

CORRUGATION TUBE CUTTING (CT – 999PLUS)

Sai Paradise Machine Tools



Overview

Sai Paradise Corrugated tube cutting machines of the CT-999 plus series offer absolute precision with the cut on the crest of the corrugation. All types of corrugated tubes – Slit, unlit, re-sealable or with muffs are cut reliably and precisely. The corrugated tubes are used for protecting cables and wiring harnesses.

It is special for cutting the corrugated tube with long length and high in precision. It is designed by belt traction using displacement sensor, actively respond to the tube feeding, transport actively to achieve high accuracy. It is the priority option for high – end customers in the industries of automobile wiring harness, new energy harness, aerospace, power train, urban rail transit, high voltage cabinet and etc.

Features

1. For Corrugated tube from 4.5mm to 40mm outer dia
2. Tub cut for precise cutting on the crest and short cutting times
3. Quick- change system for all guides
4. Belt feeding as standard
5. Freely programmable rotary cutting module (blade rotation speed, and blade advance cutting depth) for processing of corrugated tubes

Applications

Wire harness industry, soft hose cutting, PVC & rubber washer cutting, PVC rubber tube cutting, high voltage cabinet, home appliances industries.

Technical Details

Operating Interphase	HMI (Touch Screen)
Minimum Tube Outer Dia	4.5 mm
Maximum Tube Outer Dia	28.0mm
Maximum Feed Rate	1.0 meter per second
Pulling force	200N
Maximum length	1mm to 9999 mm
Length Increment	0.1mm
Length Accuracy	±0.5MM (L x 0.02%) Depends on the materials
Programme memory capacity	Upto 100 no's with all processing parameters
Noise Level	< 70 db
Power	2.0 KW
Power Supply	230 to 240V (50/60 Hz) (optional 110V)
Dimensions (L x W x H)	450 x 500 x 700 mm
Net Weight	200 kgs
Output Range (approx)	4800 nos per hour at 100 mm length and single line feed (depending on materials)