

Rockport Drum Cutter

High speed recutting
- without mandrels.

ROCKPORT



Model 500 Drum Cutter

The ROCKPORT Drum Cutter is a high speed, high volume recutting machine for tubular products such as spiral wound paper tubes. Design of the unit is unique since mandrels are not used in the cutting process thereby resulting in high throughput. The set up and operation of the equipment is straight-forward, making for easy operation and a minimum of operator training.

The drum and band drives are equipped with independent, variable speed drives allowing easy adjustment of the core throughput rate. By adjusting speed of the drum and rotating bands, the quality of the cut can also be maximized depending on characteristics of the core being processed. Blade speed is typically fixed however as an option variable speed drive can be built into the unit.

Heavy-duty construction is standard in all three Drum Cutter models. The cast aluminum carriage assembly is mounted to a heavy gage rolled steel frame. Specialized drum assembly is precision machined for highly accurate operation then chrome plated for wear protection.

Base units are supplied with one set of Rockport type Drum Cutter Blades and a standard set of blade spacers. Standard fixed vane drum may be replaced with optional configurations including variable height screw-adjust or faster acting cam adjust models.

OPERATING FEATURES:

- No mandrels are required.
- High-Speed operation processing 1" dia. tubes up to 72 sticks per minute.
- Long blade life.
- Magazine ramp feed.**

Machine Features:




- Hard chrome wear surfaces.
- Completely prewired.
- Integrated dust collection ducting.
- Compact design.
- Low maintenance.
- Variable speed drum rotation up to 6 RPM.
- Three drum configurations available:
 - Fixed.
 - Screw Adjust.
 - Cam Adjust.



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**Optional feed system includes constant in-feed conveyor with integrated feed ramp and interlocking high capacity tube cart.

MACHINE SPECIFICATIONS

	Model 255	Model 320	Model 500
Stick Length	27" (685cm)	34" (864cm)	52" (1,320cm)
Useable Length	25½" 648cm)	32" (813cm)	50" (1,270cm)
Tube Diameter	¼" to 1" (6.35-25.4mm)	¼" to 3" (6.35-77mm)	¼" to 3" (6.35-77mm)
Cut Accuracy	± .005" (.13mm)	± .005" (.13mm)	± .005" (.13mm)
Blade Diameter	8" (204mm)	10" (254mm)	10" (254mm)
Floor Space	48" x 24" (1.2 x .6m)	48" x 60" (1.2 x 1.5m)	48" x 72" (1.2m x 1.8m)
High Precision Rockport Drum Cutter Blades.			
	120-Modified Tooth	120-Standard Tooth	192-Standard Tooth



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