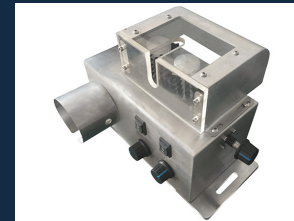
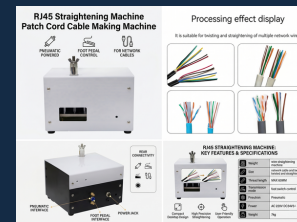


XIAMEN JINGWEI TECHNOLOGY CO., LTD.

Wire Shielding Mesh Brushing Machine

Product Catalog 2026

14 Products



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<https://www.cablecutting.net/>

Wire Shielding Mesh Brushing - Product Overview



JW-1158X

Automatic Braided Shield Cutting ...



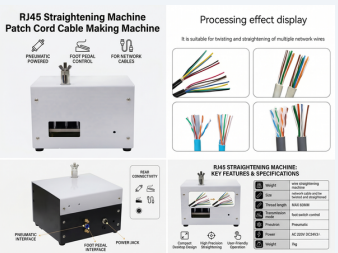
JW-835

Automatic Cable Shielding Brushin...



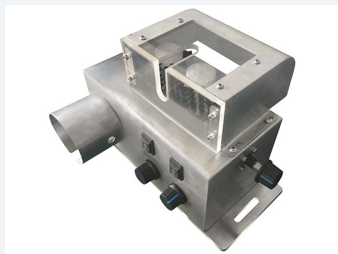
JW-SM10

Metal Shielding Mesh Fusing Machine



JW-P08

RJ45 Straightening Machine Patch ...



JW-3008

Centrifugal Clamp Heavy-Duty Wire...



CS-BST007

Automatic Cable Stripping & Shield...



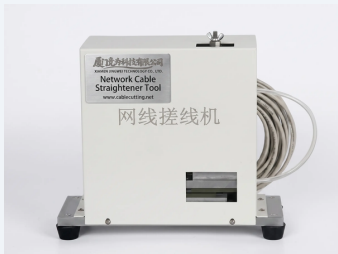
WPM-809D

Automatic Network & USB Cable Str...



WPM-192

Automatic Braided Cable Brushing ...



WPM-RJ45

Pneumatic Network Cable Straighte...



BB-1525

Automatic Cable Shield Braid Brus...



WPM-1020

Semi-Automatic Wire Shielding Mes...



BB-7025

Automatic Shielded Wire Mesh Brus...



WPM-03B

Automatic Shielded Wire Brushing ...



WPM-003A

Automatic Shielded Wire Twisting ...

Automatic Braided Shield Cutting Machine for Cable Shielding Mesh Removal

Description

Professional-grade pneumatic braided shield cutting machine designed for precisely processing and trimming the metal braided shielding layers of multi-core cables, shielded wires, and new energy vehicle high-voltage cables. Provides a fast, clean, and mechanically stable solution to replace slow manual trimming, significantly improving wire harness assembly efficiency. Supports both Full-Cut and Half-Cut processing modes to meet different wire harness specifications. Features exceptional precision and high responsiveness with accurate speed and position control for fast startup and instant, reliable stops. Ergonomic design with smooth, rounded feeding port that allows cables to pass through effortlessly without scratching or snagging.

Product Name	Braided Shield Cutting Machine
Cable Range	2 - 35 mm²
Cutting Length	10 - 110 mm (up to 180 mm if loose)
Control Method	Pneumatic Control
Operation Mode	Foot Switch or Manual Button
Dimensions	L410 × W145 × H155 mm
Weight	Approx. 8 kg



Automatic Cable Shielding Brushing, Folding, and Cutting Machine

Description

All-in-one automated solution for highly efficient processing of cable shielding layers. Integrates 360° rotating brushing, non-destructive backward folding, and annular precision cutting into a single continuous step, completing each cycle in just 3 to 10 seconds per cable. Features fully digitized settings for folding and cutting lengths with over 20 parameter storage recipes. Guarantees batch consistency and yield rate of 99.5%+, ensuring zero damage to inner insulation and core wires. Processes 700 to 1500 pieces per hour, operating 4 to 6 times faster than manual processing. Controlled via intuitive 7-inch color touch screen, enabling new operators to work independently after just one hour of training.

Voltage	220V 60HZ
Air Pressure	0.4 - 0.6 MPa
Power	600W
Applicable Wire Diameter	OD 3.0 - 9.0mm
Applicable Stripping Length	8 - 35mm
Remaining Braiding Length	3 - 10mm
Working Efficiency	700 - 1000 PCS/Hour
Dimensions	L580 × W500 × H400mm
Consumables	Cutting blades, Brushes





Metal Shielding Mesh Fusing Machine

Description

Advanced industrial solution engineered specifically to cut and strip metal mesh sheaths and shielding nets. Utilizes a highly efficient thermal fusing principle that perfectly melts the shielding net while ensuring the delicate inner core wire remains completely undamaged. Features a user-friendly microcomputer resistance welding controller where operators only need to adjust the welding current. With a rapid cutting efficiency of 1 second per piece, it is the ideal upgrade for high-volume wire processing lines. Includes comprehensive safety features with grounding connection and power safety mechanisms.

Voltage	220V 50Hz
Working Voltage	24V
Working Power	15KW
Air Pressure	0.2 - 0.4 MPa
Dimensions	400 × 460 × H350 mm
Weight	40 kg
Cutting Wire Diameter	1 - 10 mm
Cutting Length	2 mm to infinite
Cutting Efficiency	1 second / piece

RJ45 Straightening Machine Patch Cable Manufacturing Machine

Description

Specialized industrial tool designed to efficiently straighten and process network jumper cables before termination. Ideal for manufacturing RJ45 connectors, this machine ensures cables are perfectly aligned for accurate and reliable assembly, significantly reducing waste and improving production line efficiency. Operates on a dual power system (AC 220V and DC 24V) for stable and continuous performance. Compact footprint of 21×11×23 cm with manageable weight of 7 kg fits easily into any workspace. Supports cable types from 2p to 10p, ensuring versatility across different RJ45 connector configurations.

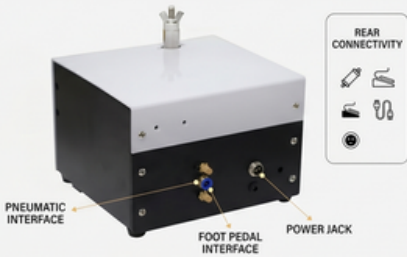
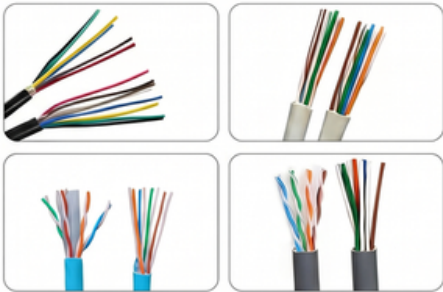
RJ45 Straightening Machine
Patch Cord Cable Making Machine

- 
PNEUMATIC
POWERED
- 
FOOT PEDAL
CONTROL
- 
FOR NETWORK
CABLES



Processing effect display

It is suitable for twisting and straightening of multiple network wires



RJ45 STRAIGHTENING MACHINE:
KEY FEATURES & SPECIFICATIONS


Compact
Desktop Design


High Precision
Straightening


User-Friendly
Operation

Weight	wire straightening machine
Size	network cable and twisted and straightened
Thread length	MAX 60MM
Transmission mode	foot switch control
Pneutron	Pneumatic
Power	AC 220V DC24V3A
Weight	7kg

Usage

Straightening

Application

RJ45 Connector

Type

2p - 10p

Power

AC 220V, DC 24V 3A

Weight

7 kg

Dimension

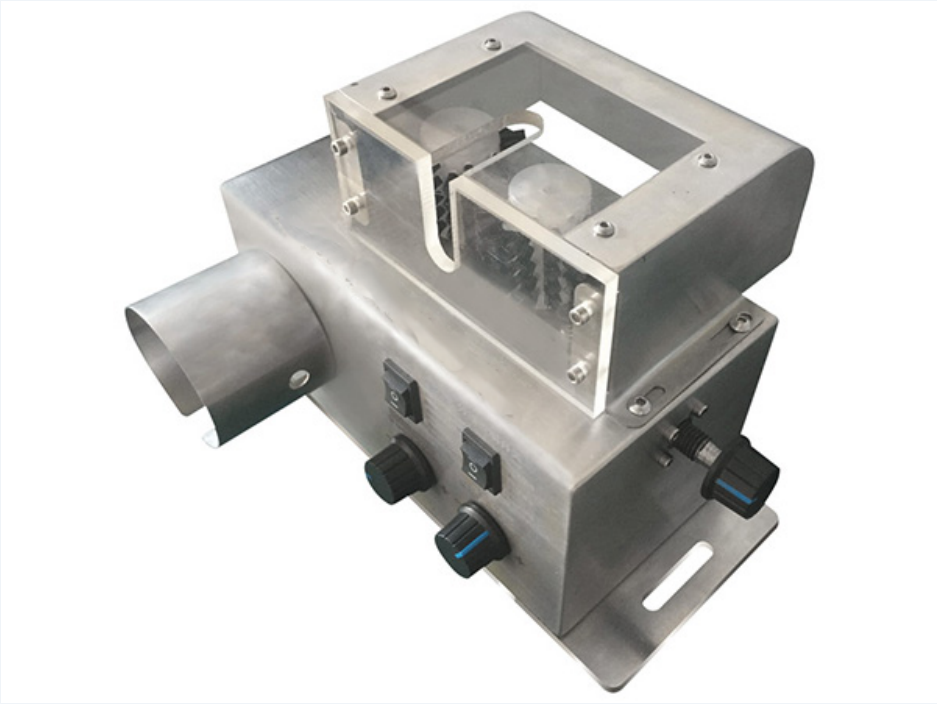
21 × 11 × 23 cm

Brand

JINGWEI

Package

Standard wooden box with steel banding



Centrifugal Clamp Heavy-Duty Wire Separating & Twisting Machine

Description

Upgraded patented centrifugal wire separating and twisting machine, specially designed for processing stranded and braided shielded wires with stripping length within 30mm. Integrates wire separating and wire twisting in one unit, making it essential equipment for wire processing. Adopts dual brushes and patented automatic centrifugal clamping device, providing strong brushing performance for high-demand wires. Equipped with emergency stop and brake function that effectively reduces intermediate waiting time and improves working efficiency. Features forward and reverse rotation adjustment for both separating and twisting operations.

Power Input	AC 220-240V / AC 110
Adapter Output	DC 24V 6.0A
Wire Separating Speed	0-3500rpm adjustable
Wire Twisting Speed	0-2000rpm adjustable
Control	Rocker switch + foot pedal
Emergency Stop Brake	Standard
Max Wire Separating Length	<30mm (one-time)
Wire Twisting Length	10-80mm
Warranty	Main unit: 1 year; Accessories: 3 months

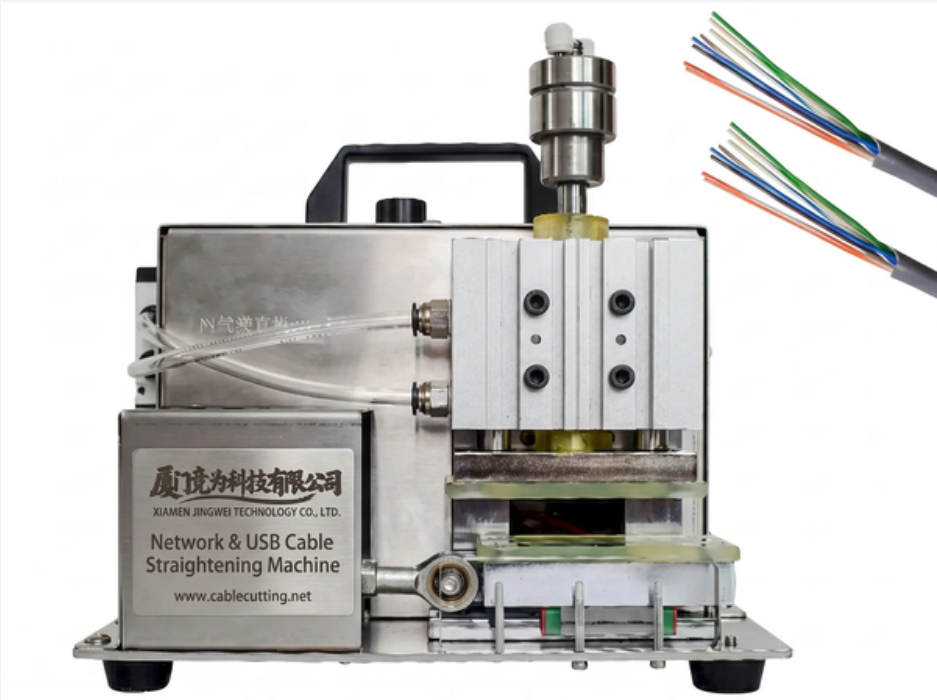
Automatic Cable Stripping & Shield Twisting Machine

Description

Specially designed for processing cables with braided shielding, such as USB data cables, 1185 DC cables, car connection cables, and microphone cables. Integrates multiple functions and can automatically complete jacket stripping, shield brushing and twisting, braided shield tip cutting, and aluminum foil mylar removing. Just place the wire to be processed on the conveyor chain, and the machine will complete all processes automatically. Features touch screen and PLC control mode with processing parameters that can be set directly on screen. Equipped with openable safety cover and pneumatic support rod for safe and beautiful operation.

Dimension (L×W×H)	2350 × 880 × 1500mm
Applicable Wire Diameter	Φ2-8mm (customizable)
Jacket Stripping Length	10-60mm (customizable)
Capacity	1200-1500 pcs/hour
Rated Power	600W
Power Supply	AC220V 50HZ
Working Air Pressure	0.5-0.7 MPa
Control Mode	Touch screen + PLC





Automatic Network & USB Cable Straightening Machine

Description

Advanced machine leveraging cutting-edge straightening technology to streamline cable preparation. Ensures network cables, USB cables, and shielded wires are perfectly aligned and completely free from unwanted twists and bends, guaranteeing optimal performance. Features robust 304 stainless steel construction suitable for both indoor and outdoor environments. Handles multi-core cables, HDMI, TYPE-C, USB 3.1, shielded wires, industrial control cables, and more. Compact dimensions (29×24×21 cm) and lightweight (9.5KG) with foot pedal operation for hands-free control. Customization options available for special specifications.

Input Power	AC 100-240V 50-60HZ
Motor Power	30-60W
Compressed Air	0.2-0.5 MPa
Thread Length	10-60 mm
Operational Control	Footswitch
Shell Material	304 Stainless Steel
Weight	9.5 KG
Dimension	29 × 24 × 21 cm

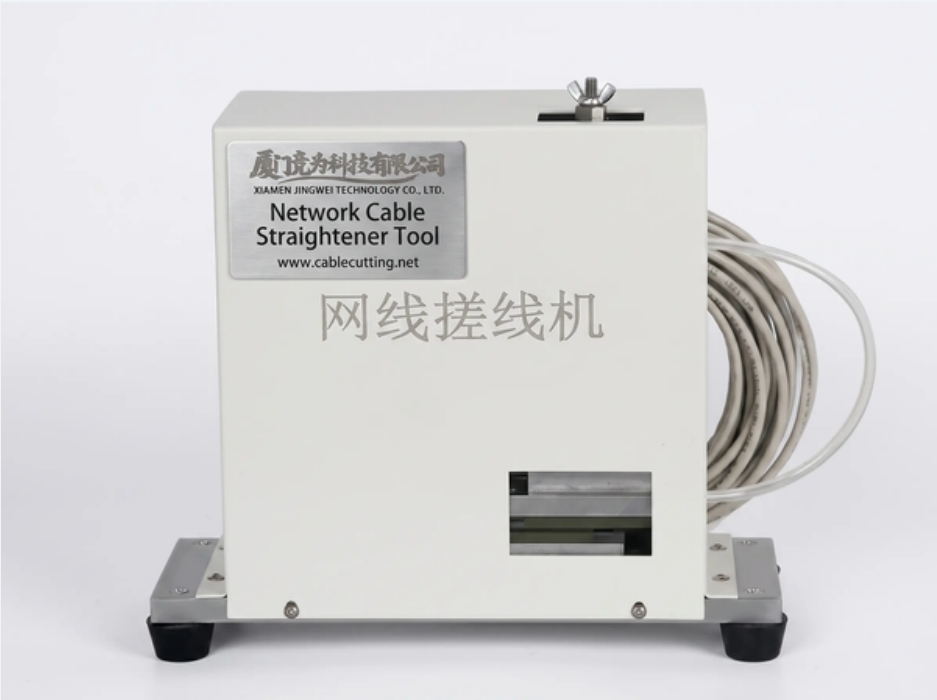


Automatic Braided Cable Brushing & Twisting Machine

Description

Specialized machine engineered for exceptional wire preparation of braided cables. Excels in multiple crucial functions including brushing wire strands to improve solderability and appearance, separating individual wires within braided cables for easier handling, and precisely twisting wires for optimal cable termination and organization. Features adjustable twisted wire length from 5 to 60 MM with customizable left-right twisting direction. Variable speed wire divider with infinite speed change accommodates different wire types and braiding densities. Compact and lightweight design with user-friendly operation requiring minimal training.

Length of Twisted Wire	5 – 60 MM
Twisted Wire Direction	Left-right adjustment
Speed of Wire Divider	Infinite speed change
Voltage	220V/110V, 50-60 HZ
Power	10 W
Air Pressure	4 – 6 KG/m²
Product Weight	12.5 KG
Product Size	320 × 310 × 200 MM
Number of Brush Wheels	3 MAX



Pneumatic Network Cable Straightener Tool for Cat5/Cat6

Description

Pneumatic network cable straightener suitable for the automotive, electronics, and electronic wire harness processing industries. Applicable for opening and straightening various braiding cable wires, shielded wires, cable wires, stranded wires, HDMI, multi-core industrial control lines, multicore Type C, USB 3.1 wires, and Cat 6 similar network cables. Features easy operation with quick learning curve, lightweight and portable design, reduced labor intensity, and quality assurance with long service life. After opening and straightening, it becomes significantly easier to crimp crystal head network cables.

Voltage	AC220-240V, DC24V, 3A
Power Mode	Pneumatic
Wire Opening Length	10-60mm
Suitable Wire Type	Multi-core opening and straightening
Control Mode	Foot pedal switch control
Weight	7 kg
Dimension	21 × 11 × 23 cm

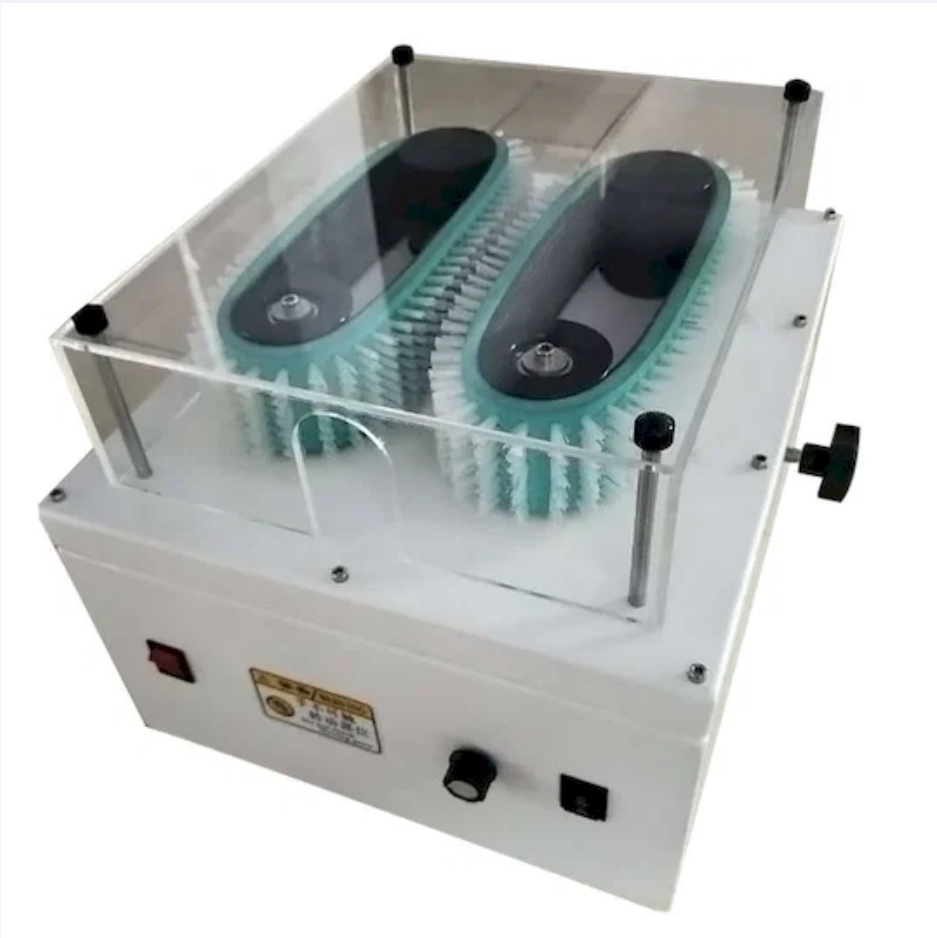


Automatic Cable Shield Braid Brushing Machine with Speed Control

Description

Top-tier tool engineered for professional cable manufacturers and technicians. Designed to streamline the critical process of cleaning and preparing cables by effectively removing unwanted materials from cable braids. Features forward and reverse rotation processing with integrated safety features including protective shield and positioning function. Controllable and adjustable speed allows optimization for different wire types and braid densities. Equipped with robust motor for high performance in demanding applications. Stable performance across wide working temperature range from -20° C to +50° C.

Applicable Wires	All shielded wires (winding & braided)
Wire Length	0-50mm
Working Temperature	-20° C to +50° C
Relative Humidity	60-85% RH
Working Current	DC 0-24V, 3-5A
Working Voltage	100V-240V, 50-60Hz, 1.5A
Weight	7.5 KG
Rotation	Forward and Reverse



Semi-Automatic Wire Shielding Mesh Brushing Machine

Description

Robust and advanced solution designed to optimize wire treatment processes. Features precision brushing mechanism specifically designed for effective impurities removal and significantly enhanced wire shielding quality. The powerful rotating brush system effectively combs out individual strands of the braided shield, leaving cables meticulously prepared for further processing such as termination or soldering. Offers adjustable settings for various wire sizes and materials, ensuring consistent results across a wide range of wire diameters from delicate signal wires to thicker power cables. Equipped with dual 300W motors for robust operation.

Voltage	220V (110V customizable)
Wire Diameter	1-30 mm
Combing Length	5-200 mm
Production Rate	0-1800 rev/min (adjustable)
Power	300W × 2
Weight	46 kg
Dimension	460 × 480 × 320 mm
Machine Type	Semi-automatic

Automatic Shielded Wire Mesh Brushing Machine

Description

Robust machine leveraging advanced brushing technology for thorough and efficient cleaning of wire mesh surfaces. Capable of continuous processing of wire braid, handling coaxial cables and special cables up to 200mm in length and 30mm in outer diameter. Features manual insertion operation mode for easy material handling, quick and convenient pulley spacing adjustment via rotating handle, and separated electronic and mechanical parts for easy maintenance. Built with integrated safety cover for enhanced operator protection. Delivers remarkably consistent quality results that significantly enhance the appearance of wire mesh products.

Brushing Wire Length	10-200mm
Applicable Wire Diameter	Up to 100 sq mm
Productivity	100-200 pcs/h
Breaking Structure	Rotating Belt Wheel (Pulley)
Rotation Mode	Electronic Control (0-1800 adjustable)
Torque	12.5 kg
Power Supply	AC220-240V, 50-60Hz
Weight	48 kg
Dimensions	420 × 480 × 320 mm





Automatic Shielded Wire Brushing & Twisting Machine

Description

Capable of straightening and twisting various types of shielded wires including ground wire, braided wire, and isolation wire. Compact and efficient design for professional wire processing with brush straight and twist functionality. Suitable for processing shielded wires with maximum diameter of 8mm and twisting length range of 10-80mm. Features DC 24V adapter output with low power consumption of 40W, making it energy-efficient for continuous operation.

Suitable Wires	Ground wire, braided wire, isolation wire
Wire Diameter	Max. 8mm
Twisting Length Range	10-80mm
Adapter Output	DC 24V 0.3A
Power	40W
Weight	12 kgs
Dimension	320 × 310 × 210 mm



Automatic Shielded Wire Twisting Machine for EMI Reduction

Description

High-performance solution meticulously designed for precision wire twisting across various industries. Engineered to deliver consistent and uniform twisting of shielding wires, significantly enhancing signal integrity and effectively reducing electromagnetic interference (EMI). Features automated clip hand take exposed design for easy wire handling with elastic clamping force that automatically adapts to varying wire sizes. Equipped with automatic drawing device ensuring smooth and consistent twisting. Includes automatic open-wire twisting chuck for seamless workflow with simple footswitch activation. Completely replaces manual twisting operations for increased efficiency and reduced labor costs.

Weight	3-kg
Power	60W
Voltage	AC220V 50Hz / AC110V 60Hz
Twisting Length	5-60mm
Operation	Automatic clip, foot pedal start
Adjustability	Adjustable twisting speed and pullback speed
Wire Handling	Automatic clip, elastic clamping
Suitable Wire Types	Shielding wire, braided wire

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