TORCHMATE® Classic 4x8 | 5x10

Precision Components — Durable Construction

The Torchmate® Classic is the answer to the increased demand coming from our customers with growing businesses. The table is engineered with components that stand up to long hours of continuous operation, and has self-cleaning linear guidance to reduce maintenance. Its extruded aluminum frame is both light and durable, and allows you to setup this versatile machine anywhere in your shop. The design, coupled with the power of our ACCUMOVE® controller, will provide you with a system that knows no equal in the marketplace.

Table Specifications

Stepper Motors	(3) 396 oz-in
Gear Box Reduction	(3) 10:1
Maximum Traverse Speed	1,060 ipm
Tool Capacity	2 *limited to plate marker and additional tool
Linear Guidance	V-Rail/V-Groove
Drive System	Dropped Gear Rack and Pinion
Gear Engagement	Spring Loaded
Gantry Carriages	Perpendicular
Auxiliary Inputs	10
Auxiliary Outputs	15
Machine Resolution	.00005"
Gantry Clearance	5"
Weight Capacity	½" Mild Steel Plate*
Input Power	120 VAC @ 7.5A Maximum
Frame Construction	Anodized Extruded Aluminum
Dimensions	5 × 10: 96" × 145" × 63" 4 × 8: 84" × 121" × 63"
Weight	5 × 10: 1,500 lbs 4 × 8: 1,200 lbs

ACCUMOVE® Features

Integrated Arc Voltage Height Control (AVHC)

- Ohmic Sensing
- Dynamic Cornering

Visual Machine Designer Software

- Tablet Compatible
- 28 Part Shape Library
- Multi-Tasking
- Array Creation
- Job Queue
- Plate Alignment

Industrial Z-Axis Lifter Station

- 6¾" of Travel
- Enclosed Twin V-Rail Linear Guides
- Integrated Lead Screw Drive
- 330 oz-in Stepper Motor

Production Grade CNC Controller

- Ethernet Connectivity
- On-the-Fly Motion Control
- Cut Quality Algorithms
- Advanced Look Ahead
- Deterministic Stepper Output

CUSTOMER ASSISTANCE POLICY

The business of 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 advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

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.

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LINCOLN ELECTRIC | Cutting Systems