

SEMI AUTOMATIC CRIMPING (HF - 10000)

Sai Paradise Machine Tools



Overview

The HF-10000 crimping press has been specifically designed to crimp very big-section wires. It also handles battery cables processes upto the pressure of 10 tons and above. Its design capabilities are unique and built for optimal ease of use and changeover. This HF-10000 is a versatile powerful crimping press and comes with the robust mounting table assembly in the plug – and – use manner.

This HF-10000 is also integrated with unique features like LED lighting source built into the work area which focuses precisely on the crimp tooling for maximum visibility. Its terminal reel bracket allows for quick change from side to end feed terminal reels.

The HF-10000 also comes with a standard pneumatic feed kit for operation of air – feed applicator. The efficient electronics control operators on 220V single phase power, and it features both a forward and reverse jog mode for set-up and resetting of the crimping unit.

Features

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

16. Integrated pneumatic feed system

Applications

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

Technical Details

Operating interphase	PLC interface with HMI (Touch Screen)
Maximum sheet Thickness	2.5 mm
Crimping Force	100 KN (22040 Lbs)
Power	7.5 Kw
Power Supply	440V, 6A, 50/60 Hz, 3ph
Stroke	40.0 mm Fixed (1.57 inches) or 50.0 mm Fixed (1.96 inches)
Shut Height	158mm or 190mm
Noise Level	<40 DBA, idle, < 70 DBA crimping
Counter	Digital
Height Adjustment	± 0.25mm in increment (approx)
Cycle Time	Upto 2 sec
Operation Mode	pedal
Dimensions (L x W x H)	1000 x 1900 x 900 mm
Net Weight	450 kgs
Output Range (approx)	2000-2200 nos per hour (depending on the operator skill)