

Family of High Quality Dereelers

ASG Medical Systems' family of dereelers is specially designed to work with ASG's family of tube cutters, though they can work with non-ASG machines as well. When working with an ASG machine, our dereelers take their power from the other machine (usually a tube cutter such as the 202L) and use a computer and an HMI. The computer engages the auto-stop feature when a problem presents itself (such as a jam) and sends an error message to alert the user to the problem. When used with a non-ASG machine, the computer isn't necessary and the use of a power plug comes into play.



Low Tension Dereeler (LTD)

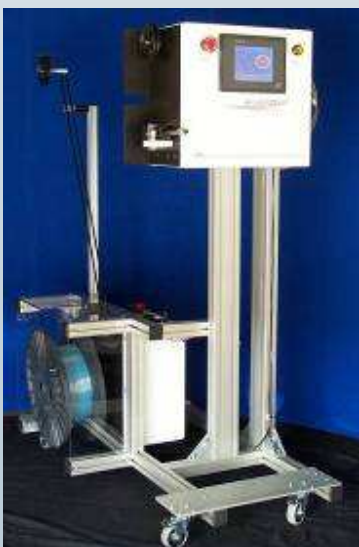
This computer controlled dereeler is designed to provide low force, constant tension payout of tubing into the 202 or 205PC for high volume, critical tolerance manufacturing operations.

It features a proportional speed controlled, low mass dancer arm, and switch selectable dual speed ranges. The all digital dancer arm control has no mechanical switches or pots to wear out, and precision ball bearing construction keeps friction extremely low. Works with ASG tube cutters or any process requiring constant low force tube feeding. The unit is torque limited for safety. It does not require any electrical connection to the companion machine.



Heavy Duty Low Tension Dereeler (HD LTD)

The HD LTD is very much like the LTD in design and function however the HD LTD can handle a much larger spool (22in diameter, 10in depth) and heavier gauge materials. A larger dancer arm also keeps the materials from having to be reverse-bent during the feed process, as some materials tend to kink during the reverse bend. Like the LTD, speed and tube tension are auto-adjusted by computer.



High Performance Dereeler (HPD)

The HPD is designed to combine excellent tension control with a responsive electronic servo drive system to provide high speed dereeling of a wide range of materials.

Typical applications include PVC tubing for blood tubing sets, and long catheter tubes. Features include adjustable tension, ESD control, and speeds up to 60 inches per second. A tube cutting system consisting of the HPD and an Accu-Cut 202 with High Speed option can cut a 68 inch part in 2.3 seconds with tolerances of 1/16 inch. Features include automatic over-torque decoupling and E-stop interlock.

All of ASG's dereelers can be modified upon request to accommodate more specific needs. Typical modifications for example include a "pedestal" type stand that allows the dereeler to be moved from the table, and stand on its own on the floor. This is very useful to those with limited table space, or for drop feeding into a cutter, which helps to limit the amount of warping to the tube during the cutting process that can take place with thinner, more flimsy materials.