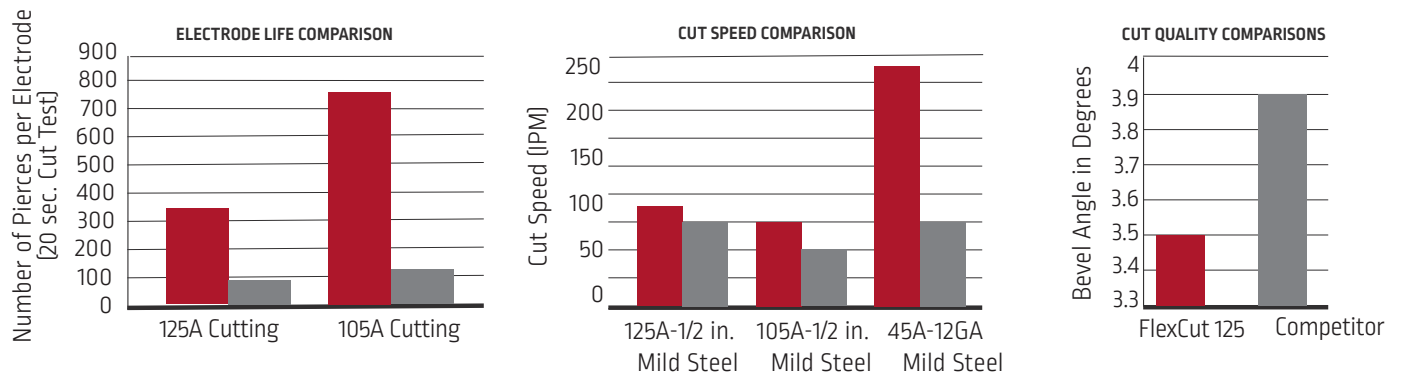


### FLEXCUT 125

Lincoln Electric FlexCut 125

\*Claim based upon tests conducted by Lincoln Electric in 2015 using an LC125M Torch

■ Competitor



#### CUSTOMER ASSISTANCE POLICY

The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to [www.lincolnelectric.com](http://www.lincolnelectric.com) for any updated information.

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