



**The Phoenix RotoBar Roller Gin Designed For Ginning Long Staple "Slick Seed" Cotton and Varieties of Upland "Fuzzy Seed" Cotton.**



- Capacity to gin up to 1000 pounds (453.6 kg) of long Staple lint per hour or 500 pounds (226.8 kg) of upland lint per hour.\*
- Continental Eagle's Phoenix RotoBar Combines high Capacity, Quality and Simplified Operation.
- Stability is built-in the Phoenix through use of heavy steel plate heads.
- Highest Roller Capacity in the Industry, 15" (381 mm) dia. X 46" (1168.4 mm) Ginning Roller.



Continental Eagle's sound but simple design is sure and efficient. The Phoenix RotoBar's simplicity means more dependability, fewer and easier adjustments, less maintenance, and better accessibility.

The Phoenix RotoBar's feed rate to the gin is regulated by electrically controlling the speed of the two feed rollers inside the cotton intake opening on top of the Extractor/Feeder. Inclined, spiked cylinders rotating over a grid screen inside the Extractor/Feeder clean and "single-lock" the cotton. Trash falls from the cleaning screen into a conveyor and is discharged out one end.

From the spiked cylinders, the cotton is transferred to a channel saw having cleaning bars around the periphery of the saw. Locks thrown

over the cleaning bars are reclaimed by a reclaimer saw and doffing brush. The doffing brush also doffs the cotton from the channel saw onto the cotton slide for delivery to the gin.

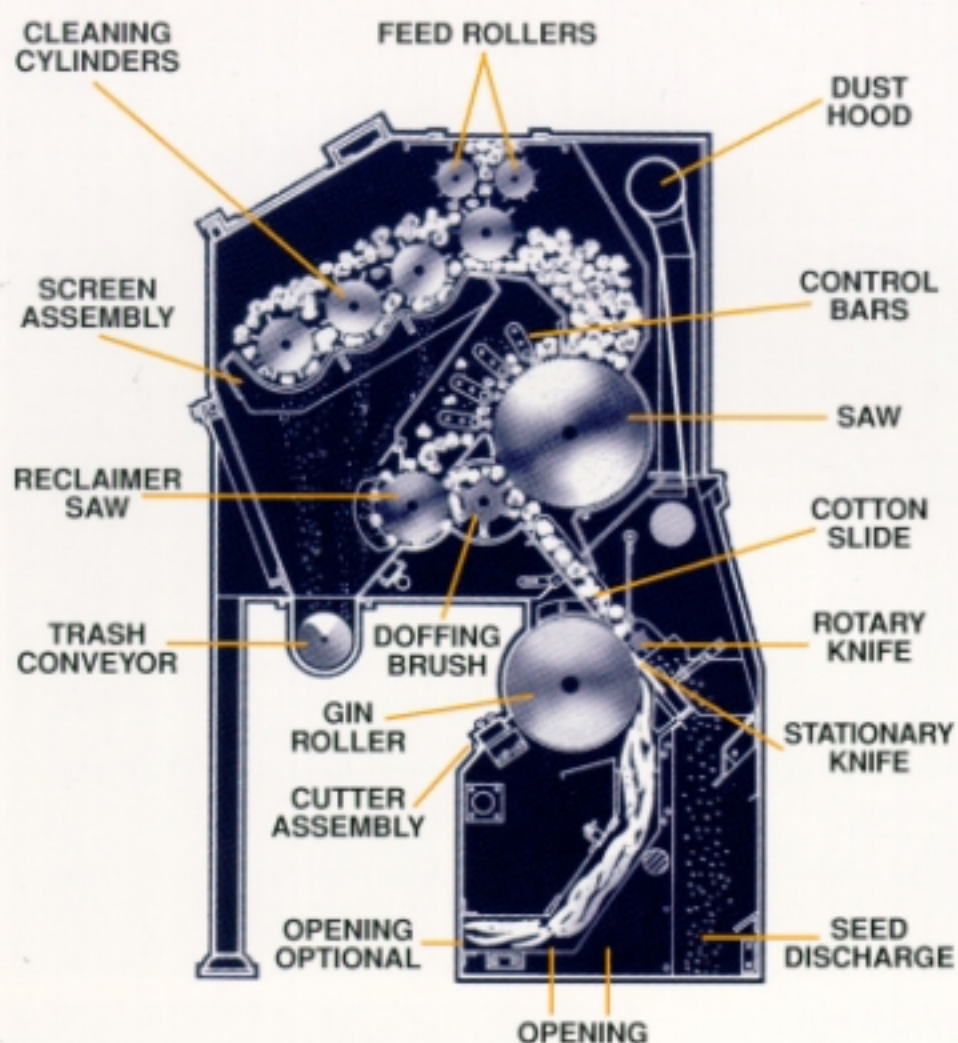
Ginning components inside the gin consist of a 15 inch (381 mm) diameter ginning roller, a rotary knife and a stationary knife. Cotton entering the gin adheres to the rotating ginning roller and passes under the stationary knife. Lint is separated from the seed as the cotton passes under the leading edge of the stationary knife. The rotary knife aides the separation by rotating the seed away from the lint and discharging it over the top of the stationary knife. After passing under the stationary knife, ginned lint is doffed from the ginning roller by air suction on the ginning roller.

\* All capacities are subject to cotton varieties and conditions.





**The Ginner's Gin. To meet the demand of the long staple cotton ginner.**



### Technical Specifications

<b>Capacity</b>	1000 lb. (453.6 kg) per hour long staple (slick seed), 500 lb. (226.8 kg) per hour upland (fuzzy-seed).	<b>Rotary Knife</b>	2.726 in. (69.2 mm) dia.
<b>Ginning Roller</b>	Vulcanized rubber core with laminated cotton packing, 15 in. (381 mm) diameter x 46" (1168.4 mm).	<b>Feeder Motor</b>	1/2 HP, 90 volt DC, 56C Frame, PMDC, 1750 RPM
<b>System Air Pressure</b>	150 psi (1034 kPa) air supply, Minimum.	<b>Gin Motor</b>	(not included with Gin, by Customer): Domestic USA: 15 HP, 1200 RPM, 60 Hz Export: 15 HP, 1000 RPM, 50 Hz
<b>Air Cylinders:</b>		<b>Principal Dimensions:</b>	
<b>Ginning Roller</b>	2 in. (50.8 mm) stroke x 4 in. (101.6 mm) bore x 1 in. (25.4 mm) dia. rod.	Length: (Front) 6 ft. 11 in. (2108 mm) (Doors closed)	
<b>Rotary Knife</b>	3 in. (76.2 mm) stroke x 1-1/4 in. (31.8 mm) bore.	Width:	
<b>Extractor-Feeder Main Saw</b>	16-1/2 in. (419 mm) dia.	Gin 2 ft. 8 in. (812.8 mm)	
<b>Extractor-Feeder Reclaimer Saw</b>	8 in (203.2 mm) dia.	Extractor-Feeder 4ft. 5-5/8 in. (1362 mm)	
<b>Spiked Cylinder (4)</b>	8 in. (203.2 mm) dia. each	Installation 4 ft. 11-1/8 in. (1501.8 mm)	
<b>Doffing Brush</b>	8 in. (203.2 mm) dia.	Height:	
		Gin 3 ft. 5-13/16 in. (1062 mm)	
		Extractor-Feeder 4 ft. 3 in. (1295.4 mm)	
		Total 7 ft. 8-13/16 in. (2357.4 mm)	
		Weight:	
		Gin 2700 lb. (1224.72 kg)	
		Extractor 3300 lb. (1496.88 kg)	

ALL DESIGNS, SPECIFICATIONS AND RATINGS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Manufactured and Marketed by



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