

SLEEVE CUTTING MACHINE (SL-300)

Sai Paradise Machine Tools



Overview

The set up and operation of SL-300 is managed through the use of electronic counters, the PLC based controls and touch screen (HMI) with hybrid stepper motors. Material guides are easily adjusted for different applications requirements.

Multi materials guides are also available to feed more than one material source for more productivity. Additional design features includes a durable roller feed system and strong cutting mechanism designed for long life and continuous operations.

Features

1. Durable and robust design for longer life
2. Multiple material guides for more productivity
3. Easy program settings and operations
4. Fast and hassle-free transport system
5. All electric operations
6. Low power consumption
7. Less wastage
8. High accuracy
9. Inch mode option to set the corrections

Applications

SL-300 is an automatic measuring and cutting machine. It will process flat and round materials including of wires, cables, tubes, sleeves, tapes, labels and screens and so on in PVC, heat – shrink, rubber, Teflon , fiber glass, flat ribbon cables, nylon materials to name a few.

Technical Details

Maximum material width	280.0 mm
Maximum Tube Outer Dia	280.0 mm
Maximum Cable Outer Dia	10.0mm
Maximum Tube Thickness	6.0mm
Maximum Feed Rate	1.0 meter per second
Pulling force	300N
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	500 watts
Power Supply	230 to 240V (50/60 Hz) (optional 110V)
Dimensions (L x W x H)	450 x 450 x 600 mm
Net Weight	50 kgs
Output Range (approx)	3000 nos per hour at 100 mm length and single line feed (depending on materials)
Operating interphase	HMI (Touch Screen)