



CT 150 **Hydraulic Crimping Machine**

- Touchscreen interface for easy programming
- Programmable stop positions for increased productivity
- Integrated crimp monitoring and user authorization
- Flexible platform accommodates a range of applications
- Variety of crimp dies and adapters
- Quick-change die adapters

CRIMP

CT 150

Application

The CT 150 hydraulic crimping press offers power, efficiency, and precision for heavy gauge, loose-piece crimping applications. Its parallel crimping action delivers up to 150 kN (16.9 tons) of force for applications for open barrel, closed barrel and heavy duty, 4-indent crimping applications. Throughput is optimized by simultaneously minimizing the travel of the crimping head and an increased closing and opening speed. The full-cycle mechanism coupled with the integrated crimp monitor ensure high quality output to adhere to even the most demanding specifications.

System Capabilities

The CT 150 features a touchscreen display for fast, simple programming and memory for up to 100 different jobs. The terminal hold capability promotes higher quality to ensure the connector is properly positioned and lets the operators move their hands from the crimping area.

The quick-change system allows for fast changeover times between a variety of optional die adapters. An array of crimp shapes and sizes are available to meet your applications. User access levels ensure that only those authorized can make changes to job or quality information. System diagnostics provide feedback to aid in trouble shooting and resolving issues quickly. Due to its open construction, a variety of crimping or pressing applications can be handled on this powerful, yet relatively compact press.

Features

- Faster cycle rates than traditional hydraulic units
- Touchscreen interface
- Integrated crimp monitoring
- 3 programmable stop positions increase productivity
- Full-cycle mechanism ensures dies close completely before opening
- Ergonomic 15 degree tilt provides clear view of work area
- Large work surface suitable for standard dies or custom applications
- Integrated LED work light for added visibility
- Electronic piece counter
- Easy foot pedal operation
- Quick-change die adapter system
- System diagnostics
- User authorization and access levels
- Ethernet interface for data collection, i.e. jobs, errors, cfm, etc.

Options

- EHC 10 or U-shaped die sets
- Crimp die adapters for EHC 10 or U-shaped die sets
- Custom adapters and die sets are available on request
- Heavy duty 4-indent crimp head

Technical Specifications	
Crimping Force	150 kN (16.9 tons)
Conductor Cross-Section	Open Barrel Up to 150 mm ² (300 MCM) Insulated Closed Barrel Up to 400 mm ² (800 MCM) Non-Insulated Closed Barrel Up to 400 mm ² (800 MCM) 4-Indent Closed Barrel Up to 150 mm ² (300 MCM)
Display	Touchscreen
Units (distance / pressure / temperature)	mm or inch / bar or psi / °C or °F
Programming Increments	0.01 mm (0.001")
Programmable Stop Positions	3
Crimp Force Monitor	Hydraulic pressure / monitoring parameters and crimp profiles saved with job
Memory Capacity	100 jobs
System Feedback/Diagnostics	Error list, fluid temperature, electronics temperature, I/O status, I/O response
Remote Maintenance	Available via ethernet
User Levels	3 (2 levels password protected)
Stroke	40 mm (1.58")
Ram Speed	Down: 10 mm/s Up: 12 mm/s
Cycle Speed	Approx. 7 seconds at full stroke (without back stroke limitation)
Safety Cover	Fixed around crimping dies
Activation	Foot pedal
Interfaces	Ethernet
Noise Level	69 dB (A)
Power Supply	110/230 VAC, 60 Hz
Dimensions (L x W x H)	692 x 242 x 656 mm / 27.3 x 9.6 x 25.8"
Weight	174 kg (382 lbs) / 194 kg (428 lbs) crated
CE-Conformity	The CT 150 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important Note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.

To Be Precise.