

PDTC

Automatic Tube Cutter System with Self-Centering Roller Bed



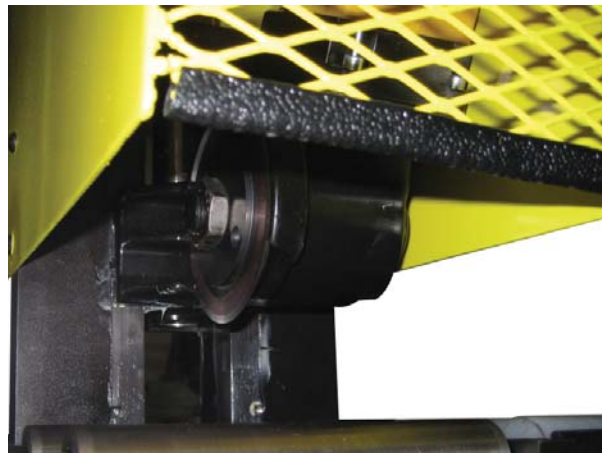
PDTC



STANDARD FEATURES

- Precision linear steel guide rails with rack and cable trays
- Carriage with hardened double ball bearings
- Magnetic linear encoder for direct measuring
- LED controller, displays in 0.001in/0.01mm (LCD available for fractional)
- Linear error compensation, 100 points
- Control stand (free standing)
- 3,000 line program memory (cut-list)
- RS232 interface with PC for cut-list downloading
- Motor brake for secure positioning
- Left or right side operation
- Accommodates tubes ranging in size from 5/8" OD to 4" OD, up to 1/8" wall thickness
- Chipless operation
- No outer burrs
- Motor-controlled down-feed for smooth, dimple-free cuts
- Dry cutting operation - no cutting fluids required

Thru-Hardened Steel Blade for Long Life



GENERAL SPECIFICATIONS

- Travel speed: 15in/sec, others available upon request
- Repeatability: +/- 0.001in (+/- 0.03mm)
- Encoder accuracy: +/- 0.001in/ft (+/- 0.1mm/m)
- Total length: measuring length + 24in
- Power requirements: 110VAC, 30 amps

ACCESSORIES

- Blades specifically designed for cutting copper, steel, and stainless steel

OPTIONS

- Onsite installation and training
- Customized features per each unique application

Self-Centering Roller Bed



Safety Guarding Around Cutting Blade



Optional Material Hold-Downs

