

# CABLE CUTTING MACHINE (HDC – 180)

## *Sai Paradise Machine Tools*



### Overview

The setup and operations of the HDC-180 is performed through the use of electronic counters, and PLC based controls and touch screen (HMI) with servo motors. Material guides, tubes and cutting blades are easily replaced for different applications and requirements.

Additional design features include 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

HDC-180 is an automatic measuring and cutting machine. It will process flat and round materials including 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. It is specially designed for to cut the battery cables and higher grade materials.

## Technical Details

Operating Interphase	HMI (Touch Screen)
Maximum Tube Outer Dia	25.0 mm
Maximum Cable Outer Dia	20.0mm
Maximum Cable Size	120 sq mm
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	2000 watts
Power Supply	230 to 240V (50/60 Hz) (optional 110V)
Dimensions (L x W x H)	450 x 500 x 700 mm
Net Weight	120 kgs
Output Range (approx)	2000 nos per hour at 100 mm length and single line feed (depending on materials)