

CUTTING, STRIPPING & CRIMPING – (CRIMP CENTER – 2)

Sai Paradise Machine Tools



Overview

The Cutting, Stripping and Crimping Machine – Crimp Center – 2 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 – 2 helps save and restore the programs up to 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	0.2 – 2.5 sqmm (AWG13 – 23)
Applied wire	PVC,PE,Teflon,Silicon and other plastic wires
Cutting length	35mm – 6500mm
Cutting precision	$\pm (0.1 + 0.05 \times L)$ mm
Stripping length	1.0 – 9.0 mm
Feeding Speed	Max 6.0 m/s
Crimping force	20KN
Capacity	3500 – 4000pcs/h
Power	0.75 Kw
Power Supply	220V 50Hz. Single phase
Air supply	0.5 Mpa – 0.7 Mpa, 6m ³ /h (Dried air)
Weight	300 Kgs
Dimensions (L x W x H)	700 x 800 x 1500 mm
Function	Double ends stripping, double ends crimping, single end half stripping, single end crimping
Detecting ability	Wire knotting, wire lacking, terminal lacking and air pressure detecting
Applicator range	Stroke 30mm
Output Range (approx)	3500 – 4000 nos per hour at 100 mm length and single line feed (depending on materials and operator skill)