

Straight Knives

The Eastman line of straight knife machines have set the industry standard for quality, performance, and engineering for over 120 years. The Eastman 629X Blue Streak II and 627X Brute are designed to provide optimal performance whether cutting intricate jobs with small radius cuts or patterns that have long, clean cuts. The Eastman line of straight knife machines cut denim or silk, cotton or knits, sailcloth or synthetics, fiberglass and technical textiles, easily and without effort. Eastman straight knife machines are available in a wide variety of strokes, heights, and electrical configurations to make your cutting department efficient and productive.

durability & dependability

accurate smooth efficient



Eastman®

The Classic Eastman Straight Knife

The classic Eastman straight knife machine is renowned for setting the standard of excellence. The durability and dependability of Eastman's motor is one of the most important aspects of the Eastman straight knife machine. Eastman's unique design provides more torque and the best power-to-weight ratio of any machine that is commercially available. The powerful high torque motor allows the Eastman straight knife to easily cut the broadest range of materials; effortlessly and without danger of overheating or electrical problems. Eastman's motor housing incorporates a single-reservoir oiling system which eliminates the need to oil during a work shift and a one-touch automatic sharpener to keep the blade razor sharp.

Only Eastman Machine Company manufactures its own knife blades to exacting tolerances. Each blade is meticulously engineered and manufactured to tolerances of a thousandth of an inch which allows for clean cuts on all materials; 70% longer blade life; and eliminates most vibration (which can compromise the machine's performance).

Eastman straight knives come in eight different heights to ensure that the operator has the right configuration for the cutting application (the lower the machine, the easier it will be to maneuver). Low-profile base plates also help in achieving tight turns, high accuracy and minimal distortion.

dependability

durability



Blue Streak II® MODEL 629X

The versatility of the Blue Streak II is unmatched by any other straight knife. It is the obvious choice when one machine is required for multiple tasks.

- A low profile, polished, streamlined baseplate is designed to reduce friction and distortion in the lay regardless of the number of plies.
- Constructed of superior quality materials to ensure durability and longevity.
- The Eastman motor is designed and manufactured to disperse heat efficiently and away from the operator.
- The Eastman 629X Blue Streak II is available in eight sizes, four strokes, and a multitude of electrical specifications.



Brute® MODEL 627X

With a super efficient and extra powerful motor, the 627X Brute straight knife is designed to cut the toughest fabrics or an increased number of ply. The model 627X Brute is Eastman's most powerful straight knife cutting machine and is available in the same sizes, strokes, and electrical configurations as our standard Blue Streak II cutting machine.



Denim Brute® MODEL 627X

The Denim Brute includes all features of the standard 627X Brute plus a knife sliding oiling system; 1-3/4" stroke; abrasive belts; and a lower handle bracket. These features enable the Brute to efficiently cut multiple plies of heavyweight denim with minimal operator fatigue.



Brute® Variable Speed MODEL 627VS

Model 627VS is a standard Brute Straight Knife enhanced with a variable speed motor to offer increased acceleration, and smoother operation, all while saving energy. It is the only cutting machine on the market that runs at speeds up to 4,000 RPM's.



Air Brute® MODEL 627XP

The Air Brute is perfect for cutting in a damp environment where electrically powered machines cannot be used; or where there is extreme dust and fiber laden conditions. This pneumatically controlled straight knife is designed to cut fusible materials such as composites and fiberglass.



Micro Fog™ MODEL 629MF / 627MF

Eastman's exclusive Micro Fog machine ensures maximum heat reduction for cutting highly fusible materials. The Micro Fog device sends a mist of coolant / lubricant behind the knife and out through a specially slotted knife-slide to penetrate every layer or material and to eliminate the conditions that cause fusing. The Micro Fog straight knife requires 90-120 psi (6.2-8.3 bars) compressed air.



Plastic Master™ MODEL 629PM / 627PM

Combines Blue Streak II or Brute straight knife with:

- Heat reducing features (short stroke and wave blade that reduce blade contact by 80%).
- Eastman's special gravity feed moistening attachment to eliminate fusing.
- Coolant flow exactly metered to achieve the desired degree of lubrication and cooling required.