

Design & Construction

Rubber Boile Cutter consists of a cutter or a precision blade, column, hydraulic cylinder, base and power pack unit. The oil is supplied by the hydraulic power pack unit, which operates the cutter through cylinder. Lead or nylon is casted on the base under the cutter for protecting the edges. The high precision inclined cutters with uninterrupted boiles cut the rubber into predetermined size of selected thickness. The cut rubber automatically discharged with the help of rollers. Conveyors are provided with the unit for carrying the finally cut piece of boiles.

TECHNICAL SPECIFICATIONS:

Model	RBC - 10 T	RBC - 20 T	RBC - 25 T	RBC - 50 T
Cutting rubber width	550 mm	600 mm	650 mm	750 mm
Stroke of cutter	200 mm	300 mm	350 mm	400 mm
Total pressure of cylinder	100 KN (10 Tons)	200 KN (20 tons)	250 KN (25 Tons)	500 KN (50 T)
Stroke time of cutting	14-16 s	13-16 s	20 seconds	25 Seconds
Motor power	3 h.p.	5 H.P.	5 hp	7.5 H.P.
Rollers width x length	650 x 750 mm	650 x 1000 mm	750 mm x 1000 mm	900 x 1000 mm



Rubber Bale Cutter

"Fast & Safe
cutting of
Rubber in
New Generation
Machines.."



Overview

Santec's Rubber Bale Cutters are specially designed for economy, durability, ease of use and versatility. These machines are widely used for cutting rubber bales in different sizes. The steel hardened rollers ensure smooth movement of the bale through the machine. Semi and fully automatic cutters are perfectly suitable for toughest natural and synthetic rubber bales. Inclined cutters are fed with continuous bales. The steel alloy blades cut the bales into pre-determined size of selected thickness. Bales are automatically discharged with the help of rollers. These hi-tec machines can also be provided with conveyors as per the demand of the clients. Our bale cutters are an essential unit required for portioning these virgin bales in accordance with the numerous different mixing recipes. The cutting knife works against an exchangeable cutting bar in order to cut through the bales safely. Cutting knife and cutting bar can both be easily replaced when worn or when required to be re-sharpened.

Application

Rubber Bale Cutters are ideal for production applications, yet small enough to be considered for high volume laboratory applications. These machines can be used for cutting both natural and synthetic rubbers.

Salient Features



Rubber bale cutters from Santec are engineered for precision, performance and productivity. Some of the salient features of the machine include the following:

- Better quality cutting
- High precision
- Higher productivity
- Greater flexibility
- Cuts both natural as well as synthetic rubber bales
- Equipped with hydraulic power pack
- Double acting hydraulic cylinder
- Rollers to move the bales
- Cutting blade
- Excellent performance
- User-friendly operation that require skilled operator
- Requires no manual interference

