

JW MACHINERY

JW Machinery Catalog

Automatic Wire Crimping & Wire Harness Equipment

Professional wire harness processing equipment:
cutting, stripping, crimping, tinning, twisting and
housing insertion — engineered for high-volume
manufacturing.

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XIAMEN JINGWEI TECHNOLOGY CO., LTD.

Product Overview

High-efficiency, precision automation for wire harness manufacturing



JW-CK01

Double-End Terminal Crimping & Housing Inserting Machine



JW-WTT

Full Automatic Terminal Crimping Tinning Machine Two Wire Twisting Machine



JW-17T

Fully Automatic Dual-Head Terminal Crimping Machine for Multi-Core Sheathed Cables



JW-RSCT

Round Sheathed Cable Double-End Terminal Crimping & Tinning Machine



JW-A173

Automatic Single Side Ferrule Crimping Machine



5-Wire Twist

Fully Auto 5-Wire Cutting Stripping Twisting Tinning Machine



5-Wire Crimp

Fully Automatic 5-Wire Cutting Stripping Crimping Tinning Machine



WPM-SP20

Automatic Flat Ribbon Cable Cutting Stripping Crimping Machine



WPM-5505

Fully Automatic Wire Crimping & Housing Insertion Machine

Product Overview

High-efficiency, precision automation for wire harness manufacturing

EXTRA-01

Automatic Wire Cut Strip
Crimp Tinning Machine
501S

EXTRA-02

Fully Automatic 2P
Parallel Wire Dip Tin &
Insert Plug Machine



WPM-DPW12

Fully Automatic Multi-
Wire Plug Shell Inserting
Machine WPM-DPW12

EXTRA-04

Automatic Double-Head
Vibrating Crimp Machine
for Insulated Terminals



WPM-078H

Automatic Wire
Crimping & Water Seal
Insertion Machine WPM-
078H



WPM-018HS

Automatic Wire Cutting
Stripping Crimping
Machine WPM-018HS



WPM-038F

Automatic 3-Side Dual
Wire Crimping Machine
WPM-038F



WPM-006S

Automatic Heat Shrink
Tube Insert & Twist Tin
Crimp Machine WPM-
006S

EXTRA-09

Automatic Dual-Side
Crimping & Heat Shrink
Tube Machine wpm-068

Product Overview

High-efficiency, precision automation for wire harness manufacturing



AWG10

Double-Side Servo Cable Crimper - AWG10-28, 3800-4500pcs/h



WPM-151T

Automatic Wire Stripping Crimping Twisting Tinning Machine WPM-151T



AWG14

Automatic Cable Stripping Crimping Twisting Machine | AWG14-28



WPM-624

Automatic Waterproof Wire Cutting Stripping Crimping Machine WPM-624



FCCM-51

Automatic Flat Cable Dividing Cutting Stripping Crimping Machine WPM-FCCM-51



WPM-109

Automatic 5-Wire Cutting Stripping Crimping Tinning Machine WPM-109



WPM-R9B

Automatic Single End Loose Terminal Crimping Machine WPM-R9B



WPM-189

Automatic Triple End Terminal Crimping Machine WPM-189



WPM-180

Automatic Dual Wire Terminal Crimping Machine WPM-180

Product Overview

High-efficiency, precision automation for wire harness manufacturing

Twin Wire Crimp Machine



AWG16

Automatic Twin Wire
Crimp Machine |
AWG16-28 | 3200mm
Cutting

EXTRA-20

Automatic Double-End
Wire Cut Strip Crimp
Machine Wire Cut Strip
Crimp Machine



WPM-R8B

Automatic Insulated
Terminal Crimping &
Wire Stripping Machine
WPM-R8B



WPM-151

Automatic Wire Cut Strip
Crimp Machine for Cable
Harness WPM-151



WPM-158

Automatic Wire Cutting
Stripping Twisting
Crimping Machine
WPM-158

Double-End Terminal Crimping & Housing Inserting Machine



A fully automatic integrated wire processing machine that integrates wire cutting, stripping, double-end terminal crimping and housing insertion in one operation. Widely used in new energy, home appliances, 3C electronics, connectors and automotive industries.

Specifications

Parameter	Value
Display	15-inch LCD touch screen
Control System	MCU control system
Capacity	Approx. 1,600–2,600 pcs/hour (100 mm wire)
Applicable Wire Gauge	AWG30# – AWG16# (customizable)
Processing Length	90 mm – 900 mm (customizable)
Stripping Length	0.1 mm – 14 mm (adjustable)
Cutting Accuracy	±0.1 mm
Crimping Force	1.5 tons (customizable)
Power Supply	AC 220 V, 50 Hz (customizable)
Weight	Approx. 1,100 kg
Machine Dimensions	L 2200 × W 1800 × H 2200 mm

Key Features

Integrated cutting, stripping, crimping & housing insertion
Visual inspection & terminal shortage detection
15-inch LCD touch screen
Servo-driven precision motion

Full Automatic Terminal Crimping Tinning Machine Two Wire Twisting Machine



Integrates two-wire twisting, terminal crimping and tinning into one automated system. Replaces manual operation, improves production efficiency and ensures product consistency.

Specifications

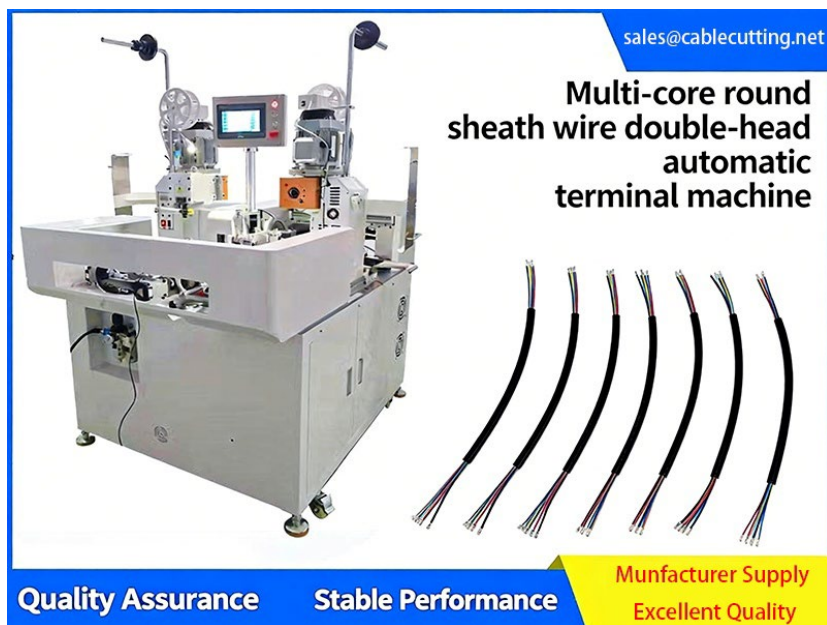
Parameter	Value
Core Function	Two-wire twisting, terminal crimping, wire tinning, cutting, peeling
Applicable Wires	UL/PVC/PE electric wire, silicone wire, multi-strand copper wire
Wire Diameter Range	0.5–2.5 mm ²
Twisting Pitch	3–10 mm (adjustable)
Tinning Length	0.5–10 mm (adjustable)
Wire Length Range	50–1500 mm (adjustable)
Production Efficiency	800–1200 pieces/hour
Power Supply	AC220V / 50Hz/60Hz, 1.5KW
Air Pressure Requirement	0.5–0.7 MPa
Machine Dimensions	L2200 × W1500 × H1650 mm
Net Weight	680 kg

Key Features

- Three-in-one integrated function
- PLC control & touch screen
- High-precision servo motor
- Overload protection & emergency stop

JW-17T

Fully Automatic Dual-Head Terminal Crimping Machine for Multi-Core Sheathed Cables



Engineered for multi-core sheathed cables, integrating cutting, outer/inner stripping and terminal crimping in one continuous workflow.

Specifications

Parameter	Value
Display	10.1-inch True Color Touch Screen
Functions	Cutting & stripping; dual-head / single-head crimping / tin dipping
Suitable Wire Type	Sheathed wires; outer diameter ≤ 12 mm, max 12 cores
Cutting Length	150 mm – 99999.99 mm
Cutting Tolerance	Within $\pm 0.002 \times L$
Stripping Length	Outer: 15–100 mm; Inner: 1–15 mm
Tool Material	High-quality precision high-speed steel
Productivity	Approx. 700 PCS/H
Driving Mode	Pure copper precision motor
Wire Feeding Mode	Servo motor + precision lead screw
Machine Dimensions	H 1650 × L 2150 × W 1750 mm
Machine Weight	700 kg

Key Features

- Full-process automation
- Triple-mode control
- Pressure management system
- Cast iron crimping head

Round Sheathed Cable Double-End Terminal Crimping & Tinning Machine

圆护套线双头打端沾锡机

Round Sheath Wire Double-End Terminal Crimping and Tinning Machine



Free Sample

Customization
Supported

Designed for multi-core round sheathed cables, integrating automatic wire cutting, outer sheath stripping, inner core stripping, terminal crimping and double-end tinning.

Specifications

Parameter	Value
Outer Diameter	1.5–8.5 mm
Inner Cores	2–12 cores
Inner Wire Gauge	16–28 AWG
Cutting Length	60–1000 mm (customizable)
Cutting Precision	≤0.5 mm + 0.2% of cutting length
Power Supply	AC 220 V 50/60 Hz, 20 A
Outer Stripping Length	15–100 mm
Inner Stripping Length	0–15 mm
Crimping Force	Standard 2 TON
Functions	Cutting, stripping, crimping, double-end tinning

Key Features

- High compatibility for round sheathed cables
- HD LCD display
- High-precision wire straightener
- Ultra-quiet 2.0T crimping

JW-A173

Automatic Single Side Ferrule Crimping Machine



A fully integrated wire processing equipment realizing automatic wire feeding, insulation stripping, ferrule loading and terminal crimping in one process.

Specifications

Parameter	Value
Function	Crimping / Folding (Wire End Rolling)
Working Mode	Automatic
Weight	295 kg
Wire Gauge Range	30 AWG – 18 AWG
Cutting Length	25–9999 mm
Cutting Precision	±1 mm + L×0.2%
Strip Length	1–10 mm
Air Pressure Requirement	4–6 kgf (clean & dry compressed air)
Production Capacity	3,800 pcs/h (length ≤ 300 mm)
Crimping Force	2T (3T optional)
Voltage / Motor Power	220V 50Hz / 0.75 kW
Overall Dimensions	700 × 800 × 1500 mm

Key Features

- All-in-one automatic ferrule processing
- Digital parameter adjustment
- Compact body
- Safe protective design

5-Wire Twist

Fully Auto 5-Wire Cutting Stripping Twisting Tinning Machine

5-Wire Cutting Stripping
Twisting Tinning Machine



Automatically cuts, strips, twists, and tins flat cable and single wire. Outputs 1, 3, 5 or 8 wires at one time according to wire diameter.

Specifications

Parameter	Value
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	$0.2 \pm 0.02 \times \text{Length}$
Stripping Length	0-9mm
Twisting Length	3-9mm
Tinning Length	0.5-9mm
Air Supply	0.5-0.7MPa
Machine Dimensions	1210×770×1370mm
Machine Weight	400KG
Warranty	1 Year

Key Features

- Delta PLC control
- Festo solenoid valves
- Lead-free tin furnace
- 90-degree tin dipping

5-Wire Crimp

Fully Automatic 5-Wire Cutting Stripping Crimping Tinning Machine

Wire Cutting Stripping
Crimping Tinning Machine



Automatically cuts, strips, single-end crimps terminals and other end dips tin. High efficiency and high accuracy for cable harness manufacturing.

Specifications

Parameter	Value
Control System	Delta PLC
Cylinder	Germany Mayer
Solenoid Valve	Festo, Germany
Screw Guide	Taiwan silver
Servo Motor Drive	Hechuan (optional Mitsubishi)
Pneumatic Components	SMC
Temperature Control	Omron
Efficiency	6000-8000/H (depends on product)
Applicable Wire	AWG18-24 / AWG24-32
Cutting Length	15-1000mm
Crimping Force	2T, customized
Machine Dimensions	1210×770×1370mm
Machine Weight	450KG

Key Features

- Single-end crimp + opposite-end tinning
- Touch screen Chinese/English menu
- Imported high-precision parts
- Automatic tin scraping device

WPM-SP20

Automatic Flat Ribbon Cable Cutting Stripping Crimping Machine



Adopts Japanese Panasonic control system and servo to achieve precision, high efficiency and stability for flat ribbon cable processing.

Specifications

Parameter	Value
Control System	Japanese Panasonic
Drive System	Panasonic Servo
Operation Interface	Touch Screen Control
Crimping Speed	Up to 22000pcs/hour
Terminal Types	PH, XH, ZH, SCN, SM, VH, DuPont
Operation Mode	Double-end, single-end, interval crimping
Special Function	2pin cable can output 5pcs simultaneously
Stripping Capability	Half or fully stripped ends
Applicable Wire	28-18AWG ribbon cable, single wire
Maximum Cable Width	20mm
Maximum Cable Pin	20pin
Machine Size	L1800×W1400×H1550mm
Net Weight	450KG

Key Features

- Panasonic servo control
- 24-hour continuous operation
- Multiple crimping modes
- No accessory change for different cables

WPM-5505

Fully Automatic Wire Crimping & Housing Insertion Machine



CE-certified machine integrating wire cutting, stripping, crimping, housing insertion, twisting and tinning into a single high-performance unit.

Specifications

Parameter	Value
Certification	CE certified
Functions	Cutting, stripping, single-end crimping, housing insertion
Optional Functions	CCD monitor, crimping force monitor
Capacity	530-650 times/hour
Cutting Length	30-800mm
Applicable Wire	32-18AWG
Stripping Length	1-9mm (half or full)
Tinning Length	1-9mm
Air Pressure	0.5MPa
Power Supply	AC220V, 1300W
Dimensions	3.8×1.8×2.2m
Weight	550KG

Key Features

- CE certified
- PLC programmable control
- CCD & crimp force monitor options
- Internet remote control support

AWG14

Automatic Cable Stripping Crimping Twisting Machine | AWG14-28

Specifications

Parameter	Value
Function	cutting, stripping, crimping, and twisting
Available wire size	AWG14~AWG28(can be made as your request)
Cutting length	45mm-9999.9mm
Stripping length	0-12mm
Cutting accuracy	0.5mm+cutting length*0.2%
Capacity	4000-5000pcs/h
Crimping force	2T
Power supply	220V 50HZ/60HZ
Air pressure	0.5-0.7mPa

Key Features

Automatic Cable Stripping Crimping Twisting Machine | AWG14-28



Automatic Cable Stripping Crimping Twisting Machine | AWG14-28

FCCM-51

Automatic Flat Cable Dividing Cutting Stripping Crimping Machine WPM-FCCM-51



Wire Range 20P Max. Wire width 28mm Single wire width 0.8-2.5mm Cutting length 72-9999mm Cutting precision ± 0.5 mm Stripping length 2-10mm Crimping force 20KN Capacity 18,000PCS/H(20P flat wire) Power Supply 220V 50HZ Power 0.75KW Air pressure 0.4-0.6Mpa Weight 527KGS Dimension 1850*760*1830mm Function Single, double ends crimping, interval crimping, positive and negative crimping

Specifications

Parameter	Value
Wire Range	20P
Max. Wire width	28mm
Single wire width	0.8-2.5mm
Cutting length	72-9999mm
Cutting precision	± 0.5 mm
Stripping length	2-10mm
Crimping force	20KN
Capacity	18,000PCS/H(20P flat wire)
Power Supply	220V 50HZ
Power	0.75KW
Air pressure	0.4-0.6Mpa
Weight	527KGS
Dimension	1850*760*1830mm
Function	Single, double ends crimping, interval crimping, positive and negative crimping

Key Features

Wire width 28mm Single wire width 0.8-2.5mm Cutting length 72-9999mm Cutting precision ± 0.5 mm Stripping length 2-10mm Crimping force 20KN Capacity 18,000PCS/H(20P flat wire) Power Supply 220V 50HZ Power 0.75KW

WPM-109

Automatic 5-Wire Cutting Stripping Crimping Tinning Machine WPM-109

Specifications

Parameter	Value
Dimension	1250x750x1350
Weight	420KG
Function	cut wire; single/both end strip wire; sing end half strip, single end tin, tin several times
Control system	32bit computer system
Output	6000-8000pcs/h
Wire Range	AWG32-AWG18
Cutting Length	10-400mm(8mm available)
Cutting Torrance	$0.2 \pm 0.02 * L$
Stripping Length	0-7mm
Twisting length	3-7mm
Tinning Length	0.5-7mm
Air pressure	5-6KG
Power Supply	AV220V 50HZ

Key Features

02*L Stripping Length 0-7mm Twisting length 3-7mm Tinning Length 0
5-7mm Air pressure 5-6KG Power Supply AV220V 50HZ



Dimension 1250x750x1350 Weight 420KG Function cut wire; single/both end strip wire; sing end half strip, single end tin, tin several times Control system 32bit computer system Output 6000-8000pcs/h Wire Range AWG32-AWG18 Cutting Length 10-400mm(8mm available) Cutting Torrance $0.2 \pm 0.02 * L$ Stripping Length 0-7mm Twisting length 3-7mm Tinning Length 0.5-7mm Air pressure 5-6KG Power Supply AV220V 50HZ

WPM-R9B

Automatic Single End Loose Terminal Crimping Machine WPM-R9B



Wire Size Up to 6 mm diameter Capacity Single end crimping 3000pc./h Function Both ends stripping, half stripping, Single end crimping Cutting Length 50 ~ 9999mm Cutting Accuracy: $\pm 0.1 + (\text{Set cutting length} \times 0.002)$ Strip Length 1.5mm-----10mm Press Capacity 2T/3T Power Single Phase AC220V 20A Compressed Air 4----6kgf Dimensions 650W X 700L X 1500H(mm) Weight 308KGS

Specifications

Parameter	Value
Wire Size	Up to 6 mm diameter
Capacity Single end crimping	3000pc./h
Function	Both ends stripping, half stripping, Single end crimping
Cutting Length	50 ~ 9999mm
Cutting Accuracy:	$\pm 0.1 + (\text{Set cutting length} \times 0.002)$
Strip Length	1.5mm-----10mm
Press Capacity	2T/3T
Power	Single Phase AC220V 20A
Compressed Air	4----6kgf
Dimensions	650W X 700L X 1500H(mm)
Weight	308KGS

Key Features

Wire Size Up to 6 mm diameter Capacity Single end crimping 3000pc./h Function Both ends stripping, half stripping, Single end crimping Cutting Length 50 ~ 9999mm Cutting Accuracy: $\pm 0.1 + (\text{Set cutting length} \times 0.002)$

WPM-189

Automatic Triple End Terminal Crimping Machine WPM-189



High efficiency, stable performance, super intelligence; Cutting length, stripping length and cutter knife values, half stripping values, terminal crimping speed, all controlled by the touch screen operation, and adjusting the electric knife design, greatly improves the production efficiency. It is the highest efficient machine among the similar type of machines.

Specifications

Parameter	Value
Wire Range	AWG16-AWG28
Cutting Length	45mm-3200mm (Conveyor available for longer wire)
Cutting Accuracy	Cutting Length*0.2%
Stripping Length	Wire head:10mm tail:14mm
Pressing capacity	2-3T (special demands available)
Detection device	terminal, wire, insufficient pressure
Power Supply	AC220V/50HZ
Air pressure	0.5MPA
Dimension	750*800*1700mm
Weight	400kg
Output	3500-4000pcs/H(wire length 1500mm)

Key Features

It is the highest efficient machine among the similar type of machines

WPM-180

Automatic Dual Wire Terminal Crimping Machine WPM-180



Cable Combined Terminal Crimping Machine, Three End Two-Wire Crimping Machines, Wire Cutting Stripping And Crimping Machine, Fully Crimping Machine High efficiency, stable performance, super intelligence; Cutting length, stripping length and cutter knife values, half stripping values, terminal crimping speed, all controlled by the touch screen operation, and adjusting the electric knife design, greatly improve the production efficiency. The largest productivity: 4000-4500 pcs/hour (within 150 mm,2 crimps)

Specifications

Parameter	Value
Applicable wire size	AWG16-AWG28
Cutting Length	45mm-3200mm(Longer wire can be customized)
Cutting accuracy	Cutting length*0.2%
Stripping length	Wire head:10mm tail:14mm
Pressing capacity	1.5T (it can adjust as special demands)
Detection device	Detect terminal , wire, insufficient pressure
Voltage	AC220V/50HZ
Air pressure	0.5MPA
Dimension	750*800*1700mm
Weight	400kg

Key Features

The largest productivity: 4000-4500 pcs/hour (within 150 mm,2 crimps)

Twin Wire Crimp Machine



The automatic wire-cutting stripping and crimping machine adopts a procedural control interface with a touch screen LCD, it has an operating system in Chinese and English, is easy to operate, and has stable performance. Fast send wire, cut wire, strip wire and crimp the terminals, high precision, fast speed, front and rear swing arms are both controlled by servo, and ultra-low noise, more stable. The length of sending/cutting/stripping wire, and the delay time of crimping, all can be accomplished by digital configuration.

Specifications

Parameter	Value
available wire size	AWG16-AWG28#
Cutting length	45-3200mm(Longer can be customized)
Cutting accuracy	cutting length *0.2%
Stripping length	0.5mm-14mm
Pressure capacity	1.5T
Detection device	no wire; no terminal, insufficient pressure
Voltage	AC220V/50HZ single phase
Air pressure	0.5Mpa
Dimension	750mm*800mm*1700mm
Weight	400kg

Key Features

WPM-151

Automatic Wire Cut Strip Crimp Machine for Cable Harness WPM-151



Specifications

Parameter	Value
Voltage	AC220V/50HZ
Function	Wire cutting, stripping, crimping, twisting
Productivity (500mm)	8000pcs/h(no twisting); 6200pcs/h (twisting)
Wire Range	AWG#34—AWG#18
Cutting length	25mm-9999mm
Cutting accuracy	Adjustable
Stripping length	0.1mm—25mm
Crimping force	1.5Ton
Twisting length	3 mm—20mm
Auxiliary device	Sending device, terminal conveyor, garbage collection
Testing Equipment	Terminal and wire input testing
Dimension	1060W*600L*1380H(mm)
Weight	300kg

Key Features

Easy and quick to adjust technical characteristics

3. Easy and quick to adjust technical characteristics.

WPM-158

Automatic Wire Cutting Stripping Twisting Crimping Machine WPM-158



WPM-158 Automatic Wire Cutting Stripping
Twisting and Crimping Machine - The Ultimate All-
in-One Solution for Wire Harnessing

Specifications

Parameter	Value
Size	700*600*1050mm
Weight	240kg
Display	Touch screen
Voltage	AC220/50Hz ,AC110/60Hz
Power	750W
Cutting Length	25mm—9999mm
Cutting Tolerance	+/-0.1mm
Stripping Length	0.1mm-10mm
Available Wire	AWG14#-AWG32#
Cutter material	Tungsten steel/alloy metal
Crimping Force	1.5T (2.0T available)

Key Features

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