

## FIBRE DRUM PACKAGING

The Grotnes 500 series winder produces a fibre tube by convolutely winding kraft liner board onto a mandrel while glue is being applied to each layer. The machine includes a Roll Payoff Stand and Dancer Rolls with a device for automatically regulating the web tension on the kraft roll; a Curler/Decurler for regulating the curvature of the kraft; Feed Rolls for feeding the web to the mandrel; a Cutter for cutting the web; a Glue Applicator for applying glue to the inside of each ply after the first wrap; a Mandrel Drive Stand; a Mandrel Rider Roll for applying pressure on the tube as it is being wound; and a Vacuum System for holding the kraft onto the mandrel during the first wrap.



WINDER



TUBE CUTTER

This machine is used to trim the ends of a tube and cut it into a number of sections. A hardened steel mandrel is provided which is supported during the cutting cycle by an outboard bearing.

### TUBE SEAM HEAT SEAL

This manually operated fixture is used to apply seam seal film to the inside seam of a wound fibre drum and apply pressurized heat to activate and seal the film.



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## GROOVER



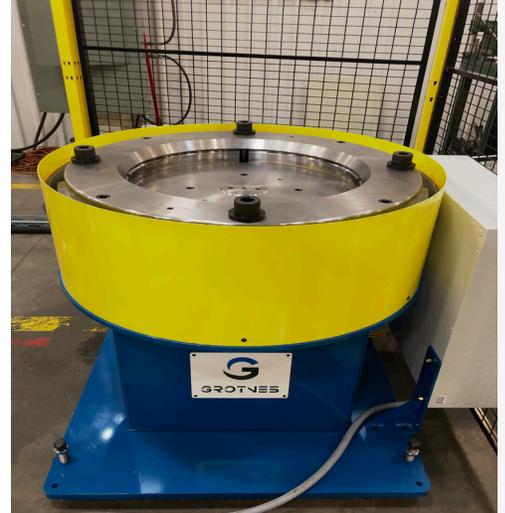
This vertical style groover utilizes two forming rolls that form the groove in the fibre tube with steel band. It includes adjustable stops and a lift table for loading and unloading.

## DISC INSERTER



The Disc Inserter is manually loaded and presses the fibre disc bottom into a fibre tube that has been grooved in previous operation. The pressure plate ensures a smooth and reliable insertion with hydraulic actuation.

## BUMP PRESS



The Top Press and Bottom Press are used to clinch a metal band to a fibre tube and clinch a metal band and fibre bottom to a fibre tube respectively.



## MANUALLY OR SEMI-AUTO LOADED FIBRE EQUIPMENT

- User friendly touch screen operation of the winder. Easily adjusted
- Quick change options are available
- Smooth hydraulic actuations
- Global service support

