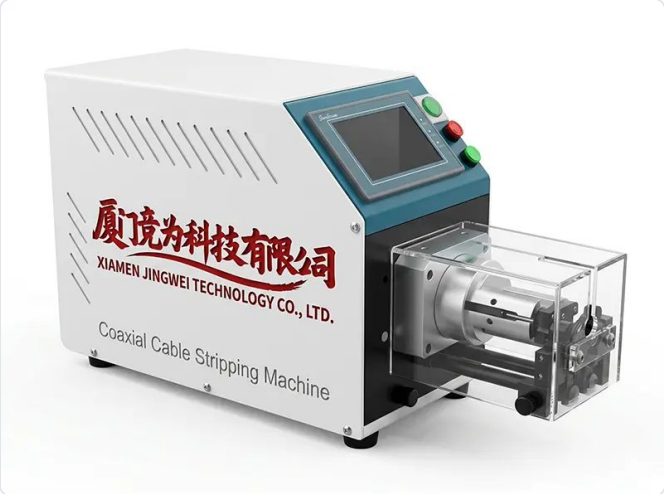
Coaxial Cable Stripping Machine with LCD & Servo Motor - different model JW-ST05

Model No. JW-ST05



SPECIFICATIONS

Model Number	different model
Display	LCD Interface
Motor Type	Servo Motor
Drive System	Precision Ball Screw
Control System	Multi-point Motion Control
Blade Material	Imported Tungsten Steel & Titanium Alloy
Application	New Energy Charging Guns, Thick/ High-Quality Cables
Stripping Quality	Neat, Precise, No Inner Layer Damage

The JW-ST05 strips coaxial and thick multi-layer cable on a bench-top frame, using a rotary blade head driven by a servo motor. Each layer of the cable is opened to its own programmed depth, so the jacket, braided shield, dielectric and inner conductor can be stripped in one setup. The machine is aimed at charging-gun leads and heavy coaxial cable where the layers sit within a fraction of a millimetre of each other.

Hand stripping a coaxial cable cuts through layers that are stacked almost on top of one another. A blade set too deep scores the braid or the dielectric, and the cable fails a continuity or voltage test after the connector is fitted. On the ST05 every layer is a separate program step: the servo motor and precision ball screw position the blade ring to a stored depth, multi-point motion control runs the steps in sequence, and imported tungsten steel blades in titanium alloy holders cut the braid instead of pulling it.

Inside the Jingwei stripping range the ST05 is the coaxial and thick-cable machine. The ST03 is a gas-electric unit for single-insulation wire, and the WPM-550 removes enamel film from 0.3 to 4.0 mm magnet wire without cutting insulation at all. The ST05 works on concentric layers to programmed depths, which is the operation charging-gun and RF harness work depends on.

Key Features

1. Servo-driven blade positioning: each layer depth is set through a precision ball screw rather than air pressure, so the cut does not drift with shop-air fluctuation.

2. Multi-point motion control stores the jacket, braid and dielectric steps as one program and runs them in sequence from a single cycle.

3. Imported tungsten steel blades in titanium alloy holders keep the blade angle fixed against the braid, the layer most easily pulled rather than cut.

4. LCD interface: layer depths and step order are entered on screen, so a change of cable type is a program change rather than a blade re-shim.

5. Acrylic guard over the rotary head with start, stop and emergency stop buttons on the front face; the cut line stays visible while the hands stay outside the blade ring.

6. Bench-top housing with a hand-fed head, one cable per cycle, which suits charging-gun leads built in low and medium volume rather than on a fully automatic line.

Technical Specifications

Parameter	Specification
Model	JW-ST05
Machine type	Bench-top coaxial cable stripping machine
Display	LCD interface
Motor type	Servo motor
Drive system	Precision ball screw
Control system	Multi-point motion control
Blade material	Imported tungsten steel and titanium alloy
Application	New-energy charging gun cables, thick and high-grade cable
Stripping quality	Neat cut, no damage to inner layer

Applications

— New-energy charging gun assemblies: coaxial and thick power leads, jacket, braid and dielectric opened in one programmed cycle.

— RF and antenna feeder harnesses: foam-dielectric coaxial cable stripped in stages to fit the connector body.

— Industrial control and instrumentation cable: thick multi-layer leads stripped without nicking the shield.

— Charging cable re-termination: field returns stripped to the same three depths as the original build.

— Telecom coaxial jumpers: short cable runs stripped to fixed depths before connector assembly.

Semi automatic Coaxial Wire stripping machine





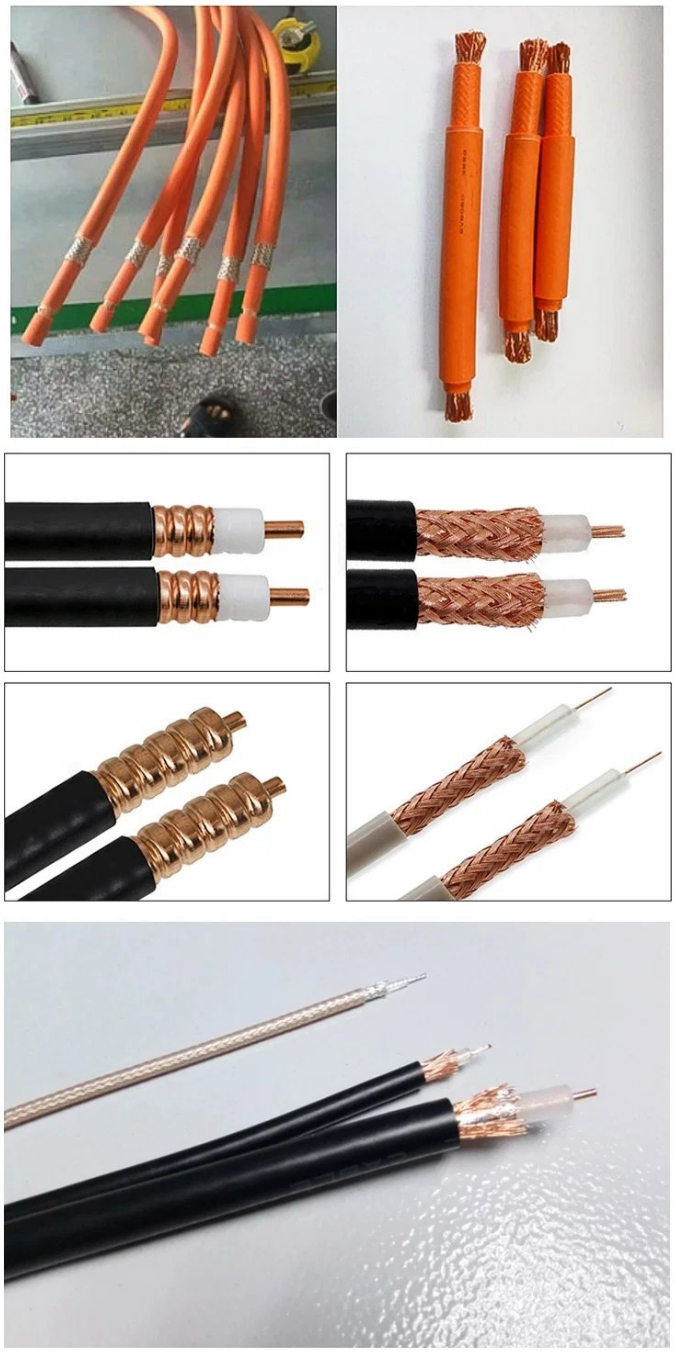
Model:WPM-2515

Semi-automatic coaxial wire stripping machine

The blade part is designed with a structure of 4 rotating knives to make it perform better when processing thicker and harder cables



Processing sample display



Product parameter



Product number	WPM-6806
product name	Semi-automatic coaxial wire stripping machine
Applicable wire	Coaxial line, high temperature line
Applicable wire diameter	0.8-6.99mm
Maximum stripping length	48mm
power	400W
weight	24kg
Dimensions	600x185x280mm
Power supply	AC220V/110V 50/60HZ

Feature description: suitable for stripping of various flexible and semi-flexible coaxial cables, automotive cables, medical cables, etc. in the communication industry, the stripping is neat, precise and does not damage the conductor; the human interface, the operation is simple and easy to understand, can be stripped up to 9 layers, and can be stored 99 kinds of processing parameters, with three starting modes such as ejector, button and pedal





Product number	WPM-6806D
product name	Semi-automatic coaxial wire stripping machine
Applicable wire diameter	1.5-9.5mm
Maximum stripping length	65mm
power	400W
weight	25kg
Dimensions	600x185x280mm
Power supply	AC220V/110V 50/60HZ

Feature description: This model is an improved coaxial wire stripping machine based on BORX-6806. The cutter head part is designed with a structure of 4 rotating cutters, which enables better performance when processing thicker and harder cables.



Product number	WPM-8608
product name	Semi-automatic coaxial wire stripping machine
Applicable wire diameter	3-18mm
Maximum stripping length	90mm
power	600W
weight	40kg
Dimensions	720x280x350mm
Power supply	AC220V/110V 50/60HZ

Feature description: suitable for various thicker and harder power cables, coaxial cables, new energy wiring harnesses, etc.; the four-piece rotary cutter head design makes the processed wire harness stripping neatly; adopts servo motors, precision and balls Screw and multi-position motion control system, stable and efficient performance; man-machine interface, simple and easy to understand, can meet special requirements such as multi-layer peeling, multi-section peeling, automatic continuous start, etc.



2515

Product number	WPM-2515	WPM-2520
product name	Semi-automatic coaxial wire stripping machine	Semi-automatic coaxial wire stripping machine
Applicable wire diameter	5-25mm	5-25mm
Maximum stripping length	150mm	200mm
power	630W	800W
weight	45kg	50kg
Dimensions	920x220x400mm	1000x225x400mm
Power supply	AC220V/110V 50/60HZ	AC220V/110V 50/60HZ

Feature description: It is suitable for the stripping of various flexible and semi-flexible coaxial cables, charging pile cables, medical lines, etc. in the communication industry and the medical automobile industry. The stripping is neat and precise without hurting the conductor.

2. The man-machine interface, the operation is simple and easy to understand, can peel up to 9 layers, and can store up to 99 kinds of processing data

3. Rotary cutter head, four-piece rotating cutter design and exquisite structure improve the stability of stripping and the working life of cutter.

4. Using servo motor, precision ball screw and multi-point motion control system, stable and efficient performance

5. The knives are coated with imported tungsten steel and titanium alloy, which are sharp and durable.

6. It can meet the special requirements of multi-layer peeling, multi-stage peeling, automatic continuous start, etc.

7. Continuous innovation has been carried out on the original models, with more optimized functions and structures, and more powerful performance



Product number	WPM-3515
product name	Semi-automatic large square cable spin stripper
Applicable wire diameter	8-35mm
Stripping length	0.1-150mm
power	1000W
weight	60kg
Dimensions	1040x280x550mm
Power supply	AC220V/110V 50/60HZ

Feature description: This series of models is designed to meet the requirements of new energy charging guns and other thick and high-quality cables. The cable strips after processing with this series of models are neat, not hurting the inner layer, and the appearance is more perfect



Product number	WPM-3520
product name	Semi-automatic large square cable spin stripper
Processing diameter	8-35mm
Maximum stripping length	200mm
Cutting depth unit	0.01
Processing efficiency	200-500PCS/H
Maximum number of peeling layers	9 floors
power	1000W
weight	80kg
Dimensions	1040x280x550mm (Subject to the actual product)
Power supply	AC220V/50/60HZ

Feature description: This series of models is designed to meet the requirements of new energy charging guns and other thick and high-quality cables. The cable strips after processing with this series of models are neat, not hurting the inner layer, and the appearance is more perfect

WPM-5806 coaxial stripping machine with 58mm maximum stripping length

Product Images



FAQ

What is a Coaxial Cable Stripping Machine and what are its primary applications?

A Coaxial Cable Stripping Machine is a specialized industrial wire processing machine designed to precisely remove the outer jacket, shield, and dielectric layers from coaxial cables. It is primarily used in the manufacturing of cable harnesses for telecommunications, broadcasting, automotive, aerospace, and networking industries, ensuring clean, consistent, and high-quality terminations for connectors and assemblies.

Why should I choose a JINGWEI coaxial cable stripper over other brands?

JINGWEI is a leading manufacturer from China with a reputation for producing high-quality, durable, and precise wire processing machinery. Our coaxial cable strippers are engineered for efficiency and reliability in industrial settings, offering robust construction, user-friendly operation, and excellent after-sales support. Choosing JINGWEI ensures you get a cost-effective, professional-grade solution backed by extensive manufacturing expertise.

What types of coaxial cables can your stripping machines process?

Our various models of coaxial cable stripping machines are designed to handle a wide range of cable types and diameters, including RG-58, RG-59, RG-6, RG-174, and many others. The machines can be adjusted or tooled to accommodate different cable specifications, ensuring precise stripping for both standard and custom coaxial cables used across multiple industries.

How does a coaxial cable stripping machine improve production efficiency?

A JINGWEI coaxial cable stripper automates the stripping process, significantly increasing speed and consistency compared to manual methods. It reduces labor costs, minimizes material waste, and eliminates human error, leading to higher throughput and uniform quality. This efficiency is crucial for meeting high-volume production demands in industrial cable harness manufacturing while maintaining strict quality standards.

What support and services does JINGWEI offer with the purchase of a cable stripping machine?

As a professional manufacturer, JINGWEI provides comprehensive support including detailed operational training, installation guidance (if required), a warranty on parts and workmanship, and access to technical assistance. We also supply necessary spare parts and consumables. Our team is ready to help you select the optimal model for your specific application and ensure seamless integration into your production line.