Pneumatic Terminal Crimping Machine 6-4 Wire Connector WPM-06M

Model No. WPM-06M



SPECIFICATIONS

Model Number	WPM-06M
Operation Type	Pneumatic (Air Powered)
Function	Multi-function terminal crimping
Control	Foot pedal operation
Portability	Portable and lightweight
Footprint	Small bench top design
Speed	10 times faster than manual crimping

The WPM-06M is a portable pneumatic crimping machine for wire terminals, built as a small bench-top unit with a carry handle. It is air powered and foot-pedal controlled, and the maker rates it at 10 times the speed of manual crimping. The die head sits at the front of the body, with the air fittings at the rear.

Hand crimp tools limit output to what an operator's grip can take over a shift, and crimp height drifts as the hand tires. On the 06M a pneumatic cylinder drives the die and the foot pedal releases the cycle, so both hands stay on the wire and the terminal and the crimp is set by the die rather than by grip force. The body carries a handle, and the footprint is small enough for the unit to be moved between benches.

It is the portable end of the pneumatic range. The WPM-20M and WPM-50L are bench-mounted units rated at 2.5 T output, the WPM-300L at 9.0 T with interchangeable dies and the WPM-5ND at 1.3 T. The 06M is the one to carry to the harness board, for terminals crimped at the point of assembly rather than at a fixed press.

Key Features

1. Foot pedal releases the crimp cycle, leaving both hands on the wire and terminal.

2. Pneumatic cylinder drives the die, so crimp height comes from the die setting rather than from operator grip.

3. Rated at 10 times the speed of manual crimping on the same terminal.

4. Carry handle on the body and a small bench-top footprint, so the unit can be moved to the harness board.

5. Die head at the front of the body with the air fittings at the rear, keeping the hose clear of the working area.

6. Multi-function terminal crimping: the press is listed for terminal work in general, with the die matched to the terminal family in use.

Technical Specifications

Parameter	Specification
Model	WPM-06M

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Machine type	Portable pneumatic terminal crimping machine
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Applications

— Control panel building: insulated ferrules crimped on panel wire.

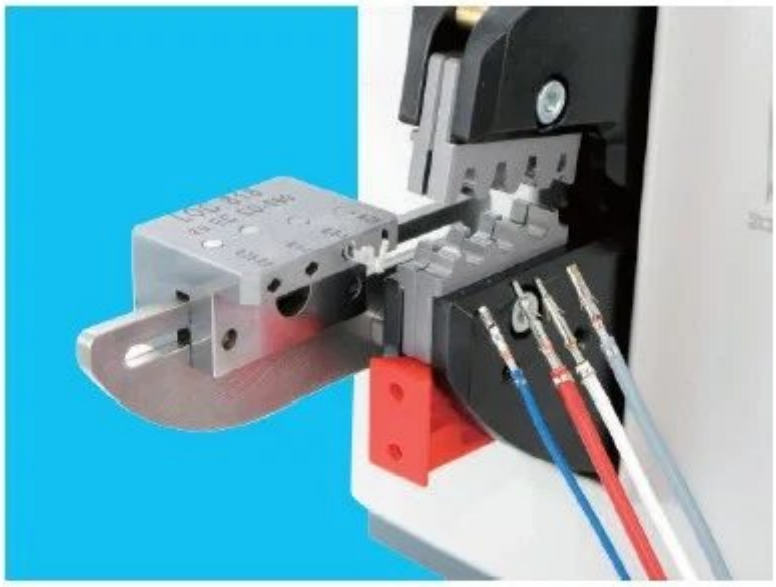
— Harness assembly: loose terminals crimped at the harness board.

— Ground leads: ring and fork terminals on braided ground wire.

— Machine wiring: tube terminals on motor and sensor leads.

— Repair bench: single terminals replaced without a fixed press.

型号	压接范围	气压范围	出力	外形尺寸	重量
Item No.	Crimping Range(mm^2)	Air pressure range(Mpa)	Output(T)	Overall Dimension(mm)	Weight(kg)
WPM -20M	0.5-16	0.5-0.8	2.0	275×128×145	6
WPM -06M	50	0.5-0.7	2.0	286×125×165	4.8



压接模具定位（可根据客户提供的端头定做定位器）
Fixed position for the crimping die sets
(Our factory can customize positioner for different terminals according to the customers' requirement.)





最大 50mm² 的管状端头 Ferrules, 50mm² max.	
最大 2x10mm² 的 TEIN 管状端头 Twin ferrules, 2X 10mm² max.	
最大 6mm² 的预绝缘 O 型或 Y 型端头 Insulated O type or Y type terminals, 6mm² max.	
最大 16mm² 的非预绝缘 O 型或 Y 型端头 Non-insulated O type or Y type terminals, 16mm² max.	
最大 10mm² 的管状接头 Tubular connector, 10mm² max.	
最大 6mm² 的插片式公、母端头 Males or females receptacles, 6mm² max.	
最大 10mm² 的 CK2.5/CK4.0 系列矩形连接器插针 Contact pin for CK2.5/CK4.0 series rectangular connector, 10mm² max.	

FAQ

What is the WPM-06M Pneumatic Terminal Crimping Machine used for?

The WPM-06M is a multi-function, air-powered crimping machine designed specifically for crimping wire terminals and connectors, particularly 6-4 type connectors. It is ideal for applications in cable harness manufacturing, electrical assembly, and any high-volume production environment where reliable, consistent terminations are required.

What are the main benefits of using a pneumatic crimping machine like the WPM-06M over manual tools?

The WPM-06M offers significant advantages: it operates approximately 10x faster than manual crimpers, dramatically increasing productivity. It completely eliminates operator hand fatigue and strain, ensuring consistent crimp quality throughout a shift. As an air-powered crimper, it delivers uniform force for every crimp, reducing errors and rework while improving workplace safety and efficiency.

Is the WPM-06M a portable or bench-top machine?

The WPM-06M is designed as a portable, bench-top crimping machine. Its compact and robust construction allows for easy placement on a workbench in a production line or workshop. This portability provides flexibility for different job sites or workstations while maintaining a stable platform for precise crimping operations.

What types of terminals or connectors can the WPM-06M crimp?

This pneumatic crimping machine is engineered for crimping 6-4 wire connectors, a common standard in electrical terminations. It is a multi-function machine, meaning it can typically accommodate a range of terminal types within its specified capacity (like insulated and non-insulated terminals) using interchangeable crimping dies. For exact compatibility with specific terminal brands or sizes, please inquire with our technical team.

Why should I choose an air-powered crimper for my cable termination work?

Choosing an air-powered crimper like the WPM-06M ensures high reliability, low maintenance, and consistent performance. Pneumatic power provides a strong, repeatable crimping force that is not subject to the variability of manual effort or the motor wear of electric models. It is perfect for continuous, high-cycle operations in industrial settings, offering durability and a lower total cost of operation for cable terminate crimping tasks.