

# SYN·E·O

the medical device solutions company



## Accu-Cut CT-XL

Automated Large Tubing Cutter with Caterpillar Drive

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## Overview

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The largest Syneo tube cutter, the Accu-Cut CT-XL Automated Large Tubing Cutter with Caterpillar Drive, employs top and bottom drive belt drive technology, in addition to a large wheel indexer, to bring extra-large tube cutting capability to materials up to 1". The CT-XL can be paired with the Accu-Feed LTD or an automated loop controller and air bearing carousel to pull coiled material. It can also be integrated with an extruder for on-line cutting. Its full-color LCD touchscreen provides superior control and ergonomics, enhanced by the optional Recipe Database and barcode reader.

## Key features

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- Precise, square cuts on large tubes up to 1" in diameter
- Can handle both small and large tubes
- Double belt plus wheel drive for high traction and delicate handling
- Direct encoder length measurement
- Rapid changeover with low cost blades

## Specifications

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- **Rate:** 60ppm
- **Speed:** 20"/second (51cm/second)
- **Repeatability (+/-):** .010" (0.25mm)
- **Design annual usage:** 5 million cycles
- **Cut length range:** .200-300" (5.08-7620mm)
- **Length handling range:** 5-1000" (13-2540cm)
- **OD handling range:** .250-1" (6.35-25.4mm)
- **Power:** 100-240VAC at 50/60Hz
- **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):** 60-70 lb. (22.7-31.8kg)
- **Storage and operation environment:** 50-100° Fahrenheit and humidity of less than 60% (10-38° Celsius)
- **Warranty:** 1 year
- **Blade type:**
  - Lutz 2"

## Typical materials processed

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- 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

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- **Auto Gap:** automatically controls gap height for precise processing
- **Encoder wheel spare:** recommended; one encoder wheel is included with machine
- **Alcohol dispenser:** provides smooth feeding of silicone, PVC, polyurethane, Pebax® and other similar materials
- **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
- **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
- **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
- **Vertical mount:** mounts machine so that final parts may be dropped into bag
- **Wheels:** swiveling, locking polyurethane wheels provide easy maneuverability for mounted machines
- **Certifications:** CE safety cover and interlocking switch standard

Scan the QR code for more information

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