



GO AHEAD.
GET TOUGH.

Eastman's Static Table System is capable of cutting, marking, drilling and punching virtually any flexible material at speeds of up to 60 inches per second (152.4 cm/sec.).

Eastman's dedication to providing practical solutions to a range of manufacturing facilities has triggered innovative technology and has unveiled triumphs in cutting that are unmatched in the industry. The static cutting table has proven itself as the go-to resource for materials like cotton, nylon and vinyl as well as difficult-to-cut materials—such as polystrand, p-tex, and fiberglass-polyester blends.

The static table system is available in a range of system lengths and widths to meet the demands for prototypes, one-offs and full-production runs. The system's high-precision configuration features multi-axis motion for more defined and accurate cuts. Material is spread across the static table by an operator or with the use of a pneumatic gripper bar. The open plenum vacuum system design ensures evenly dispersed airflow for optimal material hold-down. This computer-controlled system features zoning capabilities to enable cutting in one area while the operator is simultaneously picking parts in another, maximizing daily production capacity.



DESIGN & EFFICIENCY

- Automatic cutting minimizes manual labor and increases material utilization for more cut parts in less time
- Less expensive for entry level and small production
- EasiPull pneumatic pull-off attachment allows longer and wider tables to be efficiently operated by a single person
- Various cutting surfaces are available to optimize cutting results for any given material, including Porex®, Lexan®, felt, and laser-perforated urethane belt
- Variable-frequency drive is available to eliminate starter and provide vacuum control
- Several options are available for marking and labeling pieces
- Gantry and tool head are compatible with conveyor system for future expansion upgrades

TECHNOLOGY

- Networked machines can be accessed by Eastman technicians off-site and in real-time for immediate troubleshooting and support
- Real-time diagnostics monitor all wires and signals, as well as motors
- Software algorithms identify components in need of maintenance or replacement
- Optional precision kit offers increased cutting accuracy
- Capable of cutting several layers without the use of plastic overlay due to concentrated vacuum hold-down
- Modular tool-head design accommodates future accessory add-ons

SAFETY

- Four remote emergency stops: two on cutting gantry, two table mounted
- Additional gantry-mounted stop disks pause system operation until returned to neutral and reset. Operation can then be resumed from any position
- Tool head is equipped with plexiglass safety window to keep hands free of knife during operation
- Single turn-off point with a universal power system for lockout/tagout safeguards employees from unexpected start-up



OPTIONS

Additional Solutions

- **EasiPull** | material pulling system
- **EasiLabel** | adhesive label system
- **EasiMark** | airbrush marking system
- **Variety of material handling equipment**
- **Fiber tool head**
- **Heavy-Duty tool head**
- **Router tool head**
- **Laser tool head**



Static Cutting Table Technical Specifications*

BASIC SPECIFICATIONS*		ENGLISH	METRIC
Please contact the factory for active cutting zone dimensions. Custom widths and lengths available.	Width	60 in.	1.54 m
		72 in.	1.82 m
		78 in.	1.98 m
		96 in.	2.44 m
		108 in.	2.74 m
		114 in.	2.90 m
Length	8 ft.	2.44 m	
	12 ft.	3.66 m	
	16 ft.	4.88 m	
	24 ft.	7.32 m	
	36 ft. +	10.97 m +	
Drive System		Dual-X Axis, Y-Axis & Theta Axis. X & Y-Axis Rack & Pinion Drive, Brushless Servo Motors	
POWER REQUIREMENTS			
Electric	Diagnostic Control Cabinet/PC	115/230V, 1 ph, 50/60 Hz, 3.6 kVA	
	Vacuum Blower	208/230/380/460/575V, 3 ph, 50/60 Hz, 7.5 HP, VFD control optional	
Pneumatic		75 – 90 psi at 15 SCFM	5.17 – 6.2 bars at 0.42 cmm
SPEEDS			
	Maximum Cutting Speed	60 in./sec.	152.4 cm/sec.
	Maximum Acceleration	1.3 g	
	Maximum X/Y Speed	60 in./sec.	
ENVIRONMENTAL			
	Compressed Air Consumption	15 CFM	
	Sound Level	<75 dB(A)	
	Operating Temperature	55 – 100°F	12 – 37°C
	Humidity	20 – 80% (non-condensing)	

*Contact the factory for laser and router system features and specifications. Achievable speeds and accelerations are tool-, material- and thickness-dependent. All indicated speeds, dimensions, weights and performance data are approximate and subject to change without notice.