Eastman®

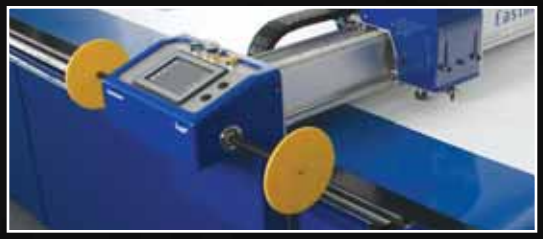
automated systems

Eastman®

durability support expertise

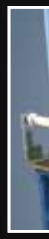
Eastman®

inspired *by* ENGINEERED excellence



Automated Cutting Tables

Software Solutions



automated systems

Redefining
cutting Technology

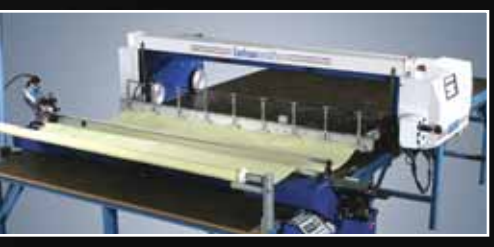
Excellence is our Tradition

Eastman is a worldwide industry leader, creating innovative cutting technologies for over a century. Our tools and systems are engineered to improve cutting room efficiencies; we have done this since the introduction of our first Blue Streak in 1888, to the introduction of our first computer controlled cutting system in 1995.

Innovation is our Business

Eastman continues its 120 year tradition of excellence by redefining cutting room technologies. Our newest line of automated systems, material handling equipment, and our industry-specific software solutions reduce labor costs, increase production volume and maximize material yield. We are a family operated business and we take excellence professionally and personally. Our dedication to excellence means the Eastman product performs and lasts just like our company — for five generations.

At Eastman, engineered excellence isn't *just* our goal ...*it's our inspiration*.....



Material Handling

Material Marking

Eastman®

Eagle

Conveyor Cutting System

durability support expertise

The Answer To Automated Cutting

The Eagle™ is Eastman's latest low-ply CNC conveyor cutting system. It is engineered to operate 24 hours / 7 days a week — without sacrificing speed or accuracy. The Eagle™ delivers heavy-duty continuous cutting performance which stands up to any cutting requirement. The user interface of Easicut™ is virtually intuitive. It is easy to control tool types, speeds, accelerations, restart a file, or recut pieces. Easicut™ aids efficiency by removing common lines, duplicate entities, and edge cuts. The Eagle™ automatically feeds and spreads material onto the conveyor and its internal blower system ensures material hold-down and cutting accuracy. The Eagle's™ gantry and tool head design utilizes a precision servo-controlled belt tracking system, with a rack and pinion drive, which can cut a wide variety of materials and thicknesses, with unprecedented speed and accuracy.

* Patent pending

Design and Performance

- Heavy-duty welded structure
- Powerful conveyor drive system
- Robust gantry and tool head design
- Self-contained blower and silencer requiring less space with quiet operation
- Exclusive high-durometer, monofilament urethane belt for longevity and unsurpassed cutting quality
- 24/7 run time with optimal performance
- Eliminates material spread time
- Patented* self-contained high-flow vacuum system with minimal maintenance
- Patented* perforated steel-top plenum, an extremely hard and flat cutting surface
- Pre-tensioned cutting belt
- Precision servo-controlled belt tracking system
- Choice of extended warranty plans

Efficiency

- Ability to handle infinitely long markers with efficient piece nesting resulting in improved material usage
- Reduced labor costs and increased productivity
- Exclusive pressurized Diagnostic Control Cabinet with universal power and system diagnostics
- Cutting variable/step thickness without blade depth change (optional)
- EasiCut™ software is an easy-to-use Windows® plotter motion-control software with calibration and diagnostic features
- Touch screen display conveniently located on the cutting gantry
- Small system footprint for saving floor space
- A single turn off point with a universal power system lockout/tagout

Specifications

Software: Windows operating system

Drive System: Rack and Pinion Drive

Cutting & Plotting Speed: 60 inches per second (152.4 cm/s)

Conveyor Belt Speed: 11 inches per second (28 cm/s), 16 inches per second (40 cm/s)

Acceleration: 1.3Gs

Electrical Requirements:
Diagnostic Control Cabinet: 200/230/400/460/575V; 3 Phase, 50/60Hz 5.4KVA; Vacuum Blower: 230V/460V standard (other voltages available); 3 Phase 50/60/Hz, 7.5 HP / 25 HP external blower also available.

Compressed Air Requirements: 75-100 psi. @ 15 scfm
Sound Level: <75 dbA

Standard Sizes:**
Active Cutting Widths: 72 in. (1.8 m), 78 in. (2.0 m), 96 in. (2.4 m), 108 in. (2.7 m), 126 in. (3.2 m) and 156 in. (4.0 m)
Custom widths also available.
Overall Table Lengths: 12 ft. (3.7 m), 16 ft. (4.9 m) and 20 ft. (6.1 m)
Custom lengths also available.

Software System Options

- EasiSelect™ - Order Entry Interface Software
- Design & Nesting Software Suite
- EPDS™ Pool & Spa Design Suite
- ETADS™ Tent & Awning Design Suite

p.13-14

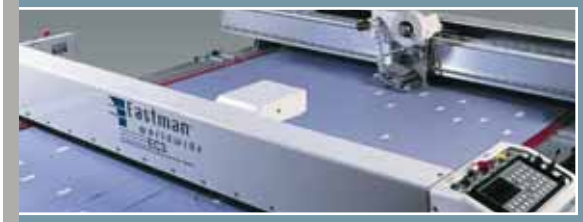
** Please contact the factory for exact measurements.

Hardware Options

EasiHold™

EasiHold™ dynamic vacuum compressor allows users to cut lofted material, such as fiberfill and foam, with unparalleled speed and ease. Available for the Eagle-FC (Fibercutter) .....[p.8]

Marking Options



EasiLabel™

The EasiLabel™ system adapts to Eastman's Eagle Conveyor Cutting system for simple pattern identification without cutting interruption .....[p.8]

EasiMark™ is Eastman's innovative airbrush marking system, especially useful for fiberglass and other materials where pen and traditional inkjet printing will not work. .....[p.8]

Tool Head Options

All Eastman automated cutting systems feature individually aligned and calibrated tool spindles which may be fitted with any combination of different sized rotary blades, different angles of straight knife blades, various shaped notches and various sized punches. .....[p.7]

Material Handling

A wide variety of material handling options are available to meet customer requirements .....[p.9-12]

Eastman®

M9000™

Static Cutting Table

durability support expertise

Superior Cutting Performance, And Increased Throughput

Eastman's M9000™ Static Cutting Table provides superior cutting performance and increased throughput. Capable of marking, cutting, drilling and punching virtually any flexible material at speeds of up to 60 inches per second (152.4 cm/s); the M9000 registers accuracy of +/- .015 inches (.4 mm), with higher accuracies available. The user interface of Easicut™ is virtually intuitive. It is easy to control tool types, speeds, accelerations, and restart a file, or recut pieces. Easicut™ aids efficiency by removing common lines, duplicate entities, and edge cuts. Material is spread across the static table and its internal blower system ensures material hold-down for cutting accuracy.

Robust Design and Performance

- Single-or low-ply layer cutting
- Open vacuum system design for evenly dispersed airflow
- Optimal material hold-down across the cutting surface
- Standard three tool cutting head
- Standard porous plastic table top
- Optional Lexan®, Urethane, PVC and microfiber table tops
- Consistent high-speed cutting and repeatable accuracy
- Ideal for prototyping and sample making
- Optimum material yields, labor savings and lower operating costs
- Compatible EasiCut™ software accepts CMD, DXF, EPS, GBR, NST, CEI and many other file formats
- Standard and custom vacuum zoning available
- Four remote emergency stops: two on gantry, two table mounted
- Diode laser pointing alignment tool
- Onboard control panel with alphanumeric user interface terminal
- Choice of extended warranty plans

Specifications

Software: Windows operating system

Drive Power: Dual-X, Y and Theta Axis "Brushless" Servo Motors (includes industrial amplifiers and closed loop encoders)

Drive System: Rack and Pinion Drive

Cutting & Plotting Speed: 60 inches per second (152.4 cm/s)

Acceleration: 1.3Gs

Electrical Requirements:
Control PC and Drive System: 120/240V, 50/60Hz, 3.6 KVA; Vacuum Blower: 230V/460V standard (other voltages available); 3 Phase 50/60/Hz, 7.5 HP

Compressed Air Requirements: 75-100 psi. @ 15 scfm
Sound Level: <75 dbA

Standard Sizes:**
Active Cutting Widths: 60 in. (1.5 m), 72 in. (1.8 m), 78 in. (2.0 m), 96 in. (2.4 m), 108 in. (2.7 m) and 114 in. (2.9 m). Custom widths available in 6 in. (15.2 cm) increments.
Overall Table Lengths: 12 ft. (3.7 m), 24 ft. (7.3 m), 36 ft. (11.0 m), 48 ft. (14.6 m) and 60 ft. (18.3 m). Custom lengths available in 4 ft. (1.2 m) increments.

Software System Options

- EasiSelect™ - Order Entry Interface Software
- Design & Nesting Software Suite
- EPDS™ Pool & Spa Design Suite
- ETADS™ Tent & Awning Design Suite

p.13-14

** Please contact the factory for exact measurements.

Hardware Options

EasiPull™

The EasiPull™ automated pull-off attachment features a pneumatic controlled gripper bar and microprocessor controlled length control. Digital controls allows easy programming of speed and spread length with accuracy to +/- .25 in. (6.4 mm)....[p.8]

Marking Options

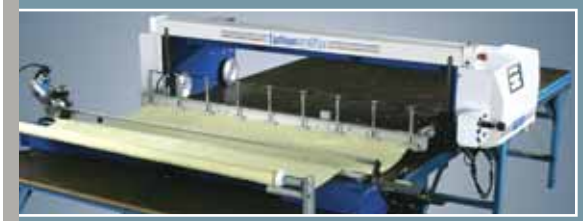
EasiMark™

EasiMark™ is Eastman's innovative airbrush marking system, especially useful for fabrics such as fiberglass and other materials where pen and traditional inkjet printing will not work. .....[p.8]

Tool Head Options

All Eastman automated cutting systems feature individually aligned and calibrated tool spindles which may be fitted with any combination of different sized rotary blades, different angles of straight knife blades, various shaped notches and various sized punches. .....[p.7]

Material Handling



A wide variety of material handling options are available to meet customer requirements .....[p.9-12]

Eastman®

Hardware & Marking Options

For Automated Cutting Systems

hardware

durability support expertise

Eagle-Static

Dual Cutter / Router System

Designed to run 24x7 without sacrificing speed or accuracy, Eastman's Router Tool Head option delivers heavy-duty performance for thick and dense materials. This system offers a two-spindle tool head in addition to the router for a variety of cutting and routing options.

Material is spread across the static table and vacuumed to the surface to ensure material hold-down for cutting accuracy. Features such as a pneumatically controlled z-axis and a manually adjustable depth control function facilitate cutting materials like soft or hard wood, composites, fiberboard, and a variety of plastics. A large capacity debris collection system on the tool head helps create a clean work environment.

Software: Windows operating system

Drive Power: Dual-X, Y and Theta Axis "Brushless" Servo Motors (includes industrial amplifiers and closed loop encoders)

Drive System: Rack and Pinion Drive

Cutting & Plotting Speed: 40 inches per second (101 cm/s)

Routing Speed: 20 inches per second (50.8 cm/s)

Acceleration: 0.8Gs

Standard Sizes:**
Active Cutting Widths: 72 in. (1.8 m), 78 in. (2.0 m), 96 in. (2.4 m) and 114 in. (2.9 m). Custom widths available in 6 in. (15.2 cm) increments.
Overall Table Lengths: 12 ft. (3.7 m), 24 ft. (7.3 m), 36 ft. (11.0 m), 48 ft. (14.6 m) and 60 ft. (18.3 m). Custom lengths available in 4 ft. (1.2 m) increments.

Maximum Cutting Material Thickness: 1.375 in. (35 mm)

Electrical Requirements: 110V @ 30 amps / 220V @ 15 amps, 50/60 Hz

Compressed Air Requirements: 75-100 psi. @ 0.5 scfm

** Please contact the factory for exact measurements.

Tool Head Options

Tool Heads, Blades and Marking Devices

Eastman automated cutting systems feature individually aligned and calibrated tool holders which may be fitted with any combination of different sized rotary blades, different angles of straight knife blades, various shaped notches, and many sized punches. All tool heads include a pneumatic pen/marker holder and the optional EasiMark™ airbrush marking system.

Tool heads come in standard, heavy-duty, fiber cutting, and router.

Standard Tool Head
- Three spindles
- Choice of three tools

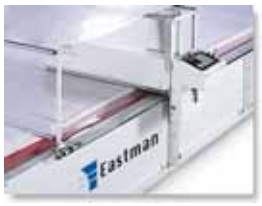
Heavy-Duty Tool Head (for harder to cut materials)
- Two heavy-duty spindles
- Choice of two tools

Fiber Tool Head (for cutting foam and fiber)
- Two fiber cutting spindles
- Choice of two tools

Router Tool Head (static table only)
- Router plus two spindles
- Router tool plus choice of two other tools

EasiHold™

For Cutting Lofted Material



Eastman's EasiHold™ dynamic vacuum compressor is an integral part of the Eagle-FC Fiber Cutter System, allowing users to cut lofted material, such as fiberfill and foam, with unparalleled speed and ease. EasiHold's™ vacuum compressor holds down porous and thick fabrics for cutting using a tough transparent plastic overlay. The plastic overlay curtain is never cut, eliminating consumable waste.

- Reduced labor time
- Available with conveyor system only

EasiPull™

Automated Spreading

Eastman's EasiPull™ increases throughput by streamlining spreading; it is a perfect attachment to a longer or wider cutting table. EasiPull™ automatically pulls material from the end of the table to the exact length needed for each cut.

- Reduces labor time for spreading
- Pneumatic controlled gripper bar
- Microprocessor controlled interface software
- No-Lift Blue Jay End Cutter
- Available with static table system only

EasiMark™

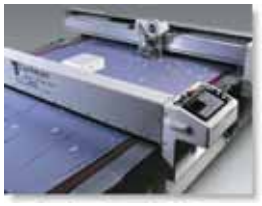
Airbrush Marking System

Eastman's innovative airbrush marking system, EasiMark™, can be added as a convenient option to the tool head of Eastman's Eagle Conveyor or M9000 Static Table to simplify parts identification. Airbrushing is especially useful for fabrics such as fiberglass and other materials where traditional printing will not work. EasiMark's™ non-clogging ink is fed from a reservoir mounted on the tool-head. Air pressure sends the ink to an industrial spray head and onto the material.

- Reduced labor time in collecting parts
- Easy identification of parts
- Simplified system set-up and clean-up
- Permanent and washable inks available
- Available in single or dual airbrush configurations

EasiLabel™

Simplified Identification System



Eastman's EasiLabel™ system is an upgrade option to the Eagle Conveyor system for simple pattern identification. Using a separate gantry with a printhead to print and place self-adhesive labels onto pattern pieces before they are cut, EasiLabel™ reduces the time & effort required to manage cut pieces. Label data comes directly from a CAD pattern database and can be barcoded or printed with multiple fonts.

- Dual gantry allowing simultaneous cutting and labeling
- Reduced labor time in collecting parts
- Easy identification of parts
- 4"x2" or 2"x1" printheads or labels available
- Available with conveyor system only

Eastman®

Material Handling Options

For Automated Cutting Systems

spreaders

durability support expertise

Blue Jay™ Spread & End Cutting System

The Blue Jay™ Spread and End Cutting System is a stunningly efficient straight line end cutter; it requires only one operator with each press of the button. Available as a stand alone end cutting unit (CRA-395) or with an optional Pull-Off option (CRA-375) for even faster cutting production and improved accuracy. Spreads up to 9 inches (22.9 cm) in total thickness.

- Repeatable spreading and cutting
- Automatically guided track for perfect straight line cutting
- Reduced labor (requiring a single operator) with increased productivity
- Remote control option
- Various system footprints for savings in floor space
- Adjustable grip pressure
- Variable speed joystick control
- Face up, one way spreading
- Standard and mirror image available, allowing one operator to spread on two tables

End Cutter

Maximum Width: 60 in. up to 156 in. (1.5 m up to 4.0 m) in 6 in. (15.2 cm) increments.
Horsepower: .20 Hp
Maximum Spread Height: 9 in. (22.9 cm)
Machine Weight: Approx. 125 lbs. (56.7 kg)
Traverse Cutting Speed: Variable
Blade Speed: 1800 RPM
Remote Control Option

Pull-Off

Maximum Machine Speed: 100 yards/min. (91 m/min.)
End Cutting Accuracy: +/- .25 in. (6 mm)

Maximum Length of Pull:
Standard = 33 ft. (9.8 m); optional = 50 ft. (15.2 m), 83 ft. (25.3 m)
Machine Weight: Approx. 325 lbs. (147 kg)

End Cutter and Pull-Off

Minimum Operator Pressure: 50 psi
Operating Voltage: 220V, 3 phase
Volume of Air Service: 15 scfm
Power Requirements: 220V @ 10A

Automatic, semi-automatic or manual operation

Manual or automated clamping and elevator control

CR300/CR500 Cradle Feed & Spreading System

The Cradle Feed and Spreading System offers amazingly simple face-to-face and face-up one way spreading, or face-to-face cutting at both ends. To set the spread length, the operator simply drives the machine to the start and end points of the spread, pushes a button at each end and then enters the number of plies required on the keypad. Loading and threading is just as easy: the cradle tilts back, the exhausted roll's core is removed, and the next roll dropped in. The operator presses a button, the machine threads itself and spreading begins.

- Superior edge and tension control
- Perfect straight line cutting
- Spreading of virtually any material from Lycra® and stretchy materials to canvas and denim
- Fast roll loading
- Storage of up to 30 programmed spreads
- Simple digital push-button controls for single operator control
- Superior edge control and end accuracy for better material usage
- Available in mirror image or standard configuration

Speed: 115 yards/min. (105 m/min.)
Maximum Spread Height: 9 in. (22.9 cm)
Edge Alignment Accuracy: +/- .078 in. (+/- 2 mm)
End Alignment Accuracy: +/- .125 in. (+/- 3 mm)
Roll Capacity: CR-300 = 24 in. (60.96 cm); CR-500 = 30 in. (76.2 cm)

Power Requirements: 110V @ 30 amps; 220V @ 15 amps
One Way Heavy Duty Knife Box: Standard
Stationary or Movable Catchers: Standard
Machine Weight: 1,000 lbs. (453.6 kg)

Power Cradle System

Provides a highly efficient way of feeding a wide variety of material to the cutting table in a relaxed or tensionless state with precise edge control.

- Precise alignment of each ply maintained by the Photo-Electric Edge Control Unit
- Variable speed rate controlled by a dancer bar
- Simplified loading of heavy material rolls with the tilt back option
- Also available with uprights and bar for 2-ply feeding and reverse roller option
- Available in mirror image or standard configuration

Standard Capacity: 300 lbs. (136 kg) - 24 in. (61.0 cm) diameter rolls
Optional Capacity: (Tilt Power Cradle) 500 lbs. (226.8 kg) - 32 in. (81.3 cm) diameter rolls
Standard Sizes: 66 in. (1.7 m), 72 in. (1.8 m), 78 in. (2.0 m), 96 in. (2.4 m) and 108 in. (2.7 m). Custom size systems also available in 6 in. (15.2 cm) width increments.

Power Requirements: 110V @ 15 amps; 220V @ 8amps

Custom built Power Cradle Systems available up to 48 in. (1.2 m) diameter rolls

Power Feed System

Simplifies material feeding by automatically adjusting tension for any material type. Feeds material onto the edge of the table while maintaining consistent tension. Comes in one-roll, two-roll, three-roll, or six-roll with cart, flat fold version.

- Precise alignment of each ply maintained by the Photo-Electric Edge Control Unit
- Consistent tension controlled to desired level

Capacity: 5,000 lbs. (2268 kg) - 30 in. (76.2 cm) with automatic edge control
Standard Sizes: 78 in. (2.0 m), 96 in. (2.4 m) and 108 in. (2.7 m). Custom size systems also available in 6 in. (15.2 cm) width increments.
Power Requirements: 110V @ 15 amps; 220V @ 8amps

Options: With or without edge control; Single roll, 2-roll, 3-roll, 6-roll (cart option); flat fold version

Custom built Power Feed Systems available up to 48 in. (1.2 m) diameter rolls

Eastman®

Material Handling Options

For Automated Cutting Systems

spreaders

durability support expertise

Pacemaker

The Pacemaker is Eastman's top-of-the-line manual spreading device. It can be used for either face-up or face-to-face operations. It is light weight, easy to use, reliable, strong, and durable. Its ease of operation coupled with its many features for increasing productivity make it an economical solution. The standard Pacemaker comes with end catchers, which automatically fold and clamp the fabric at each end of the spread.

- Spreading accuracy with manual edge control
- Spreading of wide fabrics with a single operator

Manual Edge Control: Standard
Ply Counter: Standard
Expandable: Standard
End Catchers: Standard
Infra-Red Edge Control: Optional
Piece Goods Bars: .75 in. (19.05 mm) Solid Bar, 1.25 in. (31.75 mm) Frozen Bar or Heavy Duty Expandabar: Optional
Quick-Cut Attachment: Optional
Front or Double Upright: Optional
Power Requirements: 110V @ 15 amps; 220V @ 8 amps

Double Platform: Optional
Max Spread Height: 9 in. (22.9 cm) std.
Automatic Edge Control Accuracy: +/- .25 in. (6 mm)
End Alignment Accuracy: +/- .50 in. (13 mm)
Max Roll Weight: 150 lbs. (68 kg) std., 500 lbs. (226.8 kg) opt.
Max Roll Diameter: 24 in. (61.0 cm) std., 48 in. (122 cm) opt.
Machine Weight: 250 lbs. (113.4 kg)

Turntable

Eastman's Turntable is a lightweight easy-to-use spreader. When positioned at the end of a cutting table, the material is manually spread across the table. The maneuverable spreader adjusts for face-up-one-way, face-to-face-nap-one-way and face-to-face spreading. To improve efficiency when spreading face-up-one way, a guided Falcon end cutter can be added to end cut each ply with perfect accuracy.

- Maneuverability
- Spreading accuracy with manual edge control

Manual Edge Control: Standard
Roll Bar: Standard
Falcon Cut Off: Optional
Additional Lifter Arms: Optional
Double Uprights: Optional
Cloth Weights: Optional

Max Spread Height: 9 in. (22.9 cm) std., 15 in. (38.1 cm) opt.
Max Roll Weight: 150 lbs. (68 kg)
Max Roll Diameter: 24 in. (61.0 cm) std., 48 in. (1.2 m) opt.
Machine Weight: 125 lbs. (56.7 kg)

Expandable

Eastman's Expandable Roll Carrier is capable of spreading various width materials using one system. The Expandable is an ideal first machine or an emergency machine for cutting rooms with motorized spreaders. The manual edge control and lifters guide the material onto the table as the operator spreads it along the cutting table.

Manual Edge Control: Standard
Roll Bar: Standard
Double Uprights: Optional
Extended Uprights: Optional
Rodway Catchers: Optional
Cloth Weights: Optional
Extended Height Capacity: Optional
Max Spread Height: 9 in. (22.9 cm) std., 15 in. (38.1 cm) opt.

Max Roll Weight: 150 lbs. (68 kg)
Max Roll Diameter: 57 in. (1.5 m) std., 48 in. (1.2 m) opt.
Machine Weight: 75 lbs. (34 kg)
Roll Width: 72 in. (1.8 m) to 84 in. (2.1 m)

Multi-Roll Carousel

The Multi-Roll Carousel System, available in many sizes and styles, provides tremendously simple access to multiple material rolls for end of table spreading. With the press of a button, material rolls turn around the carousel stopping on the desired roll.

- Easy mobility with motorized control
- Easy roll loading right off the floor or cart
- Protection of material from soiling with shielded motors
- 12,000 lb. (5443 kg) total weight capacity
- Dual controls for loading and operating ease
- Single and multiple tower widths up to 200 inches (5.08 m). Roll weights up to 300 lbs. (136 kg).
- Casters and track configuration
- Material can feed from either side

Standard Height Range:
10 ft. to 24 ft. (3 m to 7.3 m)

Configurations:
Single tower, multi-tower and overhead

Also available for rolls up to 36 in. (91.4 cm) in diameter and widths up to 15 ft. (4.5 m) or more

The Multi-Roll Carousel also comes in a heavy-duty version (up to 3,000 lbs. (1360 kg) per roll).

A-Frame Roll Rack

The A-Frame manual feeder is an economical solution for trouble free spreading of different fabrics. Fully portable with a total weight capacity of 1,000 lbs. (453.6 kg) per side.

- Fully portable allowing goods to be unrolled directly from the A-frame to cutting table
- Maneuverable narrow design with 6 in. (15.2 cm) rubber caster wheels
- Rotating roll bars equipped with ball bearing brackets (cones are optional)

Maximum Rolls: 8 (four on each side)

Maximum Roll Diameter: 16 in. (40.6 cm)

Maximum Capacity: 2,000 lbs. (907.2 kg)

Roll Stand System

Allows the user to easily handle rolled goods for spreading onto the table with automatic edge control.

- Precise alignment of each ply maintained by the Photo-Electric Edge Control Unit
- Manual brake control (optional pneumatic power brake available)

Capacity: 300 lbs. (136 kg) - 24 in. (61.0 cm) with automatic edge control

Optional Capacity: 500 lbs. (226.8 kg)

Standard Sizes: 66 in. (1.7 m), 72 in. (1.8 m) and 78 in. (2.0 m). Custom size systems also available in 6 in. (15.2 cm) width increments.

Power Requirements: 110V @ 15 amps; 220V @ 8amps

Custom built Roll Stand Systems available up to 48 in. (122 cm) diameter rolls

Manual brake controls available

The Roll Stand System is also available in a heavy-duty and flat fold version

Eastman®

Software

For Automated Cutting Systems

software

durability support expertise

EasiCut™

Eastman Operating Control Software

Eastman's EasiCut™ software is powerful, flexible and Windows based. EasiCut™ makes it effortless to operate Eastman's automated cutting systems. The user interface of EasiCut™ is virtually intuitive. It is easy to control tool types, speeds, accelerations, and restart a file or recut pieces. Easicut™ aids efficiency by nesting pieces, removing common lines, duplicate entities and edge cuts.

Ease of Use
- Powerful file optimization and piece manipulation functions including move, rotate, scale, mirror, erase and copy
- Adjustable speed, pressure, overcut and acceleration while the cutting is active
- Real-time on-screen display of cutting status
- File storage by user preference

Speed
- On-the-fly tool setting adjustments
- Real time adjusting of speed, pressure, overcut and acceleration
- Quick nesting of selected pieces

Flexibility
- Importing of most CAD file formats including CEI, DXF, DWG, CMD, GCODE, HPGL, IGES, NST and NTV

Unparalleled Service and Support
- On-site training
- Immediate response time

EasiSelect™

Eastman Order Entry Interface Software

EasiSelect™ is Eastman's flexible order entry interface software. It simplifies the organization and selection of orders for material cutting and interfaces with design and nesting software.

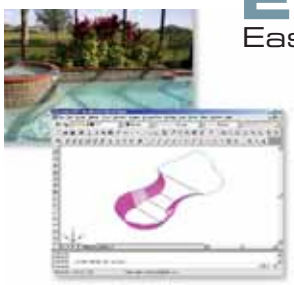
Users can automatically import data from an order entry system identifying material type, number of pieces to be cut, material color and thickness. A user maintained Bill of Materials tracks all like orders; orders are then selected for extraction. EasiSelect™ uses the Bill of Materials to commingle all like orders and create a file for transfer to a design and nesting software application where pieces are nested to eliminate material waste.

Design & Nesting

Software Suite

Easy-to-use Design and Nesting software electronically creates patterns and nests pieces with renowned accuracy and maximized material usage.

With data such as depth, length and width, the computer operator draws the desired pattern or takes an existing pattern and digitizes it into the software. Patterns are then nested for optimal material utilization and designs and nestings are saved for reuse.



EPDS™

Eastman Pool and Spa Design Suite

Eastman Pool and Spa Design Suite, EPDS™, is specially designed for the needs of pool and spa cover manufacturers. EPDS™ is an AutoCAD based tool that automates the very tedious task of turning a three dimensional wireframe to a two dimensional form that can be cut with ease.

With data such as depth, length and width, the computer operator draws the pool or spa cover shape. The drawing is then presented in either two-dimensional or three-dimensional viewing. The software divides the two-dimensional pool liner/spa cover into panels and positions these to guarantee the least amount of wasted material during cutting.

ETADS™

Eastman Tent and Awning Design Suite

Eastman Tent and Awning Suite, ETADS™, is specially designed for the needs of tent and awning manufacturers. ETADS™ is an AutoCAD based tool that automates the very tedious task of turning a three dimensional wireframe to a two dimensional form that can be cut with ease.

With data such as depth, length and width, the computer operator draws the tent or awning shape. The drawing is then presented in either two-dimensional or three-dimensional viewing. The software divides the two-dimensional design into panels and positions these to guarantee the least amount of wasted material during cutting.

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