Pneumatic Tubular Terminal Crimping Machine for 0.08-10mm² Wires T6-4

Model No. T6-4



SPECIFICATIONS

Pneumatic Tubular Terminal Crimping Machine for 0.08-10mm² Wires T6-4	
Crimping Range	0.08-10mm²
Output Force	1.3T
Air Pressure	0.3-0.8MPa
Dimensions	251mm*100mm*150mm
Weight	5.52kg

The T6-4 is a pneumatic crimping machine for tubular end sleeves and ferrules on 0.08 to 10 mm2 wire. It closes a hexagonal die around the sleeve with 1.3 t of output force from 0.3 to 0.8 MPa of shop air, in a 251 x 100 x 150 mm C-frame unit of 5.52 kg.

A hand crimping tool puts in whatever force the operator's grip delivers, so the same ferrule can be under-crimped at the end of a shift and over-crimped by a stronger hand, and the hex profile is rarely closed completely. Here the force comes from an air cylinder at a set pressure, so every sleeve receives the same 1.3 t and the hex die closes fully around it. The C-frame throat is guarded, and the die set sits in a round holder at the throat, so the machine can be moved between benches by its top handle and put back into service on the same air line.

It is the terminal-side unit of this group: the other machines prepare the wire, this one terminates it. It is built for tubular sleeves with a hex profile, not for insulated ring or blade terminals, which need a different die and a different crimp geometry.

Key Features

1. Crimping range 0.08 to 10 mm2, covering 0.08 mm2 control wire through 10 mm2 feeder in one machine.

2. 1.3 t output force from 0.3 to 0.8 MPa air pressure, so the crimp height is set by the regulator rather than by operator strength.

3. Hexagonal die profile closes six points evenly around the sleeve, seating it on the conductor strands all round.

4. Pneumatic actuation leaves both hands on the wire and the ferrule during the stroke.

5. C-frame throat with a guard over the die, so fingers cannot reach the closing die.

6. 251 x 100 x 150 mm and 5.52 kg with a carry handle, small enough to sit at the end of a wiring bench and be moved to another line.

Technical Specifications

Parameter	Specification
Model	T6-4
Machine type	Pneumatic tubular terminal crimping machine
Crimping range	0.08 to 10 mm2
Output force	1.3 t
Air pressure	0.3 to 0.8 MPa
Crimp profile	Hexagonal
Dimensions	251 x 100 x 150 mm
Weight	5.52 kg

Applications

— Control cabinet and panel wiring, crimping ferrules on 0.5 to 10 mm2 panel wire before it enters a terminal block.

— Machine builder wiring, terminating single and twin ferrules at the bench with a repeatable crimp height.

— Sensor and actuator leads, crimping 0.08 to 1.5 mm2 sleeves on small-device cable.

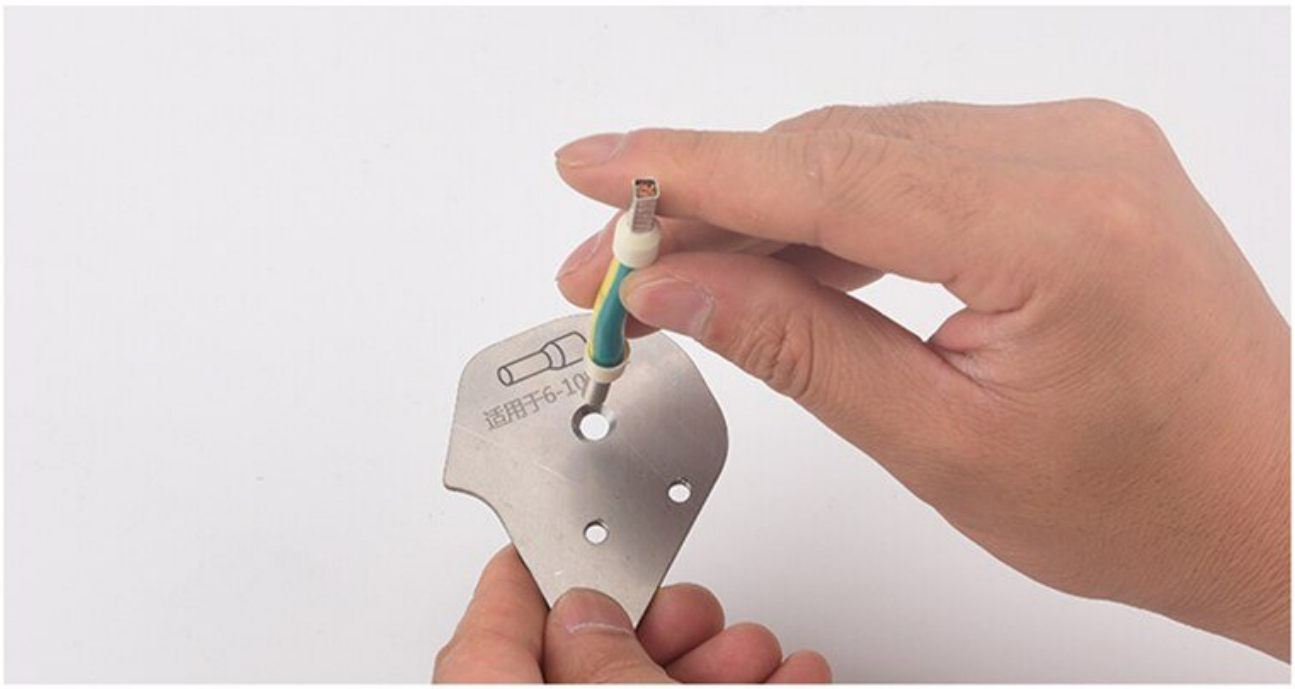
— Appliance and HVAC harness, terminating multi-core cable ends before connection.

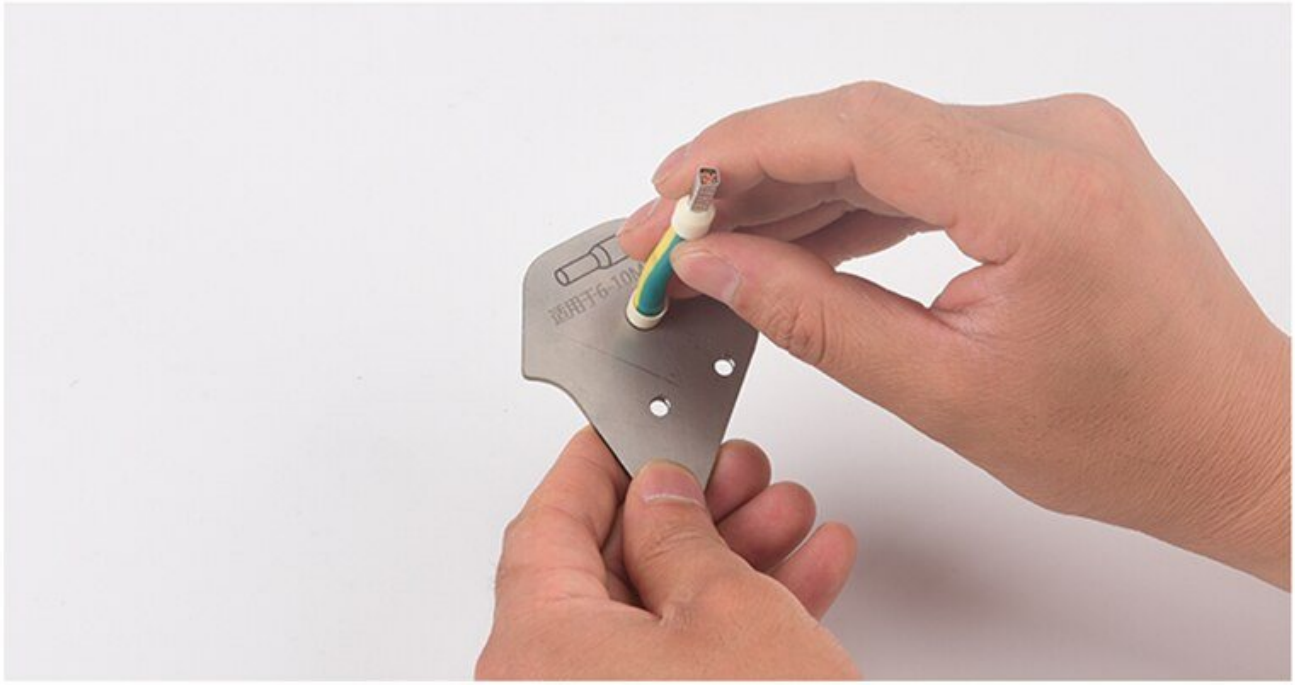
— Switchgear feeder cables, crimping 6 to 10 mm2 tube terminals where a hand tool cannot close the hex fully.

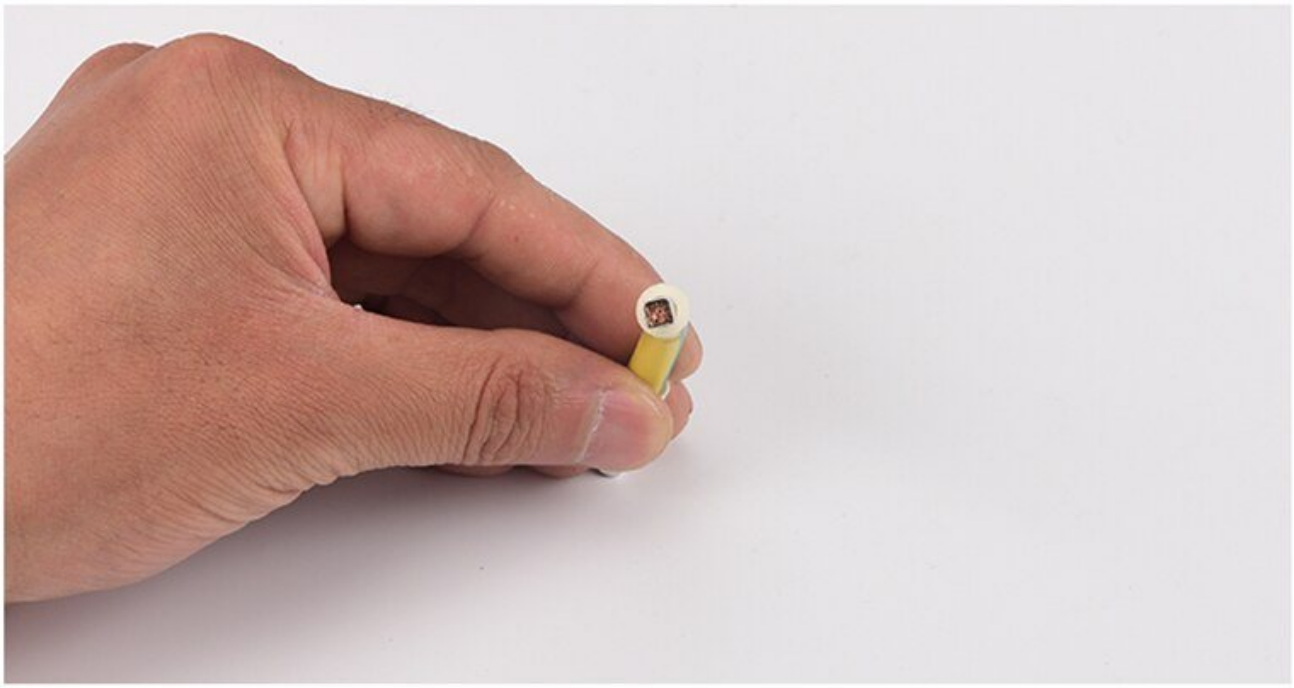

适用于空气压力: 0.5-0.7 MPa
输 出 力: 1.3T 空气压力为0.5MPa时
压接范围: 0.08-10mm²
外形尺寸: 25x10x15cm 重量: 3.9Kg

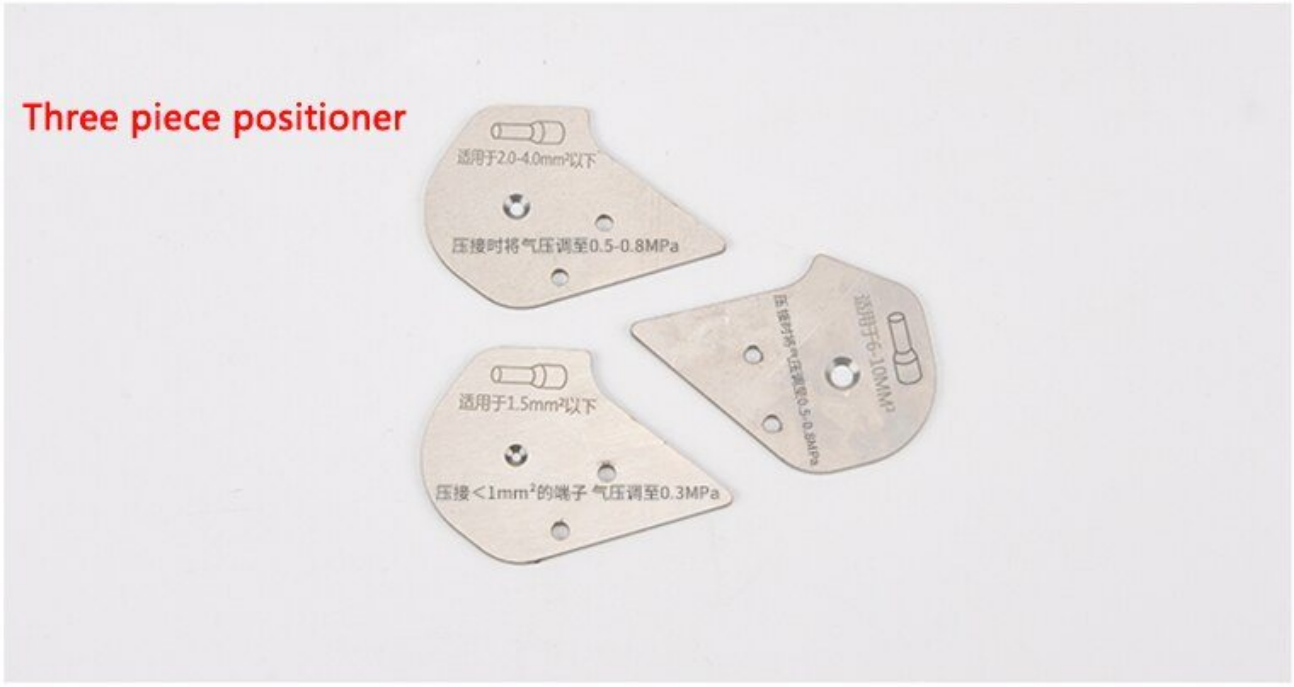


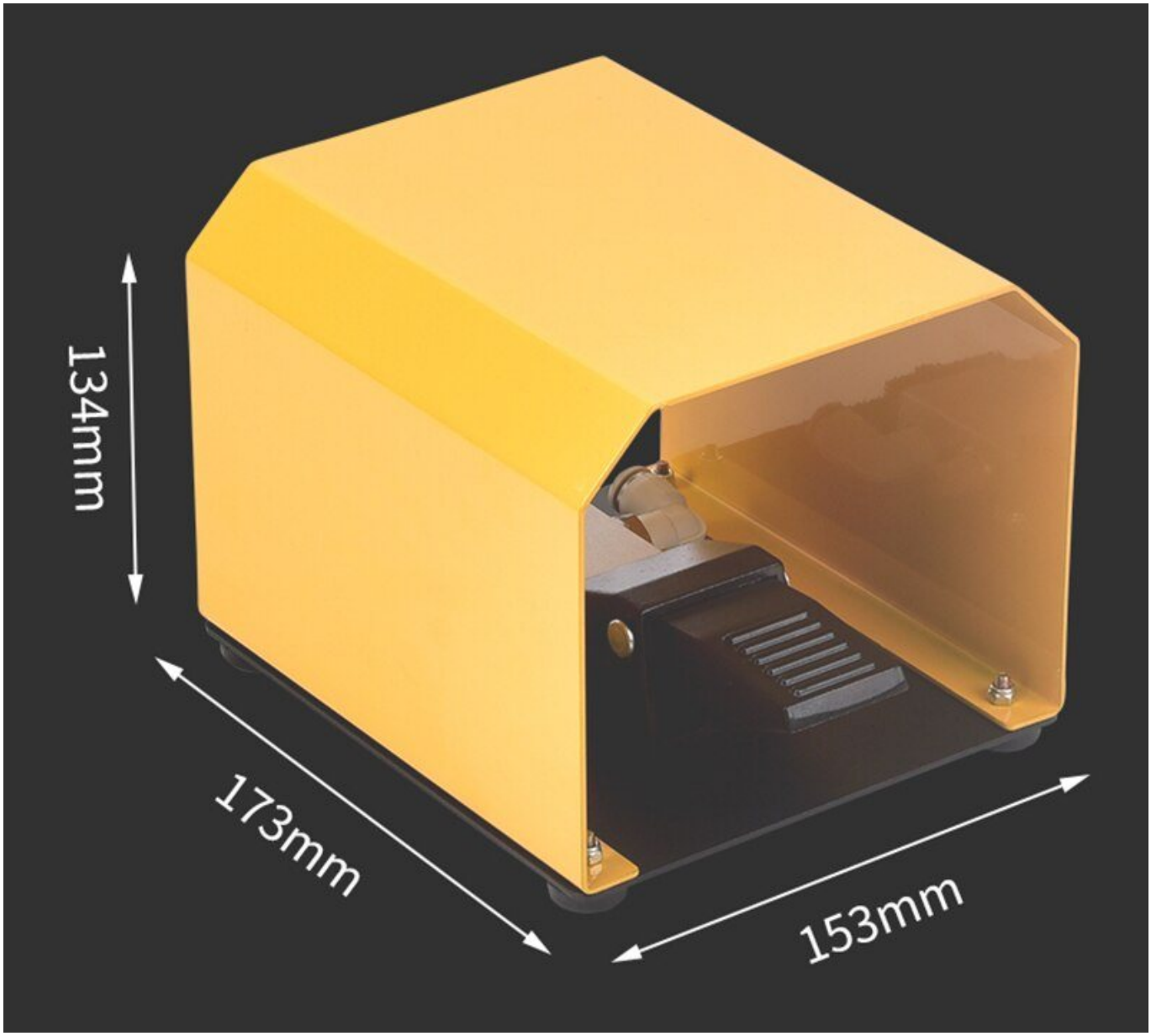









Three piece positioner
适用于2.0-4.0mm²以下
压接时将气压调至0.5-0.8MPa
适用于1.5mm²以下
压接＜1mm²的端子 气压调至0.3MPa


134mm
173mm
153mm

PneumaticTypeTerminalCrimpingMachine T6-4/ T6-6



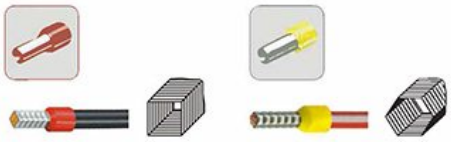


随机配置三块定位片

Pneumatic Type
Terminal Crimping Machine
气动式端子压接机

端子侧向进入
采用气压控制压力，可根据端子大小不同调节压力
适合于应用范围内所有的套管及双套管式端子
Ferrule insertion at the side of the tool
The pressure is controlled by air pressure, and the pressure can be adjusted according to the size of the terminal
For crimping insulated and non-insulated ferrules

工具参数	WPM6-4	WPM T6-6
压接范围 Crimping range	0.08-10mm²	0.25-6mm²
气压范围 Air pressure range	0.3-0.8MPa	0.3-0.8MPa
出力 Output	1.3T	1.3T
外形尺寸 Overall dimension	251×100×150mm	251×100×150mm
重量（净重 / 毛重)Weight	5.52Kg	5.8Kg



四边压接 Four-sided crimp　　六边压接 Hexagonal crimp

机器连接示意图





主机



穿入端子



踩下脚踏



压接完成

Product Images



FAQ

What wire and terminal sizes is the T6-4 Pneumatic Crimping Machine suitable for?

The Pneumatic Tubular Terminal Crimping Machine T6-4 is designed for high-precision crimping of tubular terminals (end sleeves) on wires ranging from 0.08mm² to 10mm². This broad range makes it a versatile solution for various industrial applications, from fine control wiring to more substantial power connections.

What is the advantage of the hexagonal crimping dies on this machine?

The hexagonal crimping dies create a uniform, gas-tight, and high-integrity crimp on the terminal. This shape provides superior mechanical strength and electrical conductivity compared to other crimp forms, reducing resistance and preventing wire pull-out. It is the industry-preferred standard for reliable, vibration-resistant connections in demanding environments.

What are the air pressure requirements for operating this pneumatic crimper?

The T6-4 machine operates efficiently on a standard industrial air supply between 0.3 MPa and 0.8 MPa. It generates a powerful 1.3-ton crimping force at these pressures, ensuring consistent and reliable crimps without requiring excessive energy consumption. Always ensure your air supply is clean and dry for optimal tool performance and longevity.

Is this machine suitable for high-volume production environments?

Yes, absolutely. As a high-efficiency pneumatic terminal crimper, the T6-4 is engineered for speed and consistency in industrial settings. The pneumatic operation allows for rapid, repetitive crimping with minimal operator fatigue, significantly boosting productivity over manual tools. Its robust construction ensures durability for continuous use in workshops and assembly lines.

What types of terminals or connectors can I crimp with this machine?

This machine is specifically optimized for crimping insulated and non-insulated tubular terminals, often referred to as cable end sleeves or ferrules. It is the ideal industrial crimping tool for preparing wire ends for connection in terminal blocks, connectors, and other electrical components, ensuring a professional and secure finish every time.