Fully Auto 5-Wire Cutting Stripping Twisting Tinning Machine JW-CM08

Model No. JW-CM08



SPECIFICATIONS

Fully Auto 5-Wire Cutting Stripping Twisting Tinning Machine	
Efficiency (1 output 3)	32-20AWG, 2700-4000/H
Efficiency (1 output 8)	20-16AWG, 6400-10000/H
Applicable wire	AWG18-24 / AWG24-32
Cutting length	30-550mm (min.8mm, customized)
Cutting tolerance	0.2+/-0.02* Length
Stripping length	0-9mm
Twisting length	3-9mm
Tinning length	0.5-9mm
Air supply	0.5-0.7MPa
Warranty	1 Year
Place of Origin	China

The JW-CM08 cuts, strips, twists and tins both ends of flat multi-core cable or single wire, taking up to 8 wires in one pass. Output is 2,700-4,000 pcs per hour at a 3-wire output on 32-20 AWG, rising to 6,400-10,000 pcs per hour at an 8-wire output on 20-16 AWG. Cutting length runs 30-550 mm, with a minimum of 8 mm available on custom order.

Twisting and tinning by hand gives a different twist pitch and a different dip depth on each lead, and a twisted end that is not fully wetted fails at the terminal block. The CM08 twists 3-9 mm and tins 0.5-9 mm on a controlled axis, holds cut length to 0.2 plus or minus 0.02 times the length, and finishes both ends without turning the cable around. Strip is 0-9 mm, so a bare end and a tinned end are set in the same program.

The CM08 is the double-end twisting model of this group: up to 8 wires per cycle, twisting and tinning at both ends, no terminal crimping. The JW-CM07 shares the five-wire platform but crimps one end and tin-dips instead of twisting. The 501S crimps one end and tins the other on single wire at 3,200 wires per hour. Where the finished part is a twisted and tinned multi-core tail rather than a terminated lead, the CM08 covers it in one cycle.

Key Features

1. Both ends cut, stripped, twisted and tinned in one cycle

2. Up to 8 wires processed simultaneously on the five-wire platform

3. 2,700-4,000 pcs/h at 3-wire output (32-20 AWG); 6,400-10,000 pcs/h at 8-wire output (20-16 AWG)

4. Applicable wire AWG18-AWG24 and AWG24-AWG32; cutting length 30-550 mm, 8 mm minimum on custom order

5. Strip 0-9 mm, twist 3-9 mm, tin 0.5-9 mm; cutting tolerance 0.2 +/- 0.02 x length

6. Air supply 0.5-0.7 MPa; 1-year warranty

Technical Specifications

Parameter	Specification
Model	JW-CM08
Functions	Cutting, stripping, twisting, tinning (both ends)
Wires per Cycle	Up to 8
Output, 3-wire	2,700-4,000 pcs/h, AWG32-AWG20
Output, 8-wire	6,400-10,000 pcs/h, AWG20-AWG16
Applicable Wire	AWG18-AWG24 / AWG24-AWG32
Cutting Length	30-550 mm (8 mm minimum, customized)
Cutting Tolerance	0.2 +/- 0.02 x length
Stripping Length	0-9 mm
Twisting Length	3-9 mm
Tinning Length	0.5-9 mm
Air Supply	0.5-0.7 MPa
Warranty	1 year

Applications

— Flat multi-core appliance harnesses: twisted and tinned tails at both ends

— Transformer and motor lead wires: tinned ends for screw or clamp terminals

— Lighting and power supply leads: both ends twisted and tinned for terminal blocks

— Sensor and audio cables: twisted strands, tinned for solder or plug assembly

— Control panel five-core looms: tinned ends on all conductors

Applicable cable/wires

Electronic wire



Teflon wire



BV wire



Dual parallel cable, headphone harness



Sheath cable, automotive harness



Flat ribbon cable



Product Images



FAQ

What is the Fully Auto 5-Wire Cutting Stripping Twisting Tinning Machine primarily used for?

This machine is an industrial-grade, automatic double-end wire processor designed for high-efficiency wire harness manufacturing. It is engineered to simultaneously process flat cables or multiple single wires by performing cutting, stripping, twisting, and tinning operations on both ends. It is ideal for applications requiring precise and rapid processing of up to 8 wires at once, significantly streamlining production in electronics, automotive, and appliance manufacturing.

What is the production capacity or output speed of this automatic wire processing machine?

The machine delivers exceptional high-speed performance with an output range of 2,700 to 10,000 processed wires per hour. This variable speed allows operators to adjust the cycle rate based on the wire type and processing complexity, maximizing efficiency and throughput for both large batch orders and more intricate wire harness production.

Can this machine handle both flat cable and individual wires?

Yes, a key feature of this multi-wire processing machine is its versatility. It is specifically designed to process both flat ribbon cables and multiple individual single wires. The automatic system can handle up to 8 wires simultaneously, making it a highly flexible solution for various wire preparation needs within a wire harness assembly line.

What are the main processing functions this equipment performs?

This all-in-one industrial cable cutting machine performs four critical functions automatically: 1) Cutting wires to precise lengths, 2) Stripping insulation from both ends, 3) Twisting stranded wire ends for a clean finish, and 4) Tinning (applying solder) to the exposed conductors. This integrated process eliminates the need for multiple separate machines, ensuring consistency, saving labor, and reducing production time.

What support or warranty is offered with this wire harness manufacturing equipment?

To ensure reliability and customer confidence, this automatic wire stripper and tinner comes with a comprehensive 1-year warranty covering parts and workmanship. This warranty underscores the machine's robust construction and is backed by technical support to assist with setup, operation, and maintenance, ensuring minimal downtime and long-term productivity for your investment.