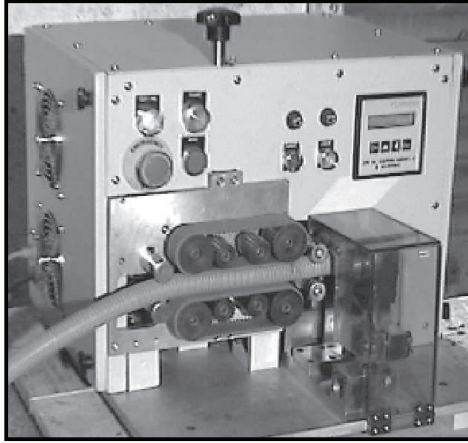


## **Automatic Cutting machine for Corrugated Tubes: CTO Corr**

M/s 'Machine maker r.s.' have developed and manufactured Cutting machine for Corrugated tubes. It is useful for pre-slit as well as un-slit PVC corrugated tubes.

**The machine uses a specially developed unique cutting mechanism and belt feeding system. Both these ensure that the hollow tubes do not collapse during feeding or cutting.**

This machine is tabletop, user-friendly, and automatic. It is available with **Microprocessor controls**. A simple and smart keypad and display is used for setting the length, target quantity, batch qty etc. It comes with in-built production counter, which indicates the number of cuts taken.



**The standard machines can cut corrugated tubes from 5mm diameter to 32 mm dia. It can cut around 2000 tubes of 100 mm length per hour.**

**The machine cuts tubes within  $\pm 2$ mm accuracy and gives a good cut.**

**The machine works on single phase electric supply and 5 bar pneumatic supply.**

### **Performance Range**

Tube Type	<b>Corrugated Tubes: from 5mm dia to 32 mm dia.</b>
Length Selection	Standard range: 5 mm to 9 meters, in steps of 1mm; You will have to ensure knot-free supply of tube to machine.
Accuracy	+/- 0.3% (min. +/-2mm )
Changeover setting time	4 minutes typically.

### **Technical Data**

Mechanical system	Rugged machine with precision mechanical system
Electronic system	Separate electronic control with PLC and drives
Tube feed system	1 stepping motor with 2 feed belts, variable speed
Cutting system	Pneumatic Cylinder and Solenoid Valve With Simple cutter. Uses standard blade available in stationery shops
Length Measurement system	Directly by stepping motor control
Power	220V / 50 Hz, other options upon request
Compressed air	5 to 6 bar, 25 lpm (0.5 hp compressor)
Dimensions	450mm X 450mm X 435mm(h) , approx

### **Production Speed\*\*:**

<b>Length</b>	<b>100 mm</b>	<b>500mm</b>	<b>1000mm</b>
<b>Output</b>	2000/Hr	1200 /Hr	1000/Hr

\* Speed for 5 mm Corr-tube

**Voltage servo-stabilizer (2KVA) or CVT (1KVA) is must. Proper earthing is essential.**