

Wire Solutions Machines

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Harness diagram

Full stripping	
Full stripping	
Full or partial strip left / right	
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Discrete wire processing	
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Coaxial cable processing	
Triaxial cable processing	
Micro-coaxial cable processing	
Multi-layer stripping	
Multi-layer with shield processing (Coax, Hybrid etc.)	
Multi-conductor cable processing	
Jacket and inner conductor stripping	
Flat or zipboard cable processing	

Terminal diagram

Flag terminal crimping	
Parallel double wire terminal crimping	
One-side twisted-tinning	
One head crimping, the other head stripping+tinning	
Crimping + heat shrink tube insertion + wire twisted tinning	
One head crimping sleeves insertion, the other head wire twisted tinning	
Crimping + heat shrink tube insertion + sleeves insertion	
Both ends crimping and heat shrink tube insertion	
Both ends crimping & tube inserting making	
Terminal crimping & one side tube insertion & laser marking	
Both ends crimping + One side heat shrink tube insertion	
Single head terminal crimping + seal insertion + full stripping	
Double head terminal crimping + seal insertion + full stripping	
Crimping + housing assembly + wire twisted timing	
Crimping + housing assembly + sleeves insertion	

WIRE STRIP SERIES



WireStripSeries

WS-01B

Automatic wire cut & strip machine.

Single conductor wire 0.1-4.5 mm²



Introduction

This series machine is suitable for stripping wire like PVC, Teflon, silicon wire and glass fiber wire etc. Widely used in harness processing industry for automotive electrical appliances, instrumentation, lamps household appliances, etc. 1. Fully automatic cutting and stripping, high cost performance. 2. Adopts LCD screen diealoge mode, simple operation and maintenance, stable performance. 3. The WS-01B can process two wires at one time, improve the work efficiency. 4. Integrated electrocomercial, microcomputer work fast speed and high precision.

Technical Data

Model	WS-01B
Features	Process one wire at one time.
Conductor Cross Section	0.1-4.5 mm ² .
Stripping Length	Head 0-35 mm. Tail 0-15 mm.
Cutting Length	1-999 9 mm.
Cutting Length Tolerance	$\leq(0.002*L)$ mm.
Intermediate Stripping	Max 11 sections.
Conduct diameter	Φ 6 mm
Production rate	3000 - 8000 pcs/h.
Drive method	4 wheels drive.
Display screen	Chinense / English LCD Screen.
Power supply	110/22VA C,50 / 60 Hz.
Power	200 W.
Weight	30 kg.
Dimensions	39*35*25.5 cm.

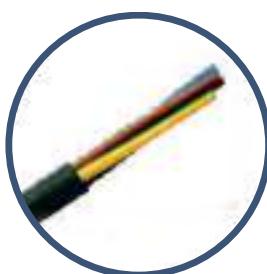


WireStripSeries

WS-30A

Automatic big wire cut & strip machine.

Belt transfer & Max 30 mm²



Introduction

WS-30A is used for automatically cable cutting and stripping different one core wires size, and also can cut and strip sheath cable jacket. Widely used for processing of new energy motors, charging stations, electronic control, high-Power Supply power cable wires used in BC.

1. Belt feeding wire, no indentation on cable. It's good for Silicone wire, high temperature wire and signal wire, etc.
2. Support long stripping length, max stripping length 200 mm.
3. Better cutting length tolerance control, high precision.
4. Stable performance, fast production rate.

Technical Data



Model	WS-30ATail 0-15 mm.
Conductor Cross-Section	4-30 mm ² .
Cutting Length	1-999 9 mm.
Cutting Length Tolerance	$\leq (0.002 \times L) \text{ mm.}$
Conduit Diameter	$\Phi 16 \text{ mm.}$
Production Rate	2,300 pcs/h (based on wire size).
Drive method	16 wheels drive.
Display screen	7 inch touch screen.
Tool Material	High quality imported high production rate steel.
Wire Feed Method	Belt feeding wire, no indentation on table.
Power supply	110/220VAC, 50 / 60 Hz.
Weight	115 kg.
Dimensions	84.5*54*62.5 cm.



WireStripSeries

WS-1 20A

Automatic wire cut & strip machine.

Belt transfer & Max 120 mm²



Introduction

WS-120A can full-automatic cut and strip big size cable, like the automotive industry power cable, electric control cabinet, battery box cable, new energy vehicle wiring harness, charging pile harness.

1. Easily processing cable below 120 sqmm, improving working efficiency.
2. Long stripping length.
3. Belt feeding cable, no embossing and scratches on the cable.
4. Uses specific axial positioning and advanced tool holders, improving accuracy and production rate
5. Optional auxiliary equipment: automatic wire feeder, wire collector etc.

Technical Data

Model	WS-1 20A
Features	Screw tool cutting.
Conductor Cross-Section	10-120 mm ² .
Stripping Length	Head 1-800 mm. Tail 1-260 mm.
Cutting Length	1-99 999 mm.
Cutting Length Tolerance	≤(0.002*L)mm.
Conduct diameter	Φ 30 mm
Production Rate	18000 pcs/h (based on wire sizes).
Drive method	32 wheels drive
Display screen	7 inch touch screen.
Wire Feed Method	Belt feeding wire, no indentation on table.
Power supply	110/220VAC, 50/60 Hz.
Power	3500 W.
Weight	240 kg.
Dimensions	120*72*146 cm.



WireStripSeries

WS-300A

Automaticbig cable cut & strip machine.

Belt transfer & Max 300 mm²



Introduction

WS-300A specially designed for extremely difficult cable stripping, max 300 sqmm cable, such as new energy charging pile wire harness, charging gun wire harness, new energy high power supply.

1. Uses specific axial positioning and advanced rotary tool holders. Improved accuracy and production rate.
2. With double blades, replace without calibration.
3. Automatically identify the machining center, increase production rate.
4. Digitally display screened cutting wire diameter, high-quality pneumatic components, more

energy-saving and stable.

Technical Data

Model	WS-1 20A
Features	Multi-station stripping V shape cutter / round knife piercing)
Conductor Cross-Section	10-120 mm ² .
Stripping Length	Head 1-800 mm. Tail 1-260 mm.
Cutting Length	1-99 999 mm.
Cutting Length Tolerance	≤(0.002*L)mm.
Conduct diameter	Φ 30 mm
Production Rate	18000 pcs/h (based on wire sizes).
Drive method	32 wheels drive
Display screen	7 inch touch screen.
Wire Feed Method	Belt feeding wire, no indentation on table.
Power supply	110/220VAC, 50 / 60 Hz.
Power	3500 W.
Weight	240 kg.
Dimensions	120*72*146 cm.



WireStripSeries

WS-R100A

Semi-automatic pneumatic rotary knife cable strip machine.

Max diameter 50mm



Introduction

This series semi-automatic rotary knife stripping machines are designed for extremely difficult processing big size cables. Widely used in single-strand soft wire, multi-strand soft wire, hard wire, sheath wire, flat wire stripping etc.

1. Large diameter cable is available.
2. Strong stripping ability.
3. With special axial positioning and double-rotating blade cutter tools, high-precision rotation.
4. Good performance and cost-effective.

Technical Data

Model	WS-R100A
Available Wire Dia	10-25mm
Stripping Length	1-100mm
Stripping Tolerance	±0.2mm
Production Rate	20-40 pcs/min
Stroke	0-100mm
Features	Pneumatic rotary stripping
Control System	Dedicated controller
Air Connection	0.5-0.7 Mpa
Power supply	110/220VAC, 50/60Hz
Power	100 W.
Weight	80 kg.
Dimensions	100*33*43cm



WireStripSeries

WS-30HTA

Automatic large multi-cores cable cut & strip machine.

Jacket and inner core stripping
& Belt transfer & Max 30 mm²



Introduction

The WL-30HT is designed for multi-cores cable full-automatic cutting and stripping both jacket and inner cores. It supports max 7 cores sheathed cable processing.

1. One machine ok for different wire sizes
2. Long stripping length, max 200mm
3. Belt feeding for wire, no press marks and no scratches on cable
4. Adopts 16-wheels drive, silent hybrid stepper motor and servo tool holder, work stable

Technical Data

Model	WS-30HTA
Available Wire Dia	10-25mm
Stripping Length	1-100mm
Stripping Tolerance	±0.2mm
Production Rate	20-40 pcs/min
Stroke	0-100mm
Features	Pneumatic rotary stripping
Control System	Dedicated controller
Air Connection	0.5-0.7 Mpa
Power supply	110/220VAC, 50/60Hz
Power	100 W.
Weight	80 kg.
Dimensions	100*33*43cm



WireStripSeries

WS-8070A

LargeGaugeCable Cutting and Stripping Machine



Introduction

This machine is a new type of cable processing equipment controlled by microcomputer. It is mainly used in the automotive industry, power cable, electric control cabinet, battery box cable, new energy vehicle wiring harness, charging pile harness, charging gun wiring harness, BV hard wire, and BVR soft wire.

1. It can set the length of the wire as needed, set the head peeling and tail peeling, which greatly improves the efficiency.
2. Automatically cut and strip the insulation at both ends, and can also carry out multi-level stripping processing at the same time.
3. Automatically cut and strip the insulation at both ends, and can also carry out multi-level stripping processing at the same time.
4. Industrial grade control chip with high-precision motor and driver, enabling the machine to operate at high speed for a long time

Technical Data

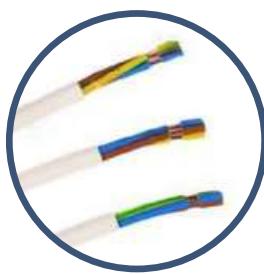
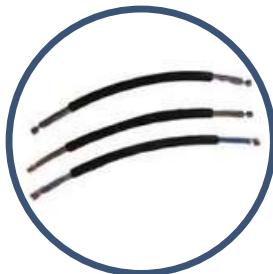
Model	WS-8070A
Display mode	7 inch real color touch screen
Function	Wire cutting and stripping
Head stripping	RV cable is up to 120mm, and sheathed wire is up to 500mm
Tail stripping	up to 260mm
Cable types	PVC cables, sheathed wires, etc.
Stripping size	10-70 mm ²
Cutting length	0.1-99999.9mm
Cutting tolerance	within 0.002*L(L=cutting length)
Max diameter	Φ25
Blades material	imported high speed steel
Capacity	1800 PCS/h
Driving mode	32 wheel drive (silent hybrid stepping motor, servo tool holder)
Feeding method	Feeding with belt, the cable has no indentation
Remark	The machine can be customized for processing special cables, and the sample cable should be sent to us for testing



WireStripSeries

WS-30SX_A

WireCutting&Stripping Machine with Cable Stacker



Introduction

This is a fully automatic wire cutting and stripping machine with a cylinder manipulator and a 2m wire take-up device. It is able to strip outer skin and inner core skin of multi-core jacket cables simultaneously. The applicable wire sizes range from 4-30 sq mm.

1. Function: wire cutting and stripping + cylinder manipulator + 2M wire take-up device.
2. Applicable wire sizes: 4-30 mm².
3. Strip outer skin and inner core skin of multi-conductor cables simultaneously.
4. Drive mode: 16-wheel drive (silent hybrid stepper motor, servo tool holder).
5. Belt feeding wires, no embossing and scratches.

Technical Data

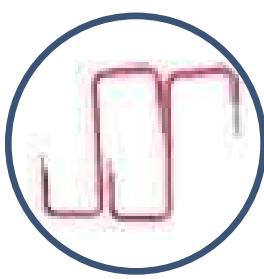
Model	WS-30SX _A
Display	7 inch true color touch screen
Function	Cutting and stripping+cylinder manipulator + 2M wire take-up device
Head stripping Tail	1- 190mm
stripping Wire type	1- 120mm
Stripping range	Sheathed cables, PVC cables, etc.
Cutting length	4-30mm ²
Cutting tolerance	1mm-99999.9mm
Max catheter diameter	Within 0.002*L (L=cutting length)
Tool material	Φ16
Capacity	High quality imported high speed steel
Remarks	2300pcs/h (depending on the length and size of the cable)
	The machine can be customized for processing special cables, and the sample cable should be sent to us for test.



WireStripSeries

WS-05Z

Automatic wire cut & strip & bend machine.



Introduction

This series machines is used for cutting, stripping and bending hard wires. Support two wire ends stripping and different shapes bending. WL-ZW6 is used for small wire , with keypad button operation. WL-ZW16/25/35 used for big wire, touch screen operation. Suitable for the jumper wire of the electric control cabinet, bending wire of the meter box, forward and reverse jumper wire of the contactor, table box, watch cabinet and other hard wires that need to be bend and stripped etc.

1. Excellent bending consistency, and eliminate manual operation error
2. Automatic stripping and bending, improve work efficiency
3. Equip with Shangyin linear slide, precision pneumatic pressure roller, more precision, more
4. Support almost arbitrarily adjust angle and bending length complete functions

Technical Data

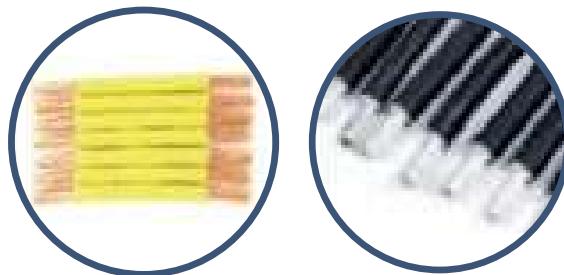
Model	WL-D5Z
Conductor Cross-Section	1-6mm ²
Cutting Length	0.5-2.5mm ²
Stripping Length	6-12mm
Cutting Length Tolerance	≤(0.001*L)mm
Bending Length	Can be set
Bend Shape/Angle	Shape U,Z,clockwise, counterclockwise bend, 30°,45°,60° and 90°.
Production Rate	L=100mm, 2000-3000pcs/h
Conduit Diameter	GenerallyΦ10mm, can custom according to wire size
Power Supply	110/220VAC, 50/60Hz
Power	600W
Weight	55kg
Dimensions	53*53*40cm



WireStripSeries

WS-04B

LargeCableCutting and Stripping Machine.



Introduction

This series machine is suitable for stripping big size cable. Widely used in wire harness processing industry for automotive electrical appliances, instrumentation, lamps, household appliances, etc.

1. Fully automatic cutting and stripping, high cost performance
2. Adopts LCD screen dialogue mode, simple operation and maintenance, stable performance
3. Integrated electromechanical, microcomputer, work fast speed and high precision
4. Length can be set in a large range

Technical Data

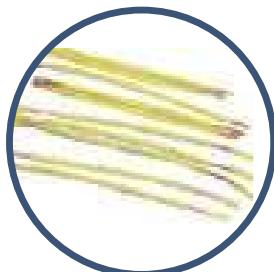
Model	WS-04B
Conductor Cross-Section	0.3-25mm ²
Available Wire Size	AWG8 - AWG32#
Cutting Length	1-100000mm
Stripping Length	Head 0-100mm, Tail 0-100mm
Cutting Length Tolerance	$\leq \pm(0.001*L)$ mm
Intermediate Stripping	Max 16 sections
Conduit Diameter	$\Phi 13$ mm
Production Rate	L=100mm, 4000-5000pcs/h
Drive Method	4/8 wheels drive
Display Screen	Chinese / English LCD Screen
Power Supply	1 10 / 220VAC, 50/60Hz
Power	800W
Weight	37kg / 71kg
Dimensions	54*53*41cm / 70*70*60cm



WireStripSeries

WS-2015CA

Semi-automatic pneumatic wire strip machine.



Introduction

WS-2015CA is a pneumatic wire and cable stripping machine. It's the perfect solution for stripping discrete wires and small multi-cores cable.

1. Special pneumatic sensor switch control, accurate stripping, fast response and high efficiency.
2. Pure pneumatic control, no need electric power.
3. V shape knife, more versatile, don't need change knife for different wire.
4. Stripping length, half stripping distance, cutter depth can be adjusted by quick knob.
5. Compact design, small size, easy to move.

Technical Data



Model	WS-2015CA
Conductor Cross-Section	0.03-2.08mm ²
Available Wire Size	AWG14 - AWG32#
Available Wire Dia	Max 3.2mm
Stripping Length	6-12mm
Setting Dia Precision	0.01mm
Production Rate	800-1000 pcs/h
Air Connection	0.5-0.8 Mpa
Weight	3.0 kg
Dimensions	26.5*7*13.5cm

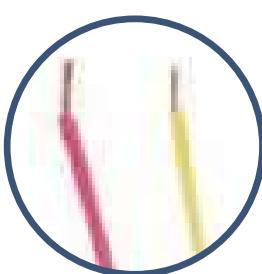


WireStripSeries

WS-180A

Semi-automatic electric wire stripping and twisting machine.

Max diameter 8mm



Introduction

This series machines worked by the micro-motor. Used for wire twisting. WL-180 and WL-D01 apply for the one conductor and multi conductors cable, stripping and twisting lines are completed at the same time. WL-NXJ apply for a variety of ground wire, woven network cable, isolation line twist, carding and twisting wire.

1. Work with electricity only, low energy consumption, low voice.
2. WL-180A supports process several wires one time.
3. Easy to operate, safe and practical.
4. Good price and fast speed, a good choice to replace the manual operation.

Technical Data

Model	WS-180A
Features	Stripping & twisting
Available Wire Dia	1-4mm
Stripping Length	2-20mm
Twisting Length	2-20mm
Power Supply	110/220VAC, 50/60Hz
Power	3500 W
Weight	6kg
Dimensions	21*12.5*15.5cm

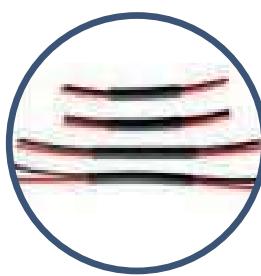


WireStripSeries

WS-HT2A

Automatic multi-cores cable cut & strip machine.

Flat & Round multicores cable 0.1 - 10mm².



Introduction

This series machines are designed for round sheathed cable and flat sheathed cable.

1. Fully automatic cut and strip jacket and inner cores both.
2. The flat catheter size can be customized.
3. Adopts LCD screen dialogue mode, simple operation.
4. Integrated electromechanical, microcomputer, work fast and high precision.

Technical Data

Model	WS-HT2A
Available Wire	Round sheathed cable
Available Wire Size	0.1-10mm ²
Cutting Length	1-100000mm
Cutting Length Tolerances	$\leq \pm (0.0001 \times L) \text{mm}$
Stripping Features	Stripping jacket
Stripping Length	Head 0-150mm; Tail 0-150mm
Intermediate Stripping	Max 3 sections
Conduit Diameter	$\Phi 13\text{mm}$
Production Rate	L=100mm, 3000-6000pcs/h
Display Screen	Chinese / English LCD Screen
Power Supply	110/220VAC, 50/60Hz
Power	450W
Weight	47kg
Dimensions	53*53*40cm

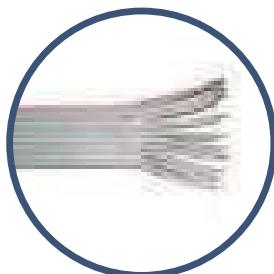


WireStripSeries

WS-BPX2A

Automatic flat cable wire cut & strip machine.

Stripping 2-12P flat cable.



Introduction

The WL-BPX2 is specially used for flat cable stripping, widest 12P. Processing methods include cutting, stripping and splitting wire. Widely used in wire harness processing industry for automotive electrical appliances, instrumentation, lamps, household appliances, etc.

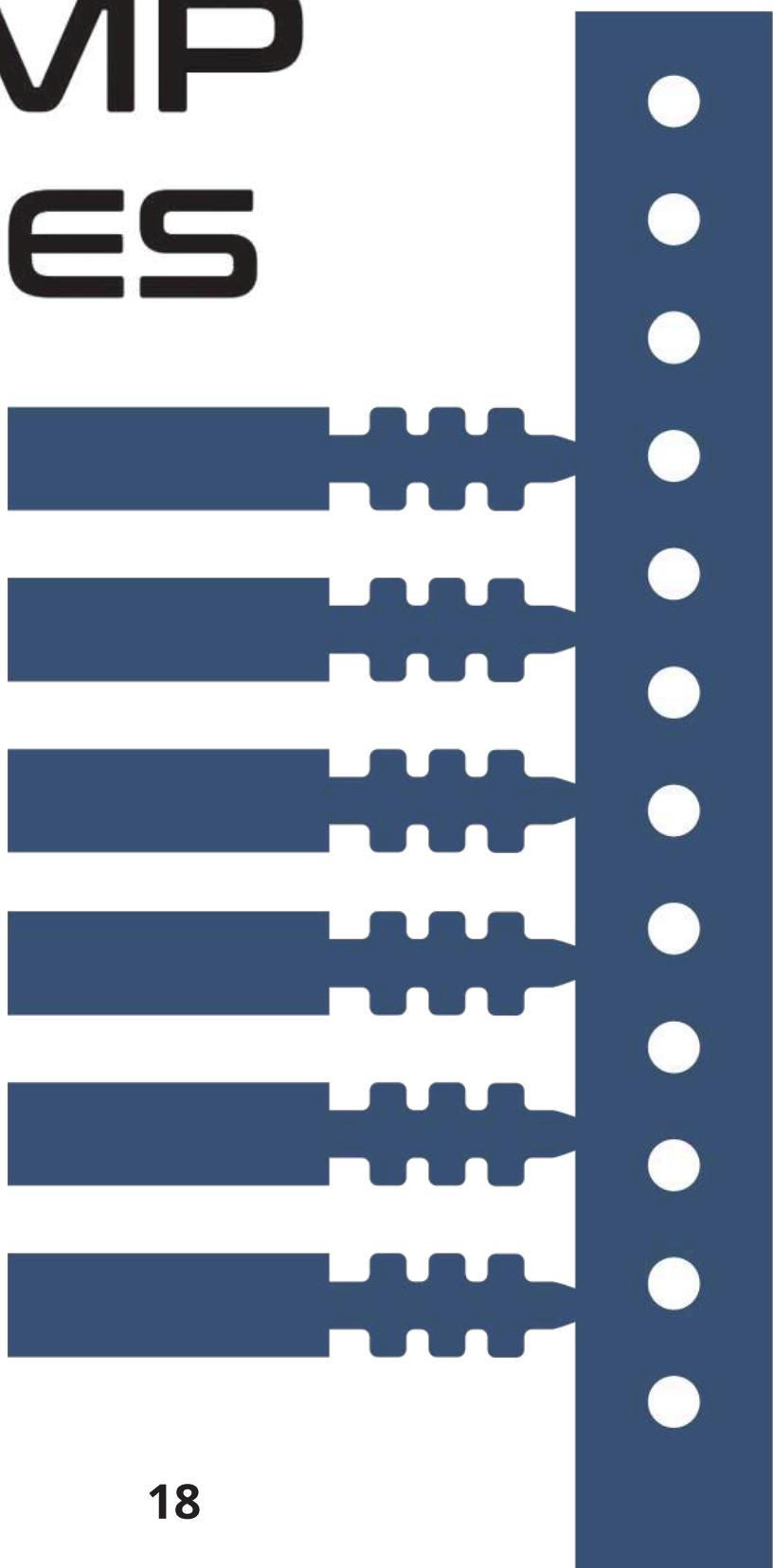
1. With splitting wire function
2. Suitable for different size flat cable, the flat catheter size can be customized
3. Length can be set in a large range
4. Simple operation and convenient maintenance
5. Fast speed, high precision and stable performance

Technical Data

Model	WS-BPX2A
Features	With wire splitting function
Available Wire Size	2-12P flat cable
Cutting Length	1-100000mm
Stripping Length	Head 0-15mm, Tail 0-15mm
Cutting Length Tolerance	Dia 6/8/10mm
Intermediate Stripping	Max 13 sections
Production Rate	L=100mm, 3000-5000pcs/h
Conduit Diameter	Flat 100*22*2.8mm
Display Screen	Chinese / English LCD Screen
Drive Method	4 wheels drive
Power Supply	1 10/ 220VAC, 50/60Hz
Power	3500 W.
Weight	240 kg.
Dimensions	120*72*146 cm.



TERMINAL CRIMP SERIES



TerminalCrimpSeries

WS-1 .5TA

Semi-automatic mute terminal crimp machine.

Output 1.5T - 8T, various terminals.



Introduction

This series semi-automatic terminal crimping machines are suitable for various terminals, very easy to change the applicator. Suitable for crimping computer terminals, DC terminal, AC terminal, single grain terminal, joint terminal etc.

1. Built-in frequency converter, high production rate and low noise
2. Crimping dies designed according to your terminal
3. Production rate is adjustable
4. Support manual mode and automatic mode, easy to change
5. LED display shows crimped terminals quantity



Technical Data

Model	WS-1 .5TA
Crimp Force	1.5Ton
Stroke	30mm (custom available)
Stripping Tolerance	±0.2mm
Production Rate	20-40 pcs/min
Stroke	0-100mm
Power supply	110/220VAC, 50/60Hz
Power	550 W.
Weight	80 kg.
Dimensions	100*33*43cm



TerminalCrimpSeries

WS-2PCA

Semi-automatic pre-insulated terminal strip & crimp machine.



Introduction

The WL-2PC mainly for the crimping international standard ring terminal. Threading, stripping and crimping are completed in one time.

1. Complex process can be simplified, production rate is 3-4 times as manual working
2. No need to change the vibration plate in the scope of the terminal
3. Automatically adjusted wire striping diameter and the crimping height
4. Sensitive pneumatic induction control is adopted, and the pressure is fast



Technical Data

Model

Available Wire Size	WL-2PC
Conductor Cross-Section	AWG13-AWG21#
Stripping Length	0.5-2.5mm ²
Applicable Terminal	6-12mm
Air Connection	Dia 6/8/10mm
Power supply	0.5-0.7 MPa
Power	110/22VA C,50 / 60 Hz. 3500 W.
Weight	240 kg.
Dimensions	120*72*146 cm.



Terminal Crimp Series

WS-R01A

Automatic wire cut strip & one head terminal crimp tin dip machine.



Introduction

This series machines support wire one head stripping and terminal crimping and another head stripping twisting and dipping tin.

1. Can be equipped with horizontal and vertical applicator
2. Imitation of dipping tin by hand, accurate, clean and neat
3. Crimping parts with ultra-quiet, low noise and uniform intensity
4. With automatically wipe clean function, no tin dust
5. Compact structure, short machining stroke and high efficiency

Technical Data

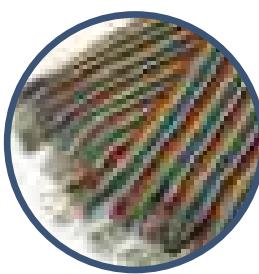
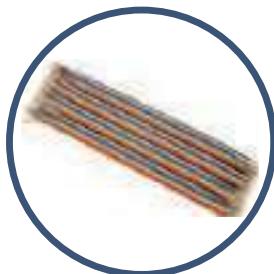
Model	WL-R01A
Features	Regular wire
Available Wire Size	AWG18-28#
Product Features	Wire cut off, double-ended stripping, crimping on one end, twisted wire on one end
Cutting Length	35-999mm
Stripping Length	2-10mm
Length Tolerance	$\leq \pm 0.2\% * L$
Twisting Length	2-10mm
Machine Production Rate	About 4200 pcs/h
Detection Device	Lack wire detection, Lack terminal detection, Crimp detection, Pressure detection
Air Connection	0.5-0.7MPa
Power Supply	110/220VAC, 50/60Hz
Weight	240 kg.
Dimensions	120*72*146 cm.



Terminal Crimp Series

WS-SP01A

Automatic double-side strip twist & tin dip machine.



Introduction

WL-SP01 support flat cable cutting, separating, stripping and one-side or two-sides terminal crimping.

1. Cost saving, and all processes are fully automated
2. Using stepper motor ensuring continuity performance, accuracy
3. Microcomputer control, driven by cylinder, accurate positioning and work fast
3. Detecting device: presence or absence of wire, terminal presence, pressure detection, wire breakage abnormality
4. Crimping balanced and neatly, good consistency and stable quality

Technical Data

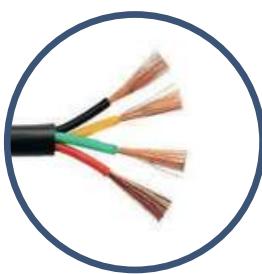
Model	WL-SP01A
Available Wire Size	AWG18# - AWG32#
Available Cable	3-20P flat cable (20-40P can custom)
Splitting Length	25mm or more
Cable Length	≤60mm
Air Connection	0.5MPa-0.7MPa
Production Rate	15000 terminal/h
Power Supply	110/220VAC, 50/60Hz
Power	2800W
Weight	620kg
Dimensions	180*160*180cm



TerminalCrimpSeries

WS-2015DA

Electric Discrete Wire & Multi-core Cable Stripper.



Introduction

The WS-2015DA electric wire stripper can process discrete wires, solid wires, single-stranded wires, single-core cables, multi-core cables, rubber wires and PUR PVC Teflon wires.

1. Suitable for stripping discrete wires and small multi-conductor cables.
2. Extremely short cycle times.
3. No need to change blade.
4. Being able to strip very short cables.

Technical Data

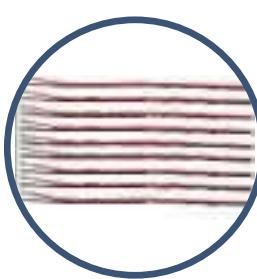
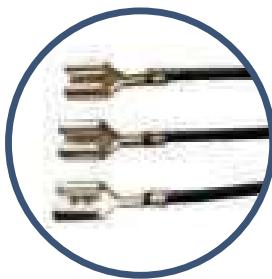
Model	WL-2015A
Features	Regular wire
Available Wire Size	AWG18-28# 0.5-2.5mm ²
Cutting Length	
Stripping Length	6-12mm
Length Tolerance	Dia 6/8/10mm
Twisting Length	0.5-0.7 MPa
Production Rate	110/22VA C,50 / 60 Hz.
Detection Device	Lack wire detection, Lackterminal detection, Crimp detection, Pressure detection
Air Connection	0.4-0.6MPa
Power Supply	1 10/ 220VAC,50/60Hz
Power	3500 W.
Weight	240 kg.
Dimensions	120*72*146 cm.



Terminal Crimp Series

WS-2017CA

Inductive Electric Cable Stripping Machine.



Introduction

The WS-2017CA is a pure electric wire stripping machine, which comes with multiple cable processing modes: half strip, full strip, double-layer strip and more.

1. Pure electric wire stripping machine, high precision, simple and convenient debugging.
2. High accuracy, no need for foot switch.
3. Multiple processing modes meet different types of wire processing. (half strip, full strip, double-layer strip, etc.)
4. It adopts a 90-degree V-shaped knife edge design, which has strong versatility and does not need to change the blade when processing different wires.
5. Both the gripper and the knife edge adopt the translation principle to ensure that the center height remains the same when processing different wire diameters.
6. Up to 30 sets of processing parameters can be stored



Technical Data

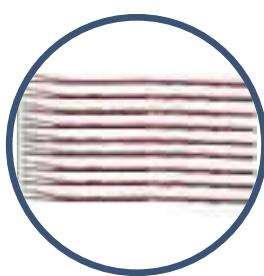
Model	WS-2017CA
Processing range	AWG30-AWG4 (0.04-20 square mm)
Function	half strip, full strip, double-layer strip, etc.
Production capacity	1800-2000 pieces/hour (depending on operating proficiency)
Stripping Length	1mm-40mm
Adjustment accuracy	0.05mm
Working voltage	AC220V 50/60Hz
Weight	20kg
Dimensions	500mm*620mm*300mm



TerminalCrimpSeries

WS-D01A

Automatic single head wire cut strip & terminal crimp machine.



Introduction

This is a fully automatic single-end terminal crimp machine, one side stripping and twisting, another side stripping and crimping.

1. Support many types of wires
2. The four-wheel feeding mechanism ensures the accuracy and stability of the feeding
3. High quality and high-precision components to ensure the final products reliable quality
4. Visualization touch screen reducing the operation difficulty
5. Can store the processing parameters of different wires

Technical Data

Model	WL-D01A
Features	Regular wire
Available Wire Size	AWG18-28# 35-999mm
Cutting Length	0-10mm
Stripping Length	0-10mm
Length Tolerance	$\leq \pm 0.2\% * L$
Twisting Length	2-20mm
Production Rate	About 4200 pcs/h
Detection Device	Lack wire detection, Lack terminal detection, Crimp detection, Pressure detection
Air Connection	0.4-0.6MPa
Power Supply	110/220VAC, 50/60Hz
Power	1800W
Weight	About 240kg
Dimensions	120*60*200cm



Terminal Crimp Series

WS-SHCJKA

Multi-Conductor Cable Connector Housing Assembly Machine.



Introduction

This is a semi-automatic connector housing assembly machine for multi-conductor cables. It is able to process multi-core cable stripping, terminal crimping and connector housing inserting in one pass.

1. Simple and intuitive touch screen.
2. Function: multi-core cable stripping, terminal crimping and connector housing inserting.
3. Support installing CCD visual inspection system to detect defective products.
4. Adopt closed-loop stepping and servo motor drive, lead screw drive to improve accuracy, to ensure high quality products.
5. Can store the processing parameters of different wires.

Technical Data

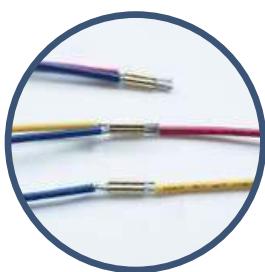
Model	WS-SHCJKA
Wire size	Ø0.6mm-Ø2.5mm
Wire type	AV, AVS, AVSS, CAVUS, KV, KIV, UL, IV Teflon, etc.
Number of core wires	≤12 cores
Outer jacket stripping length	2-5 cores ≥ 34mm, 6-12cores ≥40mm
Core wires stripping	0.5-10mm, stripping deviation: 0.05-0.1mm
length Terminal type	Open horizontal feed continuous terminal
Crimping force	1.5T
Gas source	0.5-0.6MPa
Power	2000W, 200V-240V 50/60Hz
Weight	300 KG.
Dimensions	L1 265xW1 200xH 1750mm



Terminal Crimp Series

WS-3TA

Copper Strip Crimping Splicing Machine.



Introduction

The wire splicing machine provides an advanced method for producing low-cost, high-reliability connections. The system is comprised of a semi-automatic machine and a reel of continuous splice copper band material, and it's available with a range of crimping die types and splice copper band sizes to meet a variety of production requirements.

1. The stepping motor drives the feeding, digitizes the length, the adjustment is simple and fast, and the feeding is stable.
2. The diameters of main axle and eccentric shaft are expanded to lead the main axle to have better intensity and be more durable.
3. The optimized box structure with the machine head in the box, has stronger bearing strength than the traditional machines in which four screws are used to connect the machine head to the middle base.

Technical Data



Model	WL-D01A
Voltage	AC220/60HZ
Motor Power	750W/RV63/ 1:15
Crimping Force	2.5T
Copper Strip Feeding Mode	Motor Drive / Step Feeding
Maximum Copper Strip Length	60MM/Maximum Copper Strip Length 22MM
Maximum Copper Strip Width	6MM
Maximum Crimping Width	6.5MM
Maximum Crimping Diameter	6mm 2 X 2
Operation Mode	Pedal Switch / Single Action
Dimensions	300 x 300 x 400 (MM)



Terminal Crimp Series

WS-TG210A

WireShrinkableTubing Plugging-in and Shrinking Machine.



Introduction

This machine is suitable for wearing heat shrinkable sleeves onto AC, DC cables and other electronic wire ends, as well as cable terminals.

1. This machine can automatically cut heat shrinkable tubing into required length.
2. The operator inserts the wire end into the guide hole, stepping on the foot switch, and the device will heat shrink the tubing automatically.
3. The shrinkable tubing length, specifications, and heat shrink temperature can be adjusted by changing settings and replacing corresponding accessories.

Technical Data

Model	WS-TG210A
System control mode	PLC/touch screen
Display	4.3 inch colorful TFT
Applicable sleeves OD	2.0φ/8.0φ (optional fixture)
Hot-melt length	hot-melt length (optional fixture)
Operating temperature	0°C-50°C
Storage temperature	-20°C-60°C
Operating humidity	10%RH-90%RH (no condensation)
Production efficiency	800~2,500 PCS/H
Operation cycle	2.5 seconds
Melting temperature	200°C-380°C
Cooling method	forced air cooling
Air pressure	6.5/7.0KPa (compressed air must be dry, sufficient and oil-free. Otherwise it will affect the performance of the equipment).
Power Supply	AC220V 50/60HZ
Power	3500 W.
Weight	240 kg.
Dimensions	120*72*146 cm.



Terminal Crimp Series

WS-SXJ2A

Automatic Wire Coiling Machine.



Introduction

This automatic cable looping machine can be used with our fully automatic wire cutting and stripping machine. It is suitable for winding long wires into big coils without additional collecting devices.

1. This wire looping machine can be used with our fully automatic wire cutting and stripping machine.
2. It is suitable for winding long wires into big coils without additional collecting devices.

Technical Data

Model	WS-SXJ2A
Function	Wire and cable picking up and coil winding
Applicable wire	Cables, PVC wires, etc.
Rolling diameter	200-680mm
Rolling speed	1.5M /s
Drive mode	Servo motor, adaptive with speed, digital adjustment of speed ratio.
Safety door	Standard, pneumatic, automatic
Remarks	We provide custom service for special cables, and cable samples are required for testing.



Terminal Crimp Series

WS-68210CA

Multi-core Cable Stripping and Crimping Machine.



Introduction

The multi-conductor cable core wires stripping and connector crimping machine can complete wire feeding, inner core stripping, terminal crimping accurately and continuously.

1. The multi-core cable core wires stripping and connector crimping machine can complete wire feeding, inner core stripping, terminal crimping accurately and continuously.
2. This machine is especially designed for processing the core wires of multi-conductor sheathed cable. The outside jacket should be pre-stripped before using this machine, and the operator only need to place the cable in the working position, then the machine will strip wire and crimp terminal automatically. It greatly improves the multi-core sheathed cable processing efficiency.
3. The control system adopts PLC and color touch screen, the moving parts are driven by servo motors, simple operation and high processing accuracy.

Technical Data

Model	WS-68210CA
Function	Core wires straightening, insulation stripping and terminal crimping
Terminal range	1.25-187 250
Wire range	AWG18-AWG28
Stripping length	1.5mm-8mm
Crimping force	1.5 Ton (2.0 Ton available)
Efficiency	700pcs/H (Shortest 70mm, longest without limitation)
Voltage	Single phase AC220V/50/60Hz
Power mechanism	Lisan closed loop stepping motor.
Movable mechanism	Full screw slider movement
Air cylinder	Starway CDU20*15 2pcs, TN10*70 1pc MH2Y-16D 1pc, TDA10*101pc,CQ2B25-152pcs CQ2B30-201pc
Air-in	Oil-water separator 8 solenoid valves
Air pressure	4-6kgf (0.4-0.6Mpa) (use clean and dry air)
Mechanical part	One OTP mold, terminal crimp machine, 3F stripping mechanism, and wire straightening mechanism
Gross weight	270kg.
Dimensions	83*65*148cm.



Harness Assembly Series



HarnessAssemblySeries

WS-40A

Automatic single head wire cut strip & terminal crimp machine



Introduction

This machine can wind wire to round shape & 8 shape and automatic cut the cable tie wire & twist it. It is widely used to bundle AC/DC power cord, USB data cable, video cable, HDMI cable, and other types of transmission wires.

1. It is equipped with step motors, adopted PLC touch screen to control cable tie length.
2. The winding speed and winding cycle are both adjustable.
3. Improve the working efficiency compared with the manual operation.
4. Reasonable price and good quality, easy to operate.

Technical Data

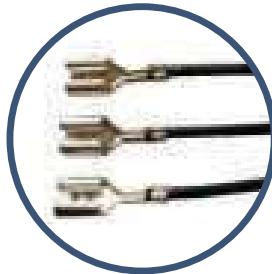
Model	WS-40A
Length of 8 Shape	50-200mm(can be adjusted, can be customized)
Dia of Round Shape	Φ50-200mm(can be adjusted, can be customized)
Winding Speed	Can be set, 30 speed options
Number of Windings	Can be set, 1-999 cycles
Bundling Diameter	Φ30-60mm
Cable Tie Length	150-260mm
Number of Bindings	Can be set, 2-6 cycles are good
Cable Tie	Plastic or rubber coated iron core wire
Power Supply	110/ 220VAC,50/60Hz
Power	3500 W.
Weight	240 kg.
Dimensions	120*72*146 cm.



HarnessAssemblySeries

WS-430A

Wire Sticker Folded Flag Label Machine



Introduction

This is a semi-automatic flag labeling machine to stick labels, bar code, etc. to cable and wire. It is widely used in electronics industry, wire & cable industry, food and other industries.

1. Servo motor for precise positioning.
2. German SICK label electric eye quickly senses the label gap to complete labeling and complete the identification.
3. Reasonable mechanical structure design ensures smooth and stable label delivery.
4. Convenient application, can be adjusted in a wide range, realize the folding and labeling of

different specifications of wire harness products.

Technical Data

Model	WL430A
Applicable wire range	φ0.3-5, φ3.0-5.5, φ4.0-10mm, need to customize exceeding 10mm
Labeling accuracy	±0.2 (excluding product and label errors)
Labeling speed	1500-1800pcs/H(depending on label size and manual operation speed)
Applicable product size	All kinds of round wires, flat wires, water pipes and other product
Applicable label size	Standard model length: 20mm~180mm (need to customize beyond the scope) Standard model width: 5mm~45mm; (need to customize beyond the scope)
Equipped with standard positioning ruler	200mm (need to customize beyond the scope)
Max label roll outer diameter	240mm
Max label roll inner diameter	76mm
Air pressure	4-6bar
Relative humidity	(20-90)%RH
Ambient temperature	+5-+40°C
Power Supply	220V/50HZ, 0.25KW
Power	3500 W.
Weight	About 86kg
Dimensions	About 580mm*680mm*1000mm (length*width*height)



Others

WS-F680A

Cableprefeeding machine.



Introduction

The WL-F380, WL-F680 and WL-F800 are used for feeding thick wire from cable wire reel. It can be work with full automatic wire cutting,stripping and crimping machines and other machines.

1. High-speed feeding wire or cable from reel.
2. Need to check the cable spool size.
3. Special cable can be customized, sample test is required.

Technical Data

Model	WL-F680A
Available Wire Diameter	$\leq \Phi 25\text{mm}$
Available Spool Diameter	$\leq 600\text{mm}$
Max Load Weight	400kgs
Feeding Speed	0-50m/min
Available Wire	Wire, cable, PVC, etc.
Drive Type	Inverter & motor & reducer
Production Rate	110/22VA C,50 / 60 Hz.
Detection Device	Lack wire detection, Lackterminaldetection, Crimp detection, Pressure detection
Power Supply	1 10/ 220VAC,50/60Hz
Weight	135kg
Dimensions	104*62*140cm



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