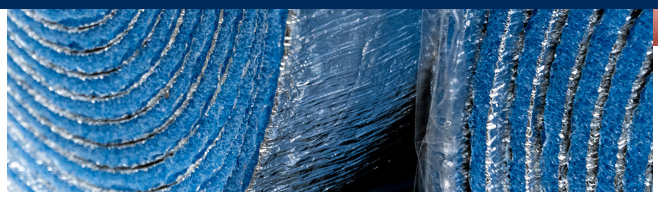
INSULATION

Cut by an Eastman.

EASTMANCUTS.COM

Eastman®

INSULATION



Your Eastman is more than a machine,

it is an essential member of your team.

Eastman Machine Company is a cutting machine manufacturer, providing custom engineered solutions and innovative technologies for a variety of industries. Eastman offers the industry's widest range of classic, hand-held and manually-operated cutting machines; as well as a comprehensive line of fully automated, computerized cutting and plotting systems.

Manufactured with the highest quality of materials, built to precise specifications, and subject to rigorous testing, Eastman's line of cutting systems have been setting the standard for over a century. Matched to specific customer needs, Eastman has a solution for virtually every cutting requirement.

Eastman is committed to manufacturing industrial solutions proven to be simpler to operate, less expensive to maintain, and built custom to customers' needs.

REDUCED LABOR | INCREASED QUALITY | IMPROVED MATERIAL UTILIZATION

Single to Low-Ply Cutting

Eastman's automated single-to-low ply systems, the C135 conveyor and S135 static table, are engineered to suit insulation materials, including but not limited to silicone coated fiberglass, silicate wool, duct wrap, graphite, foil, canvas, and silica at true operational speeds reaching 60 inches (152.4 cm) per second.

Basic Specifications | C135 Conveyor System & S135 Static Table

Widths	Lengths
54 in. (1.37m)	8 ft. (2.44m)
60 in. (1.52m)	12 ft. (3.66m)
72 in. (1.83m)	16 ft. (4.88m)
78 in. (1.98m)	20 ft. (6.10m)
84 in. (2.13m)	24 ft. (7.32m)
108 in. (2.74m)	
Additional widths available	Additional lengths available

Speed Data - Maximum Levels	
Cutting & X/Y	60 in./sec. (152.4cm/sec.)
Acceleration	1.3 g
Conveyor	11 in./sec. (28 cm/sec.)
Environmental	
Compressed Air Consumption	15 CFM
Sound Level	<76 dB(A)
Operating Temperature	55 – 100°F (12-37 C)
Humidity	20 – 80% (non-condensing)

TOOL HEADS

Eastman precision tools offer the utmost flexibility for hundreds of cutting applications and proven solutions for even the most difficult-to-cut materials. Eastman's tool heads have been engineered to offer maximum versatility and adaptability while adhering to stringent industry requirements for accuracy, speed and repeated quality.

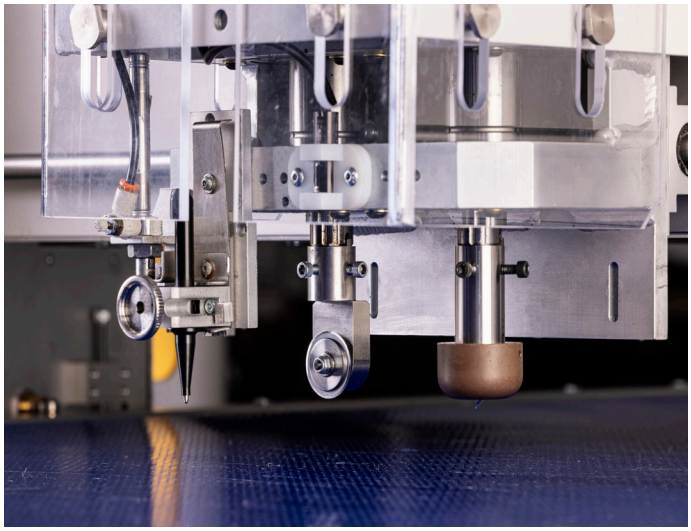
Standard Tool Head

The standard tool head is equipped with three individually aligned and calibrated tool spindles as well as a pneumatic pen holder assembly. The spindles can be equipped with any three tool combination to include round and drag blades, punches and/or notches.

- Three tool spindles - aligned and calibrated
- Pneumatic pen lift/ holder assembly

Heavy-Duty Tool Head

- Designed for rigid materials
- Two individually aligned and calibrated tool spindles, choice of up to two tools
- Provides more clearance for thicker materials
- Stiffer, thicker tool spindles offer less deflection when cutting rigid materials
- Pneumatic pen lift/ holder assembly
- 3 inch (7.62 cm) stroke



OUR EXPERTISE KNOWS NO BOUNDS.

Precision Tools & Blades

Compared to a reciprocating blade, the highlighted tools provide a cleaner quality of edge, minimizing material fragments. They're non-motorized, inexpensive, consumable blades with minimal maintenance. Blade exposure and pressure will vary based on material properties. *Over 60 types of blades, punches and other cutting tools available.*

Round Knife

Blade is designed to provide a continuous slicing action to minimize tearing and fraying. Round blades ensure smooth movement throughout the cutting process.
Increased cutting pressure can extend blade life.

Materials

- Fiberglass
- Mineral Wool
- Cellulose
- Polystyrene
- Polyurethane
- Woven technical textiles
- Chop mat
- Carbon

Blade Diameters

0.71 in. (18mm)
1.00 in. (28mm)
2.00 in. (45mm)
2.36 in. (60mm)
3.00 in. (75mm)

Options

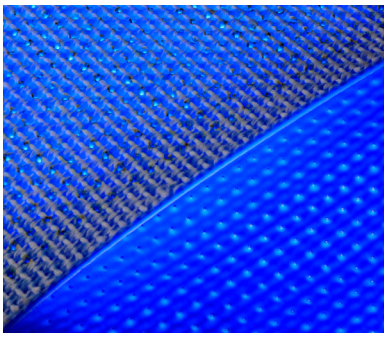
Depth Limiters
Carbide Steel Blade

Blade Material

Tool Steel

CUTTING SURFACE

The cutting surface configuration best suited to your cutting requirement and application will be recommended by an experienced Eastman representative. Most companies in this industry use the Blue Urethane cutting surface.



Blue Urethane (PU): Cast 85 Durometer, Laser perforated

- Easy to clean
- Self-healing
- Available in two thicknesses
- Cast 95 durometer available
- Most popular surface

It has proven reliable for up to 2,000+ hours of normal operation, with some customers testifying to more than four years of continuous use.

Marking & Labeling

Airbrush & Quick-Change Pen Holder

The Air Brush Marking System is designed to easily mark pieces during the cutting process to eliminate the time consuming step of marking parts before or after cutting. The marking of parts can be used for parts identification, sewing lines, mating parts, company logo's, instructions and more.

Marking inks are available in a wide variety of colors as well as permanent and washable inks.

This is your Eastman.

Finding the right cutting solution for your production floor doesn't have to be difficult. Eastman's cutting machines offer flexibility without sacrificing durability or reliability. Whether your application requires straight, curved, or custom cuts, we can customize your cutting solution.

A variety of optional accessory equipment offers maximum adaptability for any Eastman system, providing additional tools to streamline associated processes in your operations. Matched to specific customer needs, Eastman has a solution for nearly every cutting requirement.

SOFTWARE

The brain of the cutting system is Eastman's Windows based cutPRO software. Eastman's copyrighted, user-friendly, software allows real time viewing of the tool path during the entire cutting phase. The software is easy to configure and calibrate making for efficient operation and higher uptime. Additional design and nesting software is available.

MATERIAL HANDLING

Reduce labor and increase efficiency with various material handling solutions.

Power Cradle Systems

The Power Cradle System provides an efficient way of feeding a variety of material to the cutting system from a cradle, in a relaxed or tensionless state with precise edge control. This system is ideal for tightly wound materials and is available for 300 lbs. or 500 lbs. weight capacity.

Multi-Roll Carousel

The motorized carousel provides simple access to multiple material rolls for end-of-table spreading, using minimal floor space. Mechanical storage eliminates wasteful and potentially harmful steps for stocking and retrieving rolled materials.

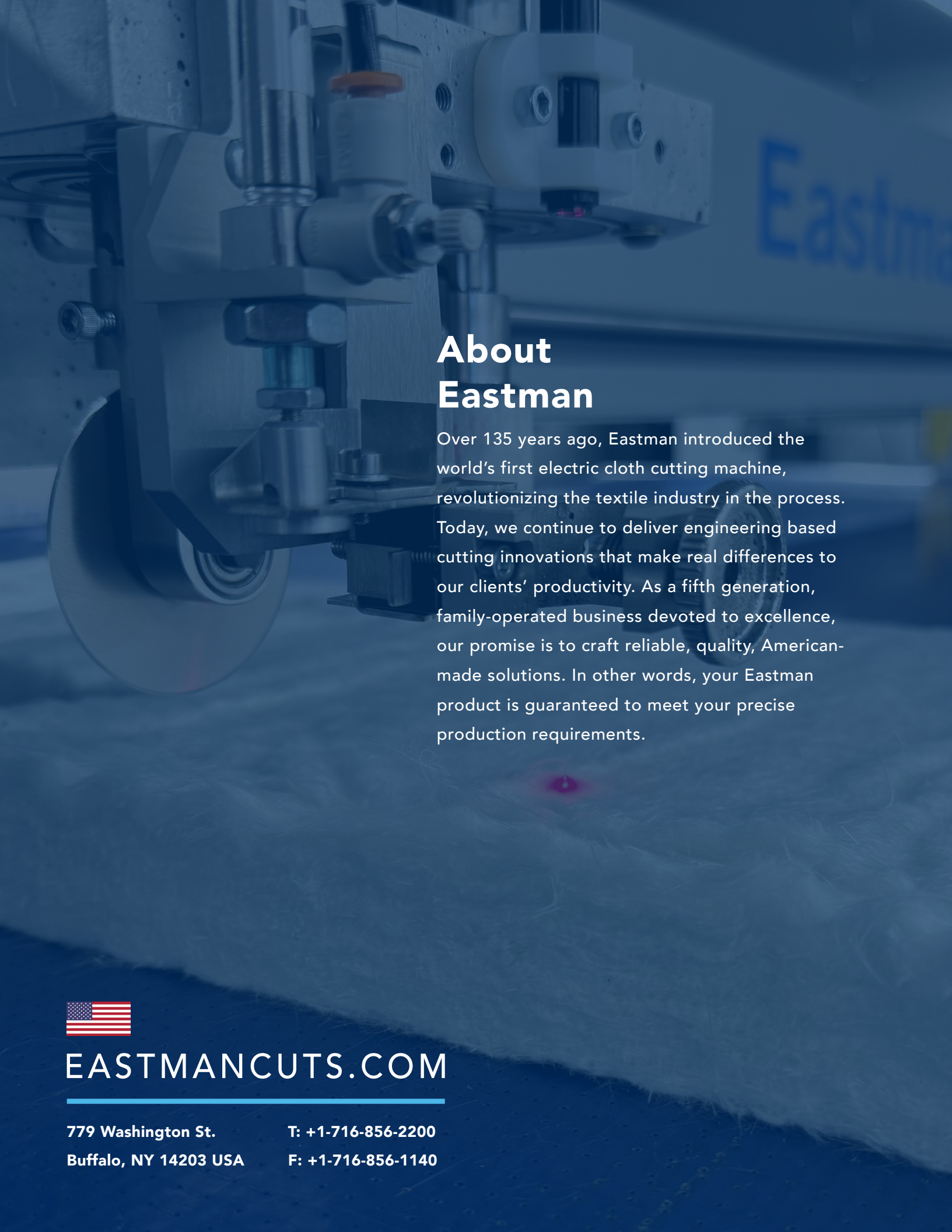
Pictured: Power Cradle

Pictured: Multi-Roll Carousel

INTERNATIONAL COMPLIANCE RATINGS

The operating computer and control cabinet, are housed in sealed, independent enclosures. They offer dust and water resistant protection in harsh or high particulate environments. Additionally, cabling connectors, servo motors and display components meet recognized international protection rating requirements for the composites industry.

ISO 9001 CERTIFIED | MADE IN USA



About Eastman

Over 135 years ago, Eastman introduced the world's first electric cloth cutting machine, revolutionizing the textile industry in the process. Today, we continue to deliver engineering based cutting innovations that make real differences to our clients' productivity. As a fifth generation, family-operated business devoted to excellence, our promise is to craft reliable, quality, American-made solutions. In other words, your Eastman product is guaranteed to meet your precise production requirements.

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