Learn More

Manufacturer:
Schleuniger

Product Name:
Schleuniger CT 34S Pneumatic Crimping Machine

Manufacturer Part Number:
CT34S

Click here for more details on the Schleuniger CT 34S Pneumatic Crimping Machine

Schleuniger

CT 34 S

Pneumatic Crimping Machine

- Parallel crimping action
- Spring-loaded crimping head with safety function
- Full-cycle mechanism ensures dies close completely before they are reopened
- Ergonomic 15-degree tilt provides clear view of work area
- LED illuminated crimping area for accurate, fast and safe positioning of the terminal
- Electronic piece counter
- Easy foot pedal operation
- New quick-change die adapter system

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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23 Centre Street • New Bedford, MA 02740 USA

Product specifications and data are subject to change without notice. FOC last update 2/12/2026.

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Concept
The CT 34 S Pneumatic Crimping Machine is designed for loose-piece crimping applications. Its parallel crimping action delivers up to 20 kN (2.5 tons) of force for open and closed barrel applications including wire end ferrules. The quality of the crimp is guaranteed by a full-cycle mechanism that assures that the dies have closed completely before the crimp cycle stops. The ergonomic 15-degree tilt of the machine provides an optimal viewing angle and the LED light enhances visibility of the crimping area. The crimping head is spring loaded in the closed position and is opened by using the lever on the right side of the machine. When the lever is released, the dies close lightly to hold the terminal in place. The operator presses the footpedal to complete the crimping cycle. As an added safety feature, the machine will not cycle if the dies are opened more than 5.9 mm (0.23”). Due to these added safety features, safety shields are optional to increase productivity.

The new quick-change die adapter system allows for fast changeover times and lets users prepare for upcoming jobs by using additional (optional) die adapters. The CT 34 S is very simple to set up and operate. A wide range of crimping dies can be used by choosing the corresponding die adapter.

Processing Capabilities
- Crimping force up to 20 kN (2.5 tons)
- Crimp terminals onto wires up to 10 mm² (8 AWG)
- Includes one die adapter to choose from for all new Schleuniger male-fitting die sets

Options
- Custom die holders to accept other manufacturer’s die sets are available upon request
- Custom crimping die sets available upon request

Technical Specifications	
Crimping Force	20 kN (2.5 tons)
Conductor Cross Section	
Open Barrel	Up to 6 mm² (10 AWG)
Insulated Closed Barrel	Up to 6 mm² (10 AWG)
Non-Insulated Closed Barrel	Up to 10 mm² (8 AWG)
Wire End Ferrules	Up to 10 mm² (8 AWG)
Internal Working Air Pressure	6 bar / 90 psi
Crimp Action	Parallel
Maximum Stroke	6 mm (0.24”)
Ram Speed (no load)	Approximately 1 cm/s (0.39 inch/s)
Safety Shield	Not required due to the additional safety feature that prevents the machine from cycling if the dies are opened more than 5.9 mm (0.23 in).
Compressed Air Supply	6 bar / 90 psi, 2.3 l (140.4 in³) per stroke
Power Supply	110 - 240VAC (Only for low consumption LED Light)
Dimensions (L x W x H)	390 x 175 x 440 mm (15.4” x 6.9” x 17.3”)
Weight	25 kg (55 lbs)
Noise Level	< 62 dB(A)
CE-Conformity	The CT 34 S complies fully with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
RoHS-Conformity	The CT 34 S complies with the EU-Guideline 2002/95/EG (RoHS).
Important Note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.

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