



For cutting large radius curves or straight lines, one of Eastman's wide range of round knife machines is ideally suited for the job. Eastman's round knives are built with the same quality and attention to detail that have made Eastman straight knives the #1 choice in cutting rooms around the world.

Cardinal® Series

Eastman's Cardinal® series includes round knives designed to handle most standard round knife applications. With four different blade sizes, horsepower ratings and custom engineered gear ratios to choose from, Eastman's cutting experts are able to deliver a Cardinal with specifications exactly matched to each customer's needs.

- Baseplates and rollers provide a solid, stable platform and smooth rolling, vibration free cutting.

- A Narrow Silhouette Standard eliminates cutting distortions and allows exact cutting on all types of material.
- While hard wearing carbon steel blades are standard, any Cardinal can be equipped with optional high speed steel blades for cutting large lays of heavy, dense materials or whenever extra blade life is desired. Grooved and Teflon coated blades are also available to reduce blade heat and eliminate fusing problems.
- Eastman's round knife sharpening system* utilizes specially designed sharpening stones to create a perfect double bevel edge on the blade. The advantage of the double bevel is that it eliminates the need for a shear plate to support the machine's cutting action. And with three grits of sharpening stones available, Eastman Cardinals can be adjusted so that the ease and accuracy of cutting is improved

and sharpening frequency can actually be decreased.

- 120 Grit: Heavy, dense materials, denims and canvas
- 150 Grit: Medium, good when a large variety of fabric types are to be cut
- 220 Grit: Fine, sheer, loosely woven materials
- Eastman's exclusive patented Uni-Safe Terminal Block and Attachment Plug allows the operator to engage the power supply to the cutter with one hand.
- Ergonomic placement of the controls allows the cutter to activate the power switch and feather touch sharpener with the same hand, ensuring continuous, accurate and clean cuts.

EASTMAN

Lightweight/Model 534

Specially designed for low lays of wool, cotton, silk and synthetics, the 534 provides lightweight maneuverability with more than enough power for positive cutting of these materials.

Standard/Model 548

A smaller, more maneuverable version of the 562, this general purpose round knife delivers the same wide range of uses with the advantage of a smaller, lighter package.



Model 548

Heavy Duty/Model 562

Although less powerful than the model 567, the Cardinal® Model 562 features an idler gear for increased torque. This combination of torque and blade speed makes the 562 ideal for most general purpose cutting of canvas, burlap, cotton, cotton batting, woolens and knits.



Model 534



Model 562

Heavy Duty/Model 567

Eastman's most powerful round knife, the Cardinal® Model 567 is equipped with the same high-torque motor as the Brute straight knife. A dual speed option offers versatility and utility but the 567's biggest asset is its power. When supplied with 120 grit sharpening stones and a high speed steel blade, the 567 is capable of the most demanding chore, including even deep lays of denim or canvas.



Round Knife Standard

Round Knives

	Model 534	Model 548			Model 562		Model 567	
Motors:								
110v, 1 ph	Available	Available	Available	Available	Available	Available	Available	Available
220v, 1 ph	Available	Available	Available	Available	Available	Available	Available	Available
220v, 3 ph	Available	Available	Available	Available	Available	Available	Available	Available
Sharpener								
Stone Grits:								
120 Heavy	Available	Available	Available	Available	Available	Available	Available	Available
150 Medium	Available	Available	Available	Available	Available	Available	Available	Available
220 Fine	Available	Available	Available	Available	Available	Available	Available	Available
Blades:								
Double Bevel	Available	Available	Available	Available	Available	Available	Available	Available
Teflon Coated	Available	Available	Available	Available	Available	Available	Available	Available
Carbon Steel	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
High Speed Steel	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Slotted	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Grooved	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Single Speed:	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Dual Speed:	N/Available	N/Available	N/Available	N/Available	Optional	Optional	Optional	Optional
Weight:	16 lbs. 7.26 kg.	21 lbs. 9.52 kg.	21 lbs. 9.52 kg.	21 lbs. 9.52 kg.	30 lbs. 13.6 kg.	30 lbs. 13.6 kg.	30 lbs. 13.6 kg.	30 lbs. 13.6 kg.
Horsepower:	.20 hp, 1 ph/.34 hp, 3 ph	.34 hp, 1 ph/.48 hp, 3 ph	.34 hp, 1 ph/.48 hp, 3 ph	.34 hp, 1 ph/.48 hp, 3 ph	.65 hp, 1 ph/.93 hp, 3 ph	.65 hp, 1 ph/.93 hp, 3 ph	1.25 hp, 1 ph/2.2 hp, 3 ph	1.25 hp, 1 ph/2.2 hp, 3 ph
Blade Size:	4" 10.2 cm	4" 5¼" 6" 10.2 cm 13.3 cm 15.2 cm	4" 5¼" 6" 10.2 cm 13.3 cm 15.2 cm	4" 5¼" 6" 10.2 cm 13.3 cm 15.2 cm	6" 7½" 15.2 cm 19.1 cm	6" 7½" 15.2 cm 19.1 cm	6" 7½" 15.2 cm 19.1 cm	6" 7½" 15.2 cm 19.1 cm
Cutting Capacity:	2⅞" 5.40 cm	2⅞" 3⅞" 3½" 5.40 cm 7.95 cm 8.89 cm	2⅞" 3⅞" 3½" 5.40 cm 7.95 cm 8.89 cm	2⅞" 3⅞" 3½" 5.40 cm 7.95 cm 8.89 cm	3¼" 5¾" 8.22 cm 14.6 cm	3¼" 5¾" 8.22 cm 14.6 cm	3¼" 5¾" 8.22 cm 14.6 cm	3¼" 5¾" 8.22 cm 14.6 cm



Model BBB32

Model BBR25

Model BBB25

For cutting that demands the stability of a round knife and the agility of a small straight knife, Eastman offers a line of small round knives which includes the Little Giant, Mighty Midgets and the newest entry, the Robin. All of these knives include an extremely low profile baseplate for virtually no distortion when cutting through low lays and single thicknesses of material.

Robin®/Model 225

The next step down from Eastman's larger diameter round knives, the Eastman Robin is the result of many years of input from cutting rooms of all sizes. The Robin combines increased power and cutting capacity with a streamlined design to create the ultimate small round knife.

While weighing less than five pounds (2.2 kg.), the Robin features Eastman's Perma-Field Motor for cool running, vibration free cutting. A newly designed standard and baseplate combined with friction free rollers allows the operator to follow the line on any marker.

With the user in mind, the on/off switch, blade guard and sharpening stone are located where they can all be activated by the operating hand.

To provide both high volume output and low maintenance requirements, the Robin boasts a sealed gear cavity which eliminates the problem of lint build-up.

As are all Eastman machines, the Robin is equipped with the patented Uni-Safe Terminal Block and Attachment Plug which allows one-hand connect/disconnect and is designed to meet all existing international safety codes.

Little Giant/Model BBB32

With slightly less capacity and power than the Robin, the Little Giant is an economical choice for low lays when the Robin is too much machine and the Eastman Chickadee® Electric Shears not quite enough.



Robin

Mighty Midget/Model BBB25

The Mighty Midget features a shear plate design which makes it the choice for cutting loosely knit fabrics, even in low lays and single ply. The optional hexagon blade virtually eliminates fraying and tearing of the sheerest materials.

Mighty Midget/Model BBR25

With all the features of the BBB25, this Mighty Midget BBR25 is more suited to heavier, denser materials where shear plate action is not necessary. Dual sharpening stones hone the knife edge for optimal cutting of denims and canvas.

Round Knives (Robin/BBB)

	Robin®	BBB 32	BBB 25	BBR 25
Motors:				
110v, 1 ph	Available	Available	Available	Available
220v, 1 ph	Available	Available	Available	Available
220v, 3 ph	N/Available	Available	Available	Available
Sharpener				
Stone Grits:				
120 Heavy	Standard	Available	Available	Available
150 Medium	N/Available	Available	Available	Available
220 Fine	N/Available	Available	Available	Available
Blades:				
Carbon Round	Standard	Available	Available	Standard
High Speed Round	N/Available	Standard	Available	Available
High Speed Octagon	N/Available	Available	N/Available	N/Available
Carbon Hexagon	N/Available	N/Available	Standard	Available
High Speed Hexagon	Available	Available	N/Available	N/Available
Dual Wheel Sharpener:	N/Available	Standard	N/Available	Standard
Weight:	5 lbs. 2.27 kg.	4 lbs., 2 oz. 1.87 kg.	3 lbs., 6 oz. 1.53 kg.	3 lbs., 6 oz. 1.53 kg.
Horsepower:	.20 hp	.10 hp	.10 hp	.10 hp
Blade Size:	4" 10.2 cm	3¼" 8.26 cm	2½" 6.35 cm	2½" 6.35 cm
Cutting Capacity:	1⅞" 2.86 cm	⅝" 1.59 cm	½" 1.27 cm	½" 1.27 cm

In response to requests from our customers, Eastman has engineered and produced a number of machines that relate to the specific needs of various industries.

Manufactured with the same excellent quality as our standard line, each of these Special Purpose machines offers solutions to various cutting problems.

Eastman has the capability to custom design cutting machines for a wide range of operations and welcomes inquiries from customers looking for assistance with their cutting needs.



Carpet Cutter/Model 548CC

Based on Eastman's 548 round knife, the Carpet Cutter 548CC is designed and engineered to meet the specific needs of carpet manufacturers and installers. Tested and refined with the input of some of our best customers, Eastman's Carpet Cutter is superior in engineering detail.

Featuring a stronger knife standard and maximum motor power, the Carpet Cutter pulls through the carpet, along or against the grain in curves or along straight edges with minimal effort, thus reducing operator fatigue.

The blade for the Carpet Cutter has been designed to solve cutting problems; for example, the grooved or Teflon blade is recommended where the reduction of fusing and material build-up on the blade are critical.

An optional long handle replaces the standard grip for applications where the operator "walks" the knife through up to 1" (2.54 cm) of material.

Slitting Machine Model 548BK

Another example of the versatility of Eastman's Cardinal 548. The 548BK is equipped with a stationary mounting bracket, instead of a baseplate, to allow the machine to be mounted for slitting operations, either single or multiple, as the need requires.



Rubber Slitter/Model RS2

The very dense characteristics of rubber and some plastics demand a cutting machine with extremely high torque and very low knife speed to keep friction and heat build-up to a minimum.

Eastman's new Rubber Slitter Model RS2 was engineered from the base up with these special rubber characteristics in mind. An all new high torque DC motor combined with a lower gear ratio that provides the power necessary to dig through up to 1½" (3.81 cm) of 80 durometer rubber. The variable speed motor also gives this machine a wider range of operations than any similar cutter. When equipped with a slotted blade and plastic motor lubricator, the RS2 is prepared for any rubber cutting task at hand.