

CUTTING, STRIPPING & CRIMPING – (CRIMP CENTER – 1)

Sai Paradise Machine Tools



Overview

The Cutting, Stripping and Crimping Machine – Crimp Center – 1 is a fully automatic crimping machine for one side crimping process. It has design capabilities for maximum speed and flexibility, high precision and quick changeover, and long term durability. Various applications are easily processed as per the requirements.

This Crimp Center – 1 helps save and restore the programs upto 99 types for quick product selection to avoid the delay in programme. This machine displays the problems that it is

facing and tells you the root cause of the problem too. This will facilitate you to troubleshoot the problem in a quick short time.

Features

1. Integrated Crimp force analyzer
2. Force Sensor indicates the actual force after every stroke
3. Wire run out sensor
4. Sensor for indication of loss or pressure
5. Wire jam sensor
6. Less changeover time
7. Short and easy setup time
8. Upto 99 programs data restore to quick selection
9. Very low and negligible maintenance

Applications

It is used in Wire harness industries, Automobile industries, Home appliance industries, Control panel manufacturing industries.

Technical Details

Wire Range	AWG#14 – AWG#32, 0.30 sqmm – 2.0 sqmm
Applied wire	PVC electronic wires, mini Teflon
Cutting length	60 mm – 9999 mm
Cutting precision	$\pm (0.1 + 0.05 \times L)$ mm
Stripping length	1.0 – 9.0 mm
Twisting length	3.0mm – 9.0mm
Crimping force	20KN
Power Supply	220V 50Hz. Single phase
Power	2.35 Kw
Air supply	0.5 Mpa – 0.7 Mpa, 6m ³ /h (Dried air)
Weight	about 220 Kgs
Dimensions (L x W x H)	600 x 700 x 1500 mm
Output Range (approx)	4000 nos per hour at 100 mm length and single line feed (depending on materials)