

SEMI AUTOMATIC CRIMPING (HF - 8000)

Sai Paradise Machine Tools



Overview

The HF-8000 is a versatile and powerful bench top crimping press. This dynamic bench top crimping press is uniquely designed for optimal ease of use and change over. This HF-8000 unit features an integrated LED light source built into the work area and focused on the crimp tooling for optimal visibility.

The terminal reel bracket allows for quick change from side to end feed terminal reels. The HF-8000 also includes a standard pneumatic feed kit for operation of air – feed applicator.

The robust electronic control operates on 440V three phase power. It also features both a forward and reverse jog mode for set – up and resetting of the crimping units. 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	PLC interface with HMI (Touch Screen)
Maximum sheet Thickness	1.20 mm
Crimping Force	80 KN (17630 Lbs)
Power	3.75 Kwatts
Power Supply	440V, 6A, 50/60 Hz, 3ph
Stroke	30.0 mm Fixed or 40.0 mm Fixed
Shut Height	135.78mm or 158mm
Noise Level	<40 DBA, idle, < 70 DBA crimping
Counter	Digital
Height Adjustment	± 0.25mm in increment (approx)
Cycle Time	≤ 1.0 Sec
Operation Mode	pedal
Dimensions (L x W x H)	300 x 300 x 450 mm
Net Weight	25 kgs
Output Range (approx)	3500-4000 nos per hour (depending on the operator skill)