The Lincoln Electric Company

Founded in 1895 by John C. Lincoln, The Lincoln Electric Company is the world leader in the design, development and manufacture of arc welding products, robotic arc welding systems, plasma and oxyfuel cutting equipment and has a leading global position in the brazing and soldering alloys market. Headquartered in Cleveland, Ohio, Lincoln Electric has a global network of manufacturing, distribution, sales and technical support covering more than 160 countries.

INNOVATION
With a long history of innovation in arc welding and cutting equipment, Lincoln Electric has been providing state-of-the-art products and comprehensive process solutions to our customers for more than a century. In the past decade, we have combined the resources and expertise of several leading companies – Torchmate®, Vernon Tool®, Burny Kaliburn®, Burlington Automation® and others – to create a single cutting entity to address every possible customer need. What’s more, we’ve developed a worldwide network of R&D centers to oversee the most comprehensive research and product development program in the global welding and cutting industries.

CUSTOMER COMMITMENT AND SUPPORT
Lincoln Electric owes its position as an industry leader to an enduring combination of high quality products, technical expertise and unwavering customer support. Whether you’re welding, cutting, integrating an automated system into your existing operation or taking your existing automated system to a new level, we’ll help you find a way to do it better and more cost-efficiently. If there’s a way to improve your product and your bottom line, we’ll show you how it can be done.

We are driven by customer satisfaction and known as the supplier of choice in the many industries we serve. We continuously strive to exceed customer expectations and are not simply known as a provider of equipment and consumables, but as a provider of complete welding and cutting solutions.

Click HERE to read our customer success stories
CNC Plasma Cutting | The Gateway to Robotics
Equipping The Next Generation with Manufacturing Skills

Lincoln Electric® is proud to lead the robotic education revolution with a CNC plasma cutting table that has been designed with the classroom in mind. Our systems include everything your classroom will need to start cutting the day that your machine arrives. We compiled our ready-to-run Torchmate® 4000 Series cutting tables with a host of expanded features to maximize their efficiency in the classroom.

We set the bar for the education industry by offering our CAD EDU software program with unlimited student licenses. This alone gives educators the freedom to add as many students as needed without additional license costs. This CAD EDU license also allows teachers to approve all cut files before they are able to be cut on the CNC machine. As an added bonus, we also include our ProText module that adds over 1,300 fonts and over 4,000 clip art images directly into the software.

Lincoln Electric® offers a number of training opportunities exclusively for educators. Please ask your sales representative for details or visit torchmate.com today!

Educational Package Option Includes:
- Unlimited Student License
- ProText Module

Click [HERE](#) to view the LECS Grant-Writing Guide
The Cutting Industry
Cutting Solutions to Meet the Most Demanding Requirements – Yours.

Lincoln Electric is no stranger to the fabrication industry. It’s the arena in which we’ve maintained a leadership position for more than a century. In our company’s history, we’ve learned that welding is always synonymous with cutting. It’s a fact of life in virtually every related industry: aerospace, automotive, machinery, mining, farming, construction, structural steel, oil, gas and more. No matter the application, no matter the material, no matter the shape, we have the tools and solutions that will enable you to make the cut.

OUR MANY DIMENSIONS, YOUR SINGLE SOURCE
At every step in our evolution we’ve focused on building a portfolio of expertise that encompasses every cutting application within the fabrication and industrial manufacturing universe: plasma cutting and motion control, plate cutting, tube and pipe cutting, structural steel cutting and more. There are no miscellaneous brands or products; every segment of Lincoln Electric’s overall business is directly aimed at providing solutions to the challenges you face every day. After all, cutting is about much more than just material separation; it’s about material handling, robotics and automation, regulatory compliance, part quality and a host of other concerns. We’re the one source and the one partner you’ll ever need to address it all.

INSTRUCTION ENGINEERED BY LINCOLN ELECTRIC
The U/LINC curriculum has been designed to allow maximum flexibility for its instructors. Encompassing both classroom and lab instruction, each 50-90 minute lesson plan comes complete with objectives, a resource list, interest approach, content with suggested instructional strategies, and student evaluation. Laboratory exercises devised to enhance lesson concepts are embedded in the curriculum as well. Additionally, e-learning classes have been incorporated to augment traditional instruction and provide further content to facilitate student learning outside the classroom.
**Performance In Motion**

Advanced Technology | Simple Operation

**Ready To Run In 30 Minutes**
The TORCHMATE® 4000 Series CNC plasma cutting systems by Lincoln Electric® offer a unique teaching experience. Its design, components, and construction were all engineered to deliver exceptional repeatability and performance. Rapid delivery and setup time gets your machine up and running quickly with limited assembly required. Our best-in-class warranty, industry leading support, and low operation costs ensure you spend more time teaching.

The Torchmate 4000 Series include all necessary components to operate the system, including: an integrated touchscreen HMI, industrial grade user console with adjustable mounting arm, and a proprietary motion control system. Our standard 80 amp power supply delivers 65% faster cut speeds and cost savings of up to 45% in consumables. Our newest generation of systems produce cycle times that are 2.5 times faster than our previous system.

**APPLICATIONS**
» SMALL METAL FABRICATION SHOPS
» SHEET METAL CONTRACTORS
» HOBBYISTS & ARTISTS
» CUSTOM VEHICLE FABRICATORS
» PROTOTYPING
» EDUCATION
» RACING INDUSTRY

*Click [HERE](#) to request a quote*
4000 TC Pipe & Tube Cutter
Let Your Students Discover Real Automation

Featuring a rugged design and powered by the Torchmate® Visual Machine Designer software, the tube cutter improves pipe fabrication productivity and quality by consolidating set-up, programming, and cutting into one easy operation.

Ideal for educational environments, the 4000 TC is able to produce a series of weld coupons that are ready to weld with little to no prep, giving your students the advantages of producing a real part.

Click HERE to request a quote

4000 TC

- Simple and fast setup to 4x00 series tables
- Single HMI, Controller, Plasma Cutter, and Power Supply
- Cut and profile pipe diameters between 1.5” to 6.625” (38.1mm to 168.275mm)
- Maximum capacity of 6” (152.4mm) schedule 40 pipe
- 2” Through-chuck allows for pieces of pipe longer than 84”
- Standard 45° motorized bevel attachment
- WinMPM offers fast learning curve and easy start-up procedure
Lincoln Electric® Cutting Systems is committed to your success. We offer a wide range of training options to help you learn how to operate your machine. Visit [Torchmate.com/Seminars](http://Torchmate.com/Seminars) or give us a call at 775-673-2200 to sign up for a training course and accelerate your knowledge of machine operations today!

<table>
<thead>
<tr>
<th>Training Options</th>
<th>Torchmate 4000 Series</th>
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<tbody>
<tr>
<td><strong>Gold Package</strong></td>
<td>Includes:</td>
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<tr>
<td></td>
<td>• 1 Seat at Torchmate Regional Training Class *Travel and lodging not included</td>
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<tr>
<td></td>
<td>• Torchmate Academy (TMA) online training - one, 1 year subscription</td>
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<td>• Direct Purchase FlexCut consumables discount (15% for 2 year)</td>
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<td>• ($750 account credit if TMA is completed within 30 days of Invoice Date)</td>
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<td><strong>Silver Package</strong></td>
<td>Includes:</td>
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<tr>
<td></td>
<td>• Torchmate LIVE virtual training - two, 4 hour sessions</td>
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<td></td>
<td>• $1,000.00 consumable package</td>
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<td><strong>Bronze Package</strong></td>
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<td><strong>Torchmate® Academy</strong></td>
<td>Torchmate Academy (TMA) is our advanced online training system for the Torchmate CNC machines. TMA includes detailed video walkthroughs teaching you the entire cut process, machine maintenance and Torchmate CAD.</td>
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<td><strong>Torchmate® LIVE</strong></td>
<td>Torchmate LIVE is an overview of what you learned in Torchmate Academy with the opportunity to interact with a live instructor virtually. 4 hour group sessions cover Torchmate CAD or Torchmate machine operation.</td>
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<td><em>Visit Torchmate.com/Seminars and book a virtual class.</em></td>
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<tr>
<td><strong>Classroom</strong></td>
<td>Classroom is an in-person training session on Torchmate CAD and Torchmate machine operation at locations across the USA. This is a hands on group session project-based class. Bring your computer with Torchmate CAD, questions and be ready to cut on our machine with our material.</td>
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<tr>
<td><strong>3 Days</strong></td>
<td><em>Visit Torchmate.com/Seminars and book a Classroom training.</em></td>
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<td><strong>OnSite</strong></td>
<td>Torchmate Onsite is the the best opportunity to make sure you and your team are successful with your new Torchmate machine. We will send one of our factory trained technicians to your location. A standard session will review the machine for proper setup, maintenance schedules, machine operation and Torchmate CAD design assistance. Custom training sessions are available.</td>
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<tr>
<td><strong>2-3 Days</strong></td>
<td>Torchmate also provides scheduled private training sessions with one of our expert trainers. The private training sessions can be customized and tailored to your individual business needs. Sessions can be virtual or in person at our Reno facility.</td>
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<td><strong>Private Training</strong></td>
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Technical Support

Online: www.Torchmate.com/support
Support Ticket: www.Torchmate.com/technical-support
Phone: 775-673-2200

Lincoln Electric Cutting Systems
A Lincoln Electric Company
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