



Accu-Cut CT

Automated Tubing Cutter with Caterpillar Drive

The Accu-Cut CT Automated Tubing Cutter with Caterpillar Drive, based on the Accu-Cut 202L, is designed for applications that demand high traction and high power indexing. Ideal for materials up to 1/2" including silicone, heat shrink tubing, PVC, TPE and latex, this machine offers clean, square and precise cuts on short or long lengths. Many additional features are available to accommodate application needs.

Key features

- Delivers accurate lengths on a wide range of materials
- Fast, repeatable setup includes changeable belt drive guides
- Optional CleanAir Deionizer reduces static and provides easier handling
- Thoroughly developed for heavy bodied and slick materials
- Many customization options and integrations are available

Specifications

- **Rate:** 120ppm
- **Speed:** 20"/second (51cm/second)
- **Standard deviation:** .001" (.025mm)
- **Repeatability (+/-):** .005" (.13mm)
- **Design annual usage:** 8 million cycles
- **Cut length range:** .050-300" (1.27-7620mm)
- **Length handling range:** 5-1000" (13-2540cm)
- **OD handling range:** 0.100-0.500" (2.54-12.7mm)
- **Power:** 100-240VAC at 50/60Hz
- **Air:** 70-120psi
- **HMI:** 7" full color LCD touchscreen
- **Dimensions: (standard machine):** 14" x 20" x 14.5" (35.6 x 50.8 x 36.8cm)
- **Weight (standard machine):** 50-60 lb. (22.7- 27.2kg)
- **Storage and operation environment:** 50-100° Fahrenheit and humidity of less than 60% (10-38° Celsius)
- **Warranty:** 1 year
- **Certifications:** CE optional; safety cover and interlocking switch standard
- **Blade types:**
 - Lutz4320
 - Lutz 4310

Typical materials processed

- Teflon® PTFE
- Teflon® RAP
- silicone
- polyimide
- Pebax®
- PEEK
- polyurethane
- PVC (vinyl)
- latex and natural rubber
- TPE
- PET
- polycarbonate
- polyethylene
- nylon 6 and small diameter nylon 12
- Delrin® (acetal)
- polypropylene
- optical fiber
- natural suture
- synthetic suture (polyglycolide)
- small diameter glass fiber
- lead and silver bearing solder

Options

- **Auto Gap (standard):** automatically controls gap height for precise processing
- **Auto Load:** detects incoming part and starts process
- **Input guide:** helps guide part into Auto Load
- **Encoder wheel spare:** recommended; one encoder wheel is included with machine
- **CleanAir Deionizer:** eliminates static to allow for easier part handling
- Air conveyor
- **Micro-bin bag loader:** recommended for parts up to 30cm in length
- **Micro-bin jar loader:** laboratory-grade plastic jar with screw-on cap
- **Micro-bin tube loader:** recommended for parts up to 12" in length
- **Scrap Eject System:** automatically separates scrap ends
- **Stainless steel output bin:** holds parts up to 60" in length
- **Alcohol dispenser:** provides smooth feeding of silicone, PVC, polyurethane, Pebax® and other similar materials
- **High resolution:** ensures a standard deviation on short parts of 0.003" or better
- **Recipe Database System:** eliminates errors in machine set-up
 - **Barcode scanner:** allows for effortless, error-free machine set-up when used with barcode identification sheet
- **Foot switch:** makes cut when pressed
- **PEEK processing:** provides adjustable blade damping for smooth cuts on tough plastics, including PEEK and polycarbonate
- **Sequencing option:** allows for up to 48 programmable cuts in a sequence
- **Takeaway option:** cuts next part when a part is removed from machine output
- **Tip reference sensor:** uses a laser comparator to identify diameter change and accurately reference cut location
- **220VAC:** voltage option if required by CleanAir Deionizer
- **CE mark:** includes safety guard over blade

Options (continued)

- **Dual Feed System:** utilizes a rotating mount to provide precise alignment and easy changeover between an Accu-Feed CPF and Accu-Feed LTD to an Accu-Cut
- **Printer integration:** includes software and testing
- **Stand:** high-quality, aluminum-extruded stand allows for precise alignment between a cutter and feeder; can be outfitted with wheels for easy maneuvering
- **Wheels:** swiveling, locking polyurethane wheels provide easy maneuverability for mounted machines

Scan the QR code for more information

