

SEMI AUTOMATIC CRIMPING (HF-5000)

Sai Paradise Machine Tools



Overview

The HF-5000 is a versatile and powerful bench top crimping press. This bench top crimping press has a remarkable design for optimal ease of use and change over. This HF-5000 machine has Unique feature having an integrated LED lighting source built into the work area, which focuses on the crimp tooling for clear optimum visibility.

The terminal reel bracket allows for quick change from side to end feed terminal reels. The HF – 5000 also includes a standard pneumatic feed kit for operation of air – feed applicator.

The efficient electronic control operates on 220V single phase power and features both a forward and reverse jog mode for set-up and resetting of the crimping unit. A heavy duty version is also available for more demanding crimping applications. The optional crimp force monitor provides for quality monitoring of each crimp.

Features

1. High Quality Precision Bench Top Crimping
2. Forward and Reverse Jog Mode
3. Built in Light Focused on Crimping Tooling
4. Easy Opening Safety Guard and Quick Release Base (Optional)
5. Integrated Pneumatic Feed System
6. Optional Crimp Force Monitor Available
7. Quick – change applicator base plate
8. Quick – change terminal guides for changing between side & rear feed terminals
9. Counters for lot size, batch size and total machine cycles
10. Variable press cycle speed for difficult applications
11. Jogging function (left / right) with home position display
12. Automatic home position function
13. Fine adjustment of crimping height (micro – adjustment)
14. Strong steel, machined base and frame
15. Pneumatic valve attachment to feed the air feed applicator

Applications

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

Technical Details

Operating interphase	Membrane Keypad
Counter	Digital
Maximum sheet Thickness	1.20 mm
Crimping Force	50 KN (11000 Lbs)
Wire Size Range	Upto 5AWG (16.0 sqmm)
Power	2.3 watts
Power Supply	230 to 240V (50/60 Hz) (optional 110V)
Stroke	30.0 mm Fixed or 40.0 mm Fixed
Shut Height	135.78mm or 158mm
Noise Level	< 70 db
Counter	Digital
Crimp Height Adjustment	± 0.25mm in increment (approx)
Cycle Time	≤ 1.3 Sec
Operation Mode	pedal
Dimensions (L x W x H)	500 x 410 x 1100 mm
Net Weight	175 kgs
Output Range (approx)	2000-2200 nos per hour (depending on the operator skill)