

Cut-Coil-Band machine

CCB & CCB PLUS

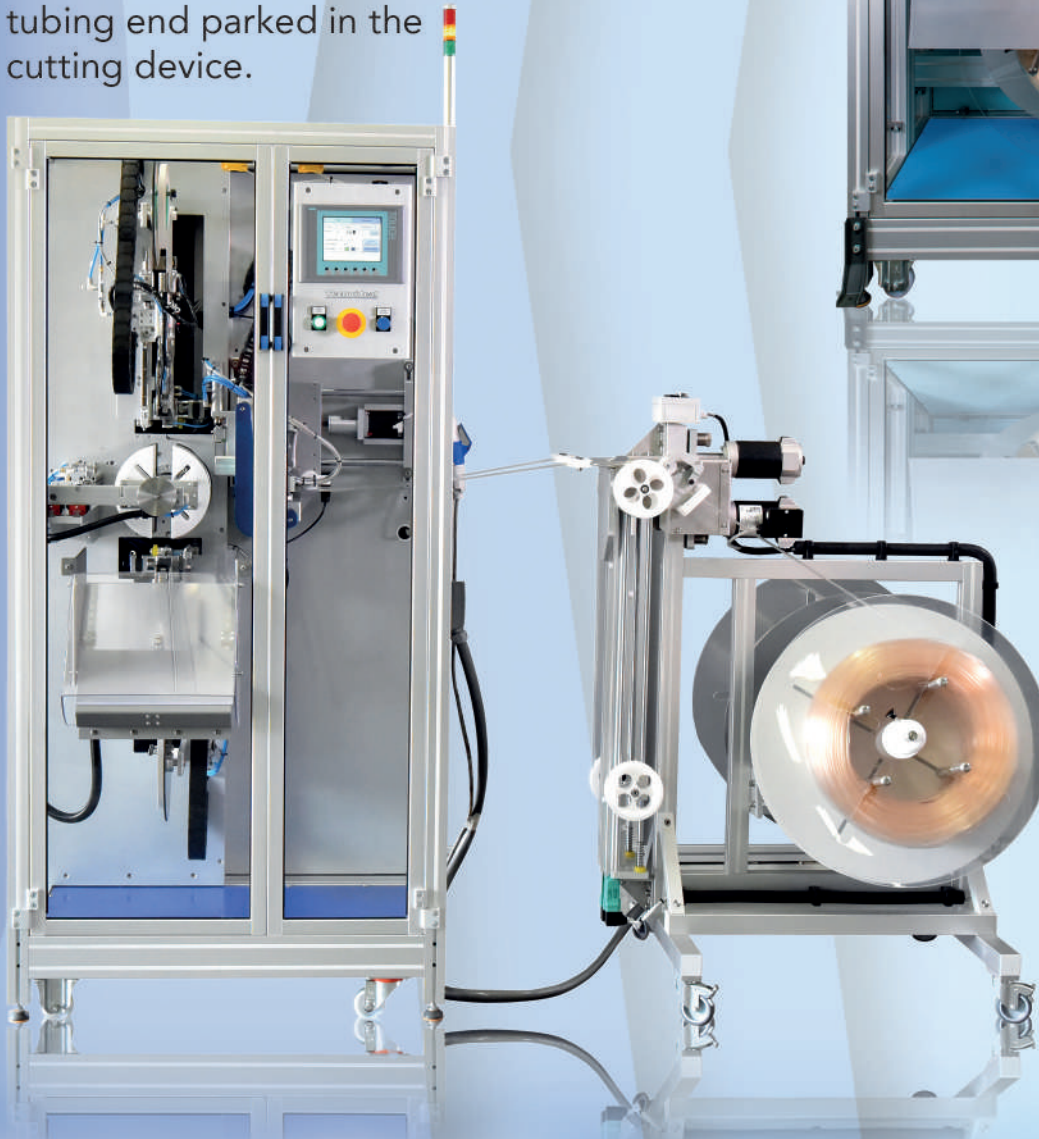
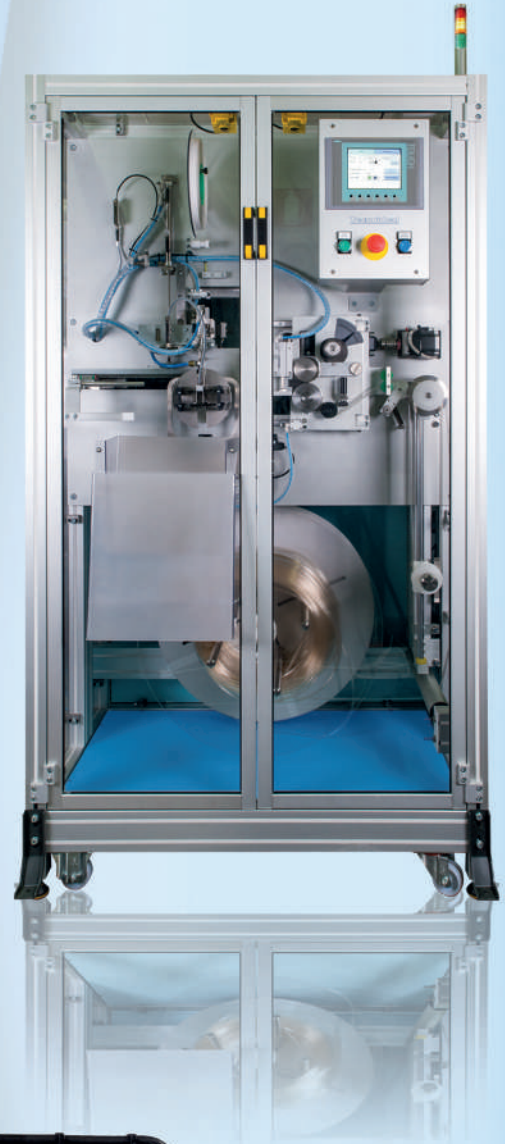
The CCB is an automatic machine designed to CUT tubing from reels, COIL and BAND it with cohesive tape.

CCB

Reel of tubing is loaded onto the machine reel holder

CCB PLUS

The tube is supplied by an external motorized uncoiler with two tubing reel positions and automatic change reel: when a coil ends, the machine automatically starts to use the second one, with the tubing end parked in the cutting device.

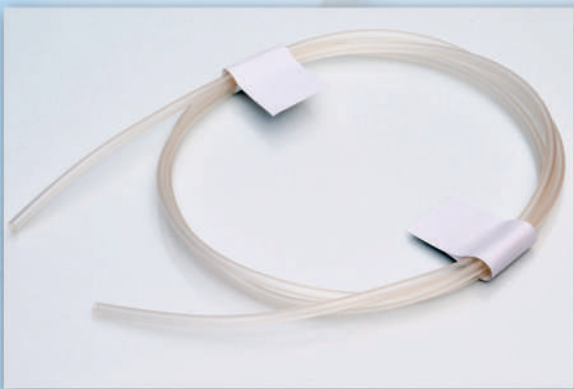


CCB & CCB PLUS

CUT tubing from reel .Required cut length is set on the machine control panel. At each working cycle the machine will cut the tubing at the preset length.

COIL before the cut, the piece of tubing is coiled at the dimensions and for the number of turns set on the machine control panel. Position and length of the free tubing ends can also be programmed.

BAND a piece of cohesive tape is cut directly from reel at the required length, then wrapped around the coiled tubing in one of the 3 modes available. The finished product is then automatically discharged into a collection bin.



The machines productivity can vary depending on product specifications such as:

- Tubing length
- Coil configuration, with 1 or 2 paper bands
- Length of free tubing ends

According to our experience we can say that CCB productivity is in the range of 400-600 pcs/ hour (approx.); CCB PLUS productivity is in the range of 450-750 pcs/hour (approx.)

CCB & CCB PLUS

TECHNICAL FEATURES AND PRODUCT SPECIFICATIONS

	CCB	CCB PLUS
Product Code	98156	98187

PRODUCT SPECIFICATIONS		
Tube OD	2.5 to 6 mm	4.1 to 9.54 mm
ID of coiled product	70 to 110 mm	90 to 230 mm
Length of free tubing ends	80 to 120 mm	1 st 160-200mm 2 nd 100-250mm
Maximum Length of cut tubing	Up to 4 meters for small tubing as 2.5 mm (OD) Up to 2 meters for tubing OD of 6 mm	Up to 30 meters for tubing OD of 4 mm Up to 3 meters for tubing OD of 9.54 mm
Cohesive Tape width	13 mm	13-19-25 mm
TECHNICAL FEATURES		
Power Supply	115 Vac 60 Hz / 230Vac 50Hz	
Maximum Electrical Consumption	400 VA	
Air Supply	Min. 5 bars – max 10 bars	
Maximum Pneumatic consumption	250 nl/min	
Dimensions of tubing reel	for spoolless tubing from 140 mm to 400 mm of inner diameter and up to 500 mm of outer diameter. To use spooled tubing a customized accessory is needed.	
Resident Memory	30 different programs can be stored	
Batch quantity	From 1 to 99,999 coils	

CCB & CCB PLUS

GENERAL FEATURES

Maximum coiling / uncoiling speed and motor acceleration ramp adjustable to meet any cutting and productivity requirements.

Password protection for machine settings.

Pre-selection of positioning of the free tubing ends on the coiled tubing and number of turns for the coil (with display of the corresponding actual tubing length in millimeters).

Independent adjustment of the length of the two free tube ends.

Pre-selection of the type of banding and length of cohesive tape band.

In-progress counter read-out of actual number of coils completed and preset batch quantity.

Display of the average productivity (based on the production lot), in pieces per hour
3-color Light Signaling System on the control panel for indication of machine status (red = alarm, yellow = stand-by, green = working).

Acoustic signal on reaching the preset batch quantity or for alarm conditions.

Customized bushings allow cutting of tubes of different diameters and / or materials.

PLC controlled machine, including diagnostic and safety systems.

Additional door-lock system to prevent doors from opening when the machine is running.

Advanced technical construction, oil-free pneumatic system, and components of the highest quality and reliability to ensure suitability for use in clean rooms.

