

**BOZWANG**



**HIGH-TECH AUTOMATIC  
WIRE HARNESS PROCESSING  
MACHINE MANUFACTURER**

2021

English



**JIANGSU BOZHIWANG AUTOMATION EQUIPMENT CO.,LTD**

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**JIANGSU BOZHIWANG AUTOMATION EQUIPMENT CO.,LTD**

COMPANY PROFILE

Jiangsu Bozhiwang Automation Equipment Co., Ltd. is a large-scale intelligent wire processing equipment manufacturer in China, located in the center of the beautiful and rich Yangtze River Delta---China's famous industrial equipment manufacturing base Changzhou City, Jiangsu Province. The company covers an area of 40,000 square meters and a building area of 45,000 square meters with more than 400 employees, including more than 300 outstanding technicians. The company has successively passed ISO9001, QS-9000, CE certification, TUV certification, and has obtained Jiangsu High-tech Enterprise, Jiangsu Credit Enterprise, Changzhou Technology Entrepreneur Unit, Jiangsu Excellent Private Enterprise, Jiangsu Key Private Technology Enterprise, Jiangsu Wire Harness Production Intelligent Complete Equipment Engineering Technology Research Center and Jiangsu Trustworthy Enterprise and many other company honors, and developed a number of products with independent intellectual property rights, and obtained more than 60 invention patents, more than 100 utility model patents and 100 new appearance patents, the technology and comprehensive strength of product research and development ranks the top among the nationwide.

Since its establishment, the company has continued to develop and create more high-end automation equipment, relying on the brand strategy advantages of high starting point and high standards, and the management philosophy of "focus, excellence, innovation, and struggle", and has cultivated a large number of high-quality professionals, laying a solid foundation for ensuring high-quality. At the same time, the company has formulated a development policy guided by intelligent technology, researched and developed intelligent products with independent intellectual property rights, every year to invest a lot of technology research and development, and product upgrades and technical reconstruction funds, the main technical indicators and comprehensive strength of product research and development among the top of the national counterparts, new innovations, new technologies, new processes and new products are continuously being introduced to the market.

In the production process, the company strictly

follows the ISO:9001 quality standard for daily production and management. It mainly focuses on the automotive, photovoltaic and new energy industries and has developed and produced a series of automatic processing equipment with high quality, stable performance and high efficiency, mainly include automotive wiring harness/HSD/FAKRA radio frequency wire harness/new energy wiring harness and other related semi-automatic and fully automatic intelligent production lines, automatic double ends terminal machine with seal inserting, automatic ribbon cable terminal machine, automatic single-double-end terminal crimping machine, automatic wire stripping machine, JB box automation equipment, new energy automation equipment, and a complete set of equipment series for various semi-automatic wire harness processing. With the increasing annual output of the company, it has reached an annual output of more than 20,000 sets of intelligent assembly lines and various wire harness processing equipment, and the production equipment has the characteristics of high precision, high degree of automation, and strong supporting performance of the whole machine.

Our products have been exported to South Korea, Vietnam, Thailand, Indonesia, Malaysia, Singapore, India, Iran, Russia, Turkey, Italy, Poland, South Africa, the United States, Canada, Argentina, and other overseas markets, and in South Korea, Vietnam, India, Spain, Italy, Russia, Brazil, Mexico and other countries set up branches and authorized agent companies to provide efficient and high-quality services to customers around the world, so as to make Bozhiwang stronger and longer, and strive to become the leader of Chinese manufacturing and attentively build an international brand image.

Facing the development opportunities and challenges in the new century, all employees of "Bozhiwang" are united together, and on the basis of inheriting and carrying forward the excellent traditions, they will continue to improve products and service quality, win the recognition of customers with high-quality products as always, and join hands with customers at home and abroad to create a better future!

GROWTH PROCESS

▼ 2001

In 2001, Jiangsu Bozhiwang Automation Equipment Co.,Ltd was established in Changzhou of Jiangsu Province, aimed at providing advanced automation wire harness processing equipment and integrated solutions instead of manual operation. Since its foundation, in the spirit of "quality is the life, reputation is the cornerstone of enterprise", we continue to develop and grow.

▼ 2001-2007

Since the very beginning till standing among the first rank of wire processing equipment industry, it took Bozwang only few years. By 2007, company sales performance was annually increased by double amount, and industry reputation has been improved tremendously.

▼ 2008-2010

In 2010, Bozwang embarked on a new stage of development and moved the factory to new address, consistently upholds the concept "innovation and customer success, intention to create, cast the brand". In the production process, we strictly implement ISO9001 international quality standard to pursuit the better quality and safety guarantee for our customers.

▼ 2011-2013

Bozwang always satisfies customer's demand and meet the market demands, setting up strategic alliance of technology and market. Bozwang continuously enters and gains the market in some new industry and won numerous honors and patent certificate, including CE international quality system certificate, TUV certificate, provincial and municipal key technological enterprises title, as well as dozens of national patents.

▼ 2014-2016

Bozwang provides automation system solutions and products for customers all over the world, we are committed to work with customers to establish long-term stable and mutual beneficial strategic partnership. For these years, our company has successfully obtained many international markets, such as Europe, America, Middle East, Southeast Asia and etc., in the meantime, we had set up a number of branch offices in Korea, Vietnam, India, Spain and other countries to supply a better after service for our customer.

▼ 2017-2019

In 2018, our company won the district annual scientific and technological innovation, quality and efficiency improvement awards, and the honorary title of district outstanding scientific and technological workers, the intelligent wiring harness equipment engineering technology center was established by the Municipal Science and Technology Bureau. The supporting programs such as the automatic stripping machine and terminal machine designed by our company have obtained the copyright certificate and the standard certification. In the meantime, as the vice chairman unit of the district public welfare foundation, our company vigorously promotes public welfare undertakings in addition to the development of the enterprise, and gives back to the public with love.

▼ 2020--

In 2020, under the attack of economic globalization and the Novel Coronavirus Pneumonia epidemic, Bozhiwang was not afraid of pressure and forged ahead. The independently developed and innovated FAKRA high-end automated intelligent complete processing line series products won the first prize of the Changzhou Innovation and Entrepreneurship Competition, as the Changzhou City Science and Technology Achievement Transformation and Cultivation Project was created, and the Jiangsu Province Communication Wire Harness Production Intelligent Complete Equipment Engineering Technology Research Center was established, the chairman was awarded the honorary title of Changzhou "Honesty Star"; The acquisition of 60 acres of workshops and a new production workshop project of "automobile communication system automation equipment", with a total investment of 350 million yuan, Bozhiwang will always continue to contribute to the "Made in China", and strive to build an international brand, customer-centric, technological innovation as the guide, and move forward courageously in the direction of automation, high speed and high quality!

HONORARY QUALIFICATION



1 Business License  
2 High-tech and scientific product enterprises certificate  
3 Jiangsu private technology enterprises honor



1 Brand registration certificate  
2 Intellectual property certificate  
3 Wire cutting and Stripping machine  
4 Automatic terminal crimping machine  
5 ISO 9001 Certificate

INVENTION PATENT



UTILITY PATENT



APPEARANCE PATENT



HONORARY QUALIFICATION



1 Stock enterprise certificate    2 Product innovation certificate    3 Safe production standardized certificate

HONORARY QUALIFICATION



1 2016-2017 Changzhou contract abiding and trustworthy enterprise certificate  
2 Changzhou technological entrepreneur    3 Xinbei District excellent science and technology worker

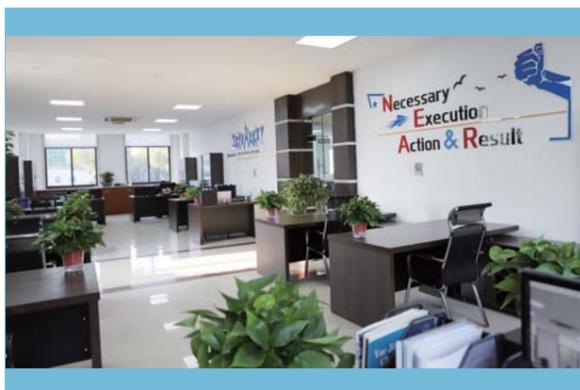
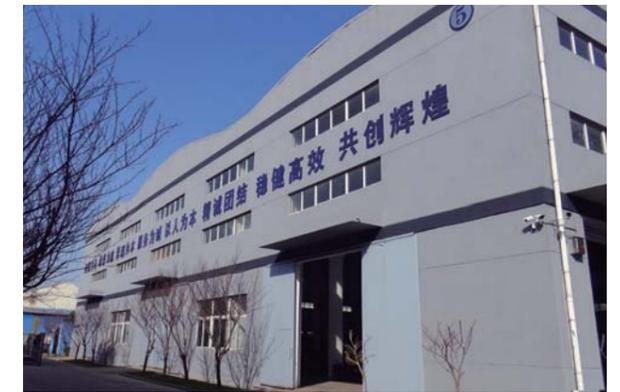


1 2020 First Prize of Innovation and Entrepreneurship    2 High-tech Enterprises    3 Project Technology Center



1 Hexagonal crimp program patent    2 Automatic crimping machine program system patent  
3 Automatic cutting and stripping machine program system patent



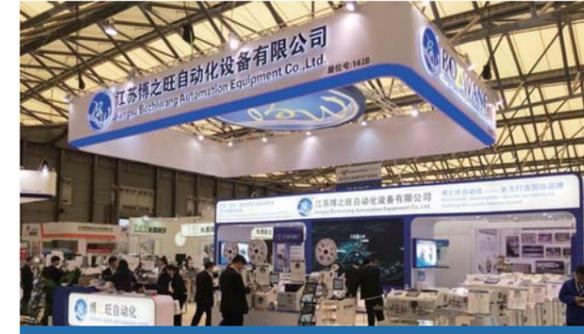




Shanghai Expo 2016



Korea Expo 2016



Shanghai Expo 2017



Russia Expo 2017



Germany Expo 2018



Shanghai Expo 2019



Germany Expo 2019



Shenzhen Expo 2020

## BZW-8.0 Series Full Automatic Intelligent Production Line



### Product introduction:

This production line which is automatic intelligent production line for wire harness industry, which has been applied for the Fakra cable, HSD cable, automobile sensor cable, high voltage cable and etc.

### Product features:

1. The automatic intelligent platform applies many industrial sensors, CCD visual inspection, industrial robot, which reduce the labor cost, increase the qualified rate and precision.
2. All the production parameters can be edited and saved, which also can load the production sheet and check the production records. The related data can be connected to MES system or other data collecting platform.
3. All the working station which is proficient working processing module, stable performance and high OEE efficiency.
4. All the crimping station which uses the servo motor and CFM device, the crimping precision is  $\pm 0.01\text{mm}$ .
5. The design of the machine which is strictly following the international standard, it is easy for debugging simple in operation and save the production time.



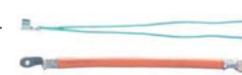
### Application fields:

Automotive radio frequency wiring harness  
Sensor harness

New energy high voltage wiring harness  
High frequency communication wiring harness



## Contents

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## BZW-6.0FK01 FAKRA cable semi-automatic processing line (Third Generation)



### Technical parameter

Wire range	Φ2.8mm/3.3mm
Wire length	100-10000mm ( Other length can be customized made )
Capacity	5-6 S/PCS
Crimping force	30KN
Power supply	220V 50Hz
Air supply	0.5Mpa-0.7Mpa, 8m3/h
Weight	About 2000 kg
Dimension	5200*1000*2400mm
Inspect	Wire feeding check, crimp pressure check, shield net check, conductivity check, air pressure check.
Applied applicator	OTP applicator, European mechanical applicator and pneumatic applicator wire jacket stripping, shield ring crimping, shield net pushing, foil stripping,
Function	inner conductor stripping and crimping, conductivity inspection, outer conductor crimping, NCT checking, wire receiving (Other functions can be customized made)

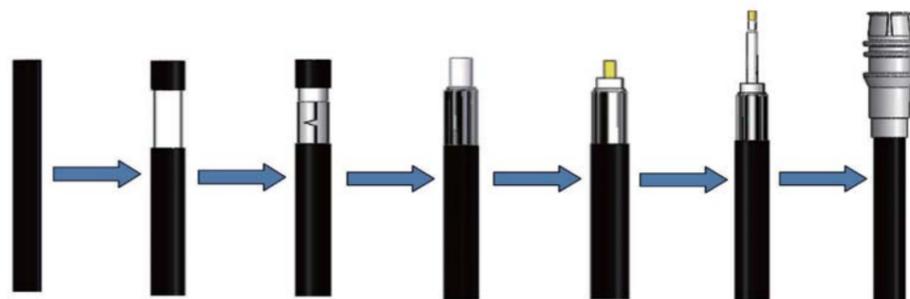
### Product introduction

BZW-6.0FK01 machine line is mainly used for processing the Fakra cable, the machine is made with module style, stable working performance and high qualified rate. It also can do the intelligent management, to tracking the records of the inspection and production procedures during the daily working, it also can connect to the MES system and share the data, in order to improve the product quality and reduce labor cost

### Product description

- NO.1 The machine uses PLC control, fiber communication, full servo system and stable working performance.
- NO.2 Touch screen control and parameters can be saved, it also can use the work sheet for production.
- NO.3 It Mainly uses world famous components brands to ensure the machine stability
- NO.4 The machine is installed with OES to monitor the crimping force during the production;
- NO.5 Formula database system, storage one-key switching, operation authority management, product data tracking.

### Wire sample



## BZW-6.0FK02 FAKRA cable semi-automatic processing line (Second Generation)

### Technical parameters

Wire range	Φ2.8-3.3mm
Wire length	100-10000mm ( Other length can be customized made )
Capacity	5-6 s/pcs
Crimp force	30KN
Power	220V 50Hz
Air pressure	0.5Mpa-0.7Mpa, 8m3/h
Weight	2000kg
Dimension	4800*1000*2400
Inspect	wire feed, crimping check, shield net check, air pressure inspect.
Applied applicator	OTP applicator, European mechanical applicator and pneumatic applicator
Function	Cooper sleeve insert, jacket strip, shield net flip, foil removing, inner core strip and crimp, outer terminal crimp, Shield net flip back, copper ring crimp, NG check (it can be customized made )



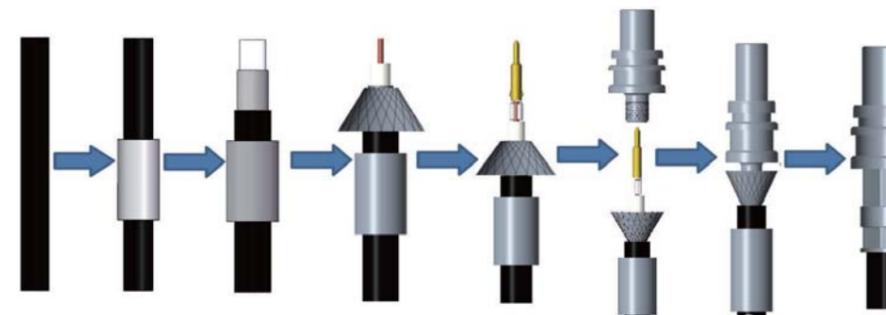
### Product introduction

BZW-6.0FK02 machine line is mainly used for processing the Fakra cable, the machine is made with module style, stable working performance and high qualified rate. It also can do the intelligent management, to tracking the records of the inspection and production procedures during the daily working, it also can connect to the MES system and share the data, in order to improve the product quality and reduce labor cost

### Product feature

- NO.1 The machine uses PLC control, fiber communication, full servo system and stable working performance.
- NO.2 Touch screen control and parameters can be saved, it also can use the work sheet for production.
- NO.3 It Mainly uses world famous components brands to ensure the machine stability
- NO.4 The machine is installed with OES to monitor the crimping force during the production;
- NO.5 Formula database system, storage one-key switching, operation authority management, product data tracking.

### Wire sample



## BZW-FX8060 Automatic wire feeder



FX8060

F3002E

### technical parameters

Power supply	AC220V 2.0kw 50/60Hz
Air supply	0.4-0.6MPa
Applied wire	φ 500-800mm,width350-600mm,bore≤80mm
Mix cable weight	200 kg
Applied wire diameter	Standard storage wire(F3020E) ≤5MM (customizable)
Dimension	(length)3050 X (width)1380mm X (height)1600
Wire feeding speed	5M/s
Accumulated wire length	8M(customizable)
Output height	Min 1130 ± 20mm(customizable)
Detecting ability	wire lacking/knotting signal transfer output, wire jamming signal transfer output, wire jamming anticipation test

### Product description

- NO.1 Simple equipment structure design, easy operation;
- NO.2 Electric clamping spool design, convenient to load/unload spool;
- NO.3 F3002 wire storage mechanism, which can control the wire feeding speed smoothly;
- NO.4 Built-in security program design ensures the safety and reliability of the whole operation process.
- NO.5 It uses the servo control system, which speed is more stable and fast.
- NO.6 The wire storage part which designed properly and control the tension precisely

## BZW-FW01 FAKRA Wire outer conductor crimping machine

### technical parameters

Application	FAKRA straight head second generation outer conductor.
Crimping ability	Max 25KN
Air supply	0.5Mpa - 0.7Mpa
Power supply	220V 50Hz
Motor	2000W
Weight	160Kg
Dimension	520 * 640 * 1010 mm



### Product description

- NO.1 This machine is used for hexagon crimping and depth detection for the outer terminal of the Fakra second generation cable.
- NO.2 This machine integrates functions such as direction detection, interface size detection, interface size adjust function and etc.
- NO.3 Easy operation, rich built-in functions, alarm information available for reference;
- NO.4 Pressure monitoring can be added to improve the product quality;
- NO.5 Compact structure, save space.

### Wire sample



## BZW-6.0H1 HSD Cable semi-automatic intelligent processing line

### Technical parameter



Wire applied	HSD 4 core cable
Wire length	100-10000mm (Other length can be customized made)
Capacity	5-6 S/PCS
Crimping force	30KN
Power supply	220V 50Hz
Air supply	0.5Mpa-0.7Mpa, 8m3/h
Weight	1000kg
Dimension	2500*1000*2230mm
Function	wire jacket stripping, shield ring crimping, shield net flipping, aluminum foil paper cutting and etc..

### Product introduction

- NO.1** BZW-6.0H1 is mainly used for the processing of the first half of HSD cables, with simple operation and high degree of automation, which can improve the product quality and save labor for the enterprise. It can complete the processing of stripping wire jacket, crimping copper ring, pushing shield net and cutting aluminum foil paper;
- NO.2** The machine PLC control, fiber communication, all servo system and stable working stability
- NO.3** Touch screen control and all the parameters can be saved, produce as per production sheet.
- NO.4** Imported sensor, CCD version inspection, production procedures under real-time monitor and improve the quality.
- NO.5** OES pressure manger system, which can monitor the crimping process in real time;
- NO.6** Formula database system, one-key switching of formula recall and storage, operation authority management, product data tracking.

### Product description



## BZW-6.0H2 HSD Cable semi-automatic intelligent processing line

### Technical parameters

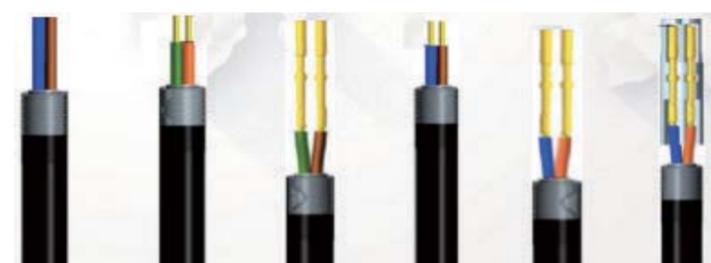
Wire applied	HSD 4 core cable
Strip length	100-10000mm (Other length can be customized made)
Capacity	6-8 S/PCS
Crimp force	30KN
Power	220V 50Hz
Air supply	0.5Mpa-0.7Mpa, 8m3/h
Weight	3000kg
Dimension	5600*1100*2350mm
Function	Core wire color detection, core wire double stripping and crimping, terminal lacking alarm, OES pressure monitoring, connector inner core inserting, connector inner core lacking alarm, vibration plate feeding, inner conductor insertion depth detection, CCD appearance detection.



### Product description

- NO.1** The machine is mainly for processing the second procedure of the HSD cable, which can strip the inner core, inner conductor crimp and house insert.
- NO.2** The machine PLC control, fiber communication, all servo system and stable working stability
- NO.3** Touch screen control and all the parameters can be saved, produce as per production sheet.
- NO.4** Imported sensor, CCD version inspection, production procedures under real-time monitor and improve the quality.
- NO.5** OES pressure manger system, which can monitor the crimping process in real time;
- NO.6** Vibrating feeding plate structure, automatic check while 4 cores terminal inserting, CCD and NG checking.

### Wire sample



## BZW-2.5T-HSD Double wire stripping and terminal crimping machine



### Technical parameters

Wire range	0.1-0.5mm <sup>2</sup>
Strip length	1-10mm
Power	AC 220V, 50/60Hz, 1.5kw
Stroke:	40mm
Applicator type:	Pneumatic, European and OTP types.
Capacity	5-8 S/PCS
Dimension:	1230*780*1450mm
Weight:	130KG

### Product feature

- NO.1** The machine is used for processing the inner cores of HSD Cable, two wires are stripped and crimped at the same time, which solve the difficulty of processing the short wire.
- NO.2** PLC control and touch screen operation, parameters of strip and crimp are digitally inputed.
- NO.3** Optical sensor to check the wire put position, ensure the precision of strip and crimp.
- NO.4** Optional installation of CFM, real-time monitoring of crimping process, improves product quality;
- NO.5** Built-in features: program storage, mode switching, crimping speed, manual mold adjustment, terminal scrap removal, waste paper reel collection and feeding delay;

### Wire sample



## BZW-886L Automatic aluminum foil removal machine

### Technical parameters

Wire range	φ 3.0-12mm
Stripping length	1-30mm
Power	220V 50Hz
Strip precision	0.1mm
Dimension	1200*780*1150mm
Stripping length precision	about 2.5s/pcs
Weight	about 60kg



### Product feature

- NO.1** 1.This machine is mainly for processing the aluminum foil layer of multi-core shielded wire,automatically cutting the aluminum foil paper and can be customized according to the needs;Product application field:automobile HSD data transmission wire,shielded multi-core wires such as industrial network communication signals;
- NO.2** Basic function:automatic aluminum foil cutting and stripping.The depth of the cutter and the cutting and stripping length can be set by computers;
- NO.3** Built-in function:switching stored recipe by one key,operation authority management,manual/automatic mode;
- NO.4** 4.Feature:this machine adopts servo motor system,unique aluminum foil cutting mechanism(patent for

### Wire sample



Before processing



After processing

## BZW-4W HSDshield net pushing and cutting machine

### technical parameters

Wire application	HSD 4 cores cable
Wire length	4-13mm
Processing time	3 S/Psc
Power supply	220V 50HZ
Air supply	0.5MPa-0.7MPa,8m3/h
Weight	40KG
Weight	550*350*550mm



### Product introduction

- NO.1 Mainly used for flipping and cutting the shield net of HSD four-core cable, the flipping length is adjustable;
- NO.2 PLC control, touch screen operation interface;
- NO.3 Mitsubishi servo power system with stable performance;
- NO.4 Quantitative setting, capacity display, full digital adjustment, simple operation;
- NO.5 The program can be saved and chosen, operation authority management and manual adjust.

### Wire sample



## BZW-1G Intelligent machine with frame house inserting

### technical parameters

Wire range	HSD cable
Power	220V 50 HZ
Air pressure	0.5Mpa-0.7Mpa, 8m3/h
Weight	about 30kg
Outer dimension	470*270*400mm
Processing capacity	8 second per pcs



### Product introduction

- NO.1 The machine is mainly used to insert 4 inner cores into plug in , then make counterpoint detection;
- NO.2 PLC control, operate on touch screen;
- NO.3 Equipped with Keyence camera to classify the color ,can distinguish the positions of four inner cores;
- NO.4 Bundle quantity set, display capacity, colour set, fully digital adjustment ;
- NO.5 Inner function: The program can be chosen easily, the operation authority management, and manual adjustment.

### Wire sample



## BZW-HW01 HSD outer conductor crimping machine

### technical parameters

Application	straight head HSD outer conductor .
Crimping ability	Max 25KN
Air supply	0.5Mpa - 0.7Mpa
Power supply	220V 50Hz
Motor	2000W
Weight	160Kg
Dimension	520 * 640 * 1010mm



### Product description

- NO.1 The machine for crimping the outer terminal of HSD cable and depth detection of the inner shell
- NO.2 This machine integrates functions such as direction detection, interface size detection, interface size adjustment and etc;
- NO.3 Easy operation, rich built-in functions, alarm information available for reference;
- NO.4 Pressure monitoring can be added to improve the product quality;
- NO.5 Compact structure, save space.

### Wire sample



## BZW-3.0 Automatic terminal crimping machine



### Product introduction

The BZW-3.0 series automatic terminal crimping machine adopts an open 4-station platform design and is equipped with reliable EtherCAT technology to realize a high-precision flexible processing platform. The self-developed PC operating system realizes the graphical display of the interface, which is simple and easy to understand, and the information and data collection during processing provides a good foundation for the traceability, management and control of production quality and the docking of the MES system.

### Technical parameters

Cutting length	80-20000mm
Cutting precision	$\pm (1.0\text{mm}+0.2\%*L)$
Stripping length	0.1-18mm
Wire range	0.22-6mm <sup>2</sup>
Feeding speed	12M/S(max)
Crimping force	25KN
Wire receiving	2m (Standard) ,4m , 8m
Noise	<75dB
Power supply	AC220V 50Hz 3.5kw
Air supply	0.5-0.8Mpa
Air consumption	6.5-8m <sup>3</sup> /h
Dimension	L3500 x W1200 x H1700mm(2m wire receiver)
Weight	1100Kg

### Product Feature

- NO.1** International appearance design, and tight and concise whole structure;
- NO.2** The flexible wire feeding system is used to ensure that the wire is not damaged while ensuring the wire length accuracy;
- NO.3** The crimping machine adopts a servo system to ensure the stability and consistency of the crimping accuracy;
- NO.4** PC operation interface, graphical display makes the operation more intuitive and simple;
- NO.5** Embedded pressure management system can monitor the product in real time, alarm and automatically remove defective products;
- NO.6** The production processing parameters can be stored to realize fast switching of small batch orders.

### Product Function

Wire cutting

Half stripping

Stripping

Crimping

Seal inserting

Pre-insulated terminal crimping

Twisting and Tinning

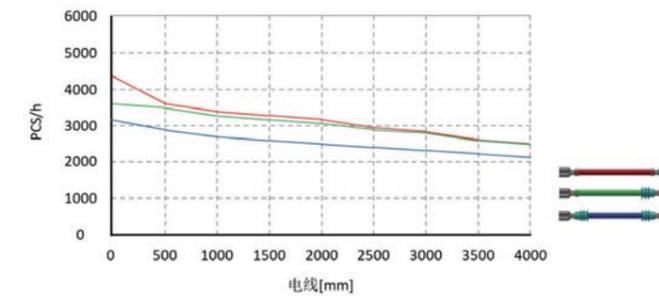
Ultrasonic welding

Housing inserting

Inkjet printing

Pressure monitoring

### Reference capacity chart



### Optional modules



Wire feeder



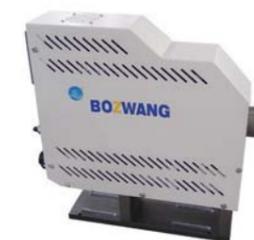
Seal inserting station



Marking device



Crimping force system



Wire twisting station



Tinning station



Housing inserting station



Ultrasonic welding station

## BZW-3.0T Automatic terminal crimping machine with multi-stations



### Product introduction

The BZW-3.0T series automatic terminal crimping machine is a customizable multifunctional model. The platform is designed with up to 6 stations to meet the complex processing technology of automotive communication wire harness and new energy wire harness.

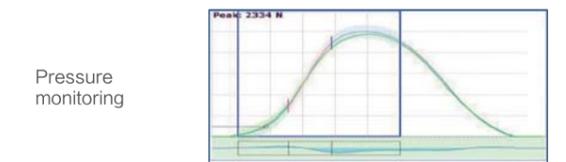
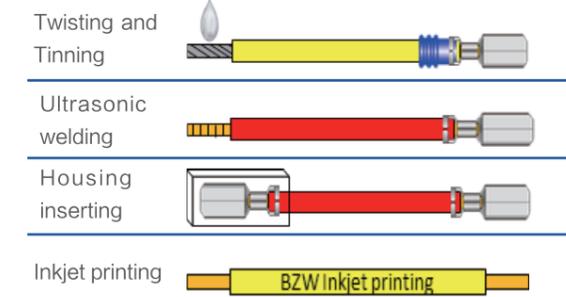
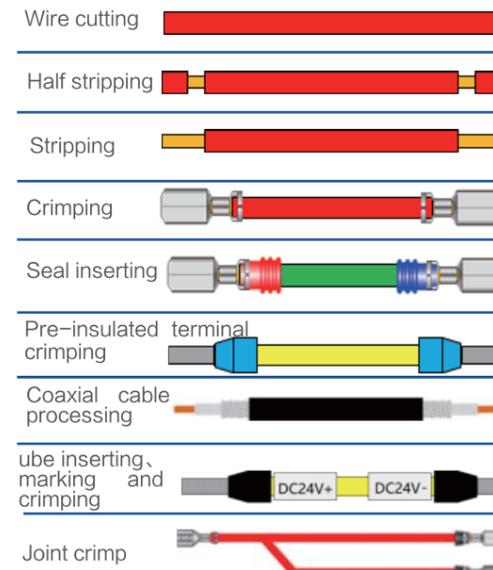
### Technical parameters

Cutting length	60-20000mm ( Short wire mode can be customized made )
Cutting precision	$\pm ( 1.0\text{mm}+0.2\%*L )$
Stripping length	0.1-18mm
Wire range	0.22-6mm <sup>2</sup>
Feeding speed	12M/S(max)
Crimping force	25KN
Wire receiving	2m ( Standard ) ,4m , 8m
Noise	< 75dB
Power supply	AC220V 50Hz 3.5kw
Air supply	0.5-0.8Mpa
Air consumption	6.5-8m <sup>3</sup> /h
Dimension	L3800 x W1480 x H1700mm ( 2m wire receiver )
Weight	1500Kg

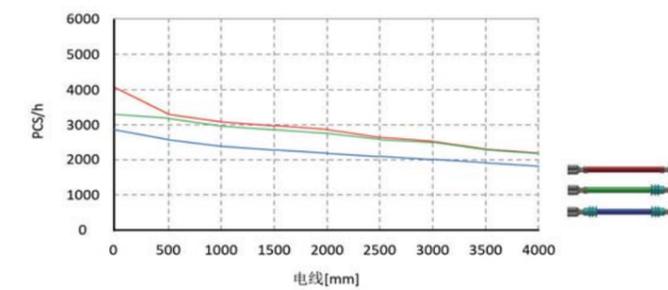
### Product Feature

- NO.1** International appearance design, and tight and concise whole structure;
- NO.2** The flexible wire feeding system is used to ensure that the wire is not damaged while ensuring the wire length accuracy;
- NO.3** The crimping machine adopts a servo system to ensure the stability and consistency of the crimping accuracy;
- NO.4** PC operation interface, graphical display makes the operation more intuitive and simple;
- NO.5** Embedded pressure management system can monitor the product in real time, alarm and automatically remove defective products;
- NO.6** The processing of FAKRA wire harness and new energy ultra-short wire harness can be customized.

### Product Function



### Reference capacity chart



### Optional modules



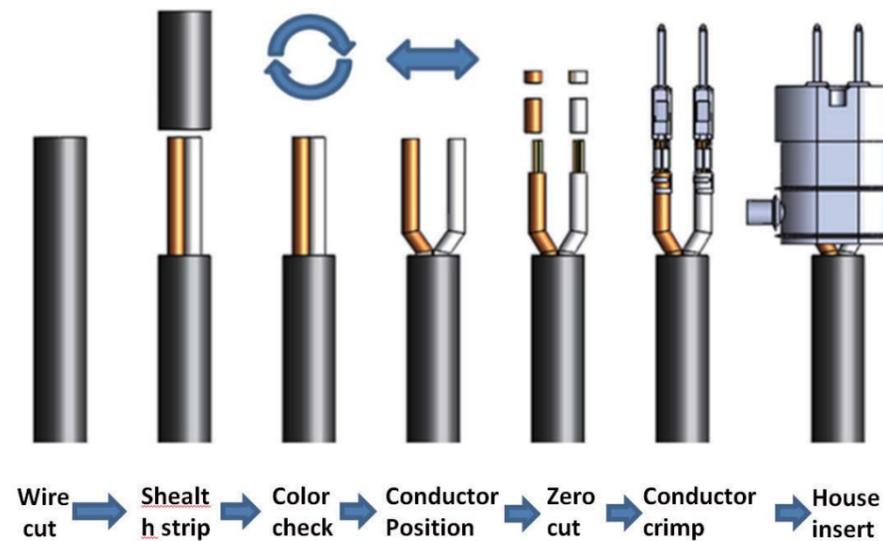
## BZW-4001G Sensor Cable Automatic Production Line

### Product feature

BZW-4001G is mainly used in jacket strip conductor strip, terminal crimp and house insert of sheathed double core wire and automobile ABS sensor wire harness.



### Process Procedure



### Product introduction

- NO.1 White appearance design, and tight and concise whole structure;
- NO.2 The flexible wire feeding system protects the surface of the wire from damaging, and ensures the accuracy of wire feeding length;
- NO.3 The crimping machine adopts a servo system to ensure the stability and consistency of the crimping accuracy ;
- NO.4 Color recognition and crimping adopt CCD visual judgment, which is stable and reliable ;
- NO.5 The core wire zero-cutting function perfectly solves the size fluctuation of the core wire caused by the stretching of the wire skin;
- NO.6 The pressure management system can monitor the products in real time, alarm and automatically sort the product;
- NO.7 Equipped with terminal inserting depth detection function, to ensure the qualified rate of products.



### Technical parameters

Wire length	150-10000mm
Cut precision	± ( 1.0mm+0.2%*L )
Strip length	Outer jacket 0.1-18mm conductor 0.1-8mm
Wire OD	OD 3.5-6mm
Feed speed	12M/S(max)
Capacity	≈ 3 second/pcs
Crimp force	25KN
Power	AC220V 50Hz, 4.0 KW
Air pressure	0.5-0.8Mpa
Air consume	8-15m3/h
Dimension	L1900 x W2600 x H1960mm
Weight	About 1100Kg

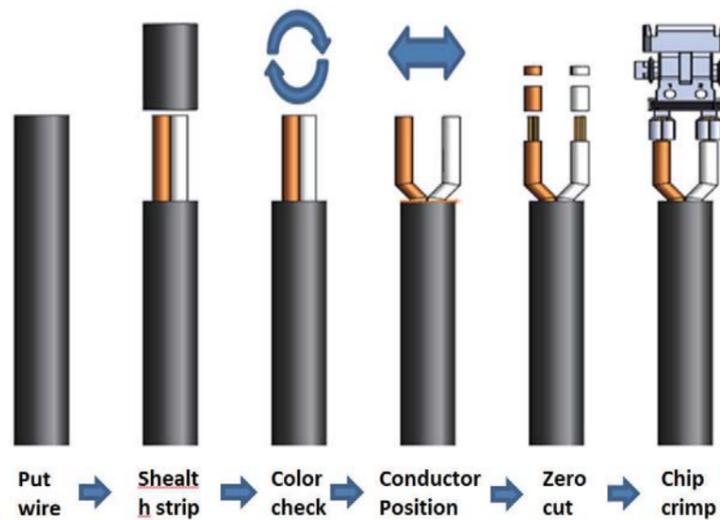
## BZW-4002G Sensor Cable Automatic Production Line

### Product feature

BZW-4002G is mainly used in jacket strip conductor strip and house terminal crimp of sheathed double core wire and automobile ABS sensor wire harness.



### Process Procedure



### Product introduction

- NO.1 White appearance design, and tight and concise whole structure;
- NO.2 Use matrix template + SCARA robot to feed materials, making product change easier;
- NO.3 The crimping machine adopts a servo system to ensure the stability and consistency of the crimping accuracy ;
- NO.4 Color recognition and crimping adopt CCD visual judgment, which is stable and reliable ;
- NO.5 The core wire zero-cutting function perfectly solves the size fluctuation of the core wire caused by the stretching of the wire skin;
- NO.6 The pressure management system can monitor the products in real time, alarm and automatically sort the product;



### Technical parameter

Strip length	Outer jacket 0.1-18mm conductor 0.1-8mm
Wire OD	OD 3.5-6mm
Capacity	≈3 second/pcs
Crimp force	25KN
Power	AC220V 50Hz, 4.0 KW
Air pressure	0.5-0.8Mpa
Air consume	8-15m³/h
Dimension	L1900 x W2600 x H1960mm
Weight	About 1100Kg

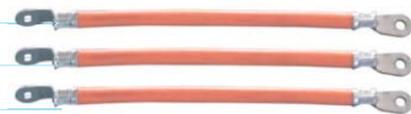
## BZW-4.0D Automatic power line double ends crimping machine



### Technical parameters

Wire range	6-35mm <sup>2</sup>
Stripping length	1-25mm
Length range	140-1800mm
Power	220V 50Hz
Air supply	0.5Mpa-0.7Mpa, 8m <sup>3</sup> /h
Weight	about 2600kg
Dimension	3.45 meters long, 1.45 meters wide, 2 meters high
Stripping length precision	0.01mm
Rhythm	8-10 S/Pcs

### Wire sample



### Product description

**NO.1** This machine is a customized product, mainly for the cutting, stripping, crimping and inserting heat shrink tube/cutting shield net of big square power line, and it can be customized according to the needs of customers; Product application field: automobile and motorcycle power line, power distribution cabinet, industrial equipment and etc;

**NO.2** 2. Basic function: automatic wire feeding, cutting, stripping, terminal crimping, Simultaneous processing of both ends, feeding by vibrating plate;

**NO.3** Built-in function: switching stored recipe by one key, operation authority management, manual/automatic mode;

**NO.4** 4. Feature: This machine adopts servo motor system, rotary stripping mechanism, with features of high-performance and stable machining accuracy.

## BZW-1.0 Automatic single end terminal crimping machine



## BZW-1.0+N Automatic single end twisting and terminal crimping machine



### Technical parameters

Wire range	0.3-2.5 mm <sup>2</sup> ( AWG12#-AWG28# )
Cutting length	45mm-10000 mm ( Other size can be special ordered )
Cutting precision	± ( 0.2%*L+1 ) mm
Stripping length	1.5-10mm ( Other size can be special ordered )
Feeding speed	Max. 6.0 m/s
Capacity	4500 pcs/h ( within length 100mm )
Crimping force	20KN
Voltage	AC 220V 50HZ
Motor	1.2KW
Air supply	0.5 Mpa-0.7Mpa, 6m <sup>3</sup> /h
Weight	about 200kg
Dimension	650 x 700 x 1500mm
Function	single end half stripping, single end crimping
Detecting ability	wire knotting, wire lacking, terminal lacking and air pressure detecting
Applicator range	Stroke 30mm (40mm stroke can be special ordered)

Wire range	0.3-2.5mm <sup>2</sup> ( AWG12#-AWG28# )
Cutting length	45mm-9999mm ( Other size can be customized )
Cutting precision	± ( 0.2%*L+1 ) mm
Stripping length	1.5mm-10mm ( other size can be special ordered )
Feeding speed	Max. 6.0 m/s
Capacity	4200 pcs/h ( ≤ 300mm )
Crimping force	20KN
Power supply	AC220V/50/60HZ Single-phase
Motor	1.3KW
Air supply	0.5 Mpa-0.7 Mpa, 6m <sup>3</sup> /h
Weight	About 308kg
Dimension	650 x 700L x 1500mm
Function	Wire cutting, single end stripping and twisting, single end terminal crimping
Detection device	Wire lacking test, terminal air pressure test, wire blocking test, air pressure test.
Applicator range	Stroke 30mm (40mm stroke can be special ordered)

### Product feature

- NO.1** PLC control system, automatic wire cutting, one end crimping and one end twisting;
- NO.2** High precise Italy BGM frequency motor control, low working noise, long service life, and stable tensile force;
- NO.3** Touching screen operation; Stripping length, cutting depth, crimping position are digital imputed;
- NO.4** Quick process to replace materials; fully digital debugging. Convenient maintenance;
- NO.5** Efficient stepping drive, high precision and speed. High cost performance.

### Wire sample



BZW-1.0



BZW-1.0+N

## BZW-2.0X Automatic double ends terminal crimping machine (thin wire)

### Technical parameters

Wire range	0.8-1.5mm <sup>2</sup>
Cutting Length	Middle keep skin 21-99990mm, (shorter after refit)
Cutting precision	within length 100mm, tolerance 0.5(wire length *0.002); above length 100mm, tolerance 1.0(wire length *0.002);
Stripping length	Front end 0.7-8mm, Rear end: 0.1-10.0mm
Feeding speed	Max.6.0 m/s
Capacity	Wire length 50-100mm, about 3600pcs/hour
Crimping force	20KN
Power	Single phase AC180V~242V 50/60Hz 10A
Motor	2.2KW
Air supply	0.5 MPa(5kgf/cm <sup>2</sup> ) Clean and dry air
Weight	About 460kg
Dimension	1800 x 900 x 1450mm
Function	Wire cut, single/double end strip and terminal crimping
Detection ability	Air pressure low, wire lacking or not, abnormal wire feeding and stripping, CFM device is optional
Applicator range	Stroke 30mm (40mm stroke can be special ordered)



### Product feature

- NO.1 PLC control system, English and Chinese shifted touch screen, shorter adjust time and easy to operate;
- NO.2 Equipment components are made in Taiwan and Japan; the machine has the function of wire cutting, stripping and terminal crimping;
- NO.3 Exquisite appearance and compact structure, space saving and artistic appearance;
- NO.4 Simple and quick replacement of the spare parts, full digital troubleshooting, and easy to maintenance.

### Wire sample



## BZW-2.0 Automatic double ends terminal crimping machine

### Technical parameters

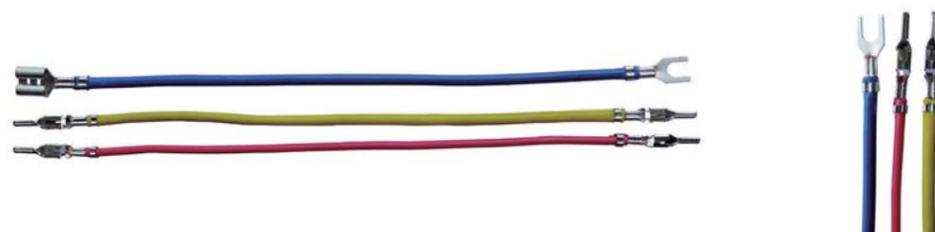
Wire range	0.5-2.5 mm <sup>2</sup> (For 4 and 6mm <sup>2</sup> cable cutomerized made)
Cutting length	45-9999mm
Cutting precision	± (0.2%*L+1) mm
Stripping length	0.1mm~10mm
Feeding speed	Max 6.0 m/s
Capacity	3500pch/h ( length ≤ 100mm )
Crimping force	20KN (Other can be customized)
Power	AC220V/50/60HZ
Motor	2.2KW
Air pressure	4~6kg (Dry and clean air)
Weight	About 358kg
Dimension	700 x 800 x 1500mm
Function	Wire cutting and stripping and terminal crimping on both ends
Detection device	Wire lacking test, terminal crimp pressure test, wire knotting test, air pressure test, CFM device is optional
Applicator range	Stroke 30mm (40mm stroke can be special ordered)



### Product feature

- NO.1 PLC control system, double ends terminal crimping can be finished at one time;
- NO.2 Exquisite, compact design, tight space, excellent idea;
- NO.3 Computerized touch screen, using DSP microcontroller menu, easy to learn;
- NO.4 Quick process to replace materials; fully digital debugging. Convenient in maintenance;
- NO.5 Efficient stepping drive, high precision and speed;
- NO.6 High cost performance. All pneumatic components are from Japan SMC, Taiwan power switch, Taiwan HIWIN guide rail.

### Wire sample



## BZW-2TP+Z Automatic ribbon cable single end twisting, tinning and terminal crimping machine

### Technical parameters

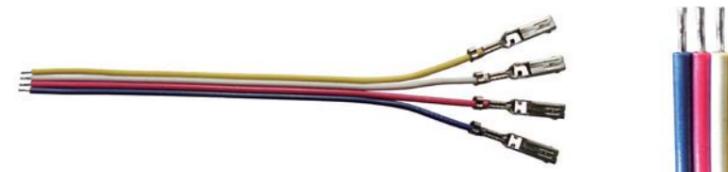
Cutting length	45–600mm ( length can be specified )
A-end stripping length	0 –5mm
B-end stripping length	0–10mm
Twisting length	3–8mm
Wire type	AWG18#–30# Ribbon cable and electronic wire
Max. wire width	28mm
Max. wire pin	24P
Capacity	10000PCS / H(12P ribbon cable)
Air supply	0.4MPa–0.6MPa
Power	220V 50Hz, 2.8KW
Weight	about 500KG
Dimension	940 x 1100 x 1850mm
Function	A-end terminal interval crimping, B-end wire twisting and tinning;



### Product feature

- NO.1** It is used for ribbon cable, one end interval terminal crimping , one end twisting and tinning;
- NO.2** Normally it can process 2 pcs ribbon cable at the same time, 5pcs 2pin ribbon cable or 6–8pcs electronic wires;
- NO.3** This machine could easily change the applicator and debugging; it uses servo motor to control the whole process of wire feeding, wire dividing, wire cutting and wire stripping;
- NO.4** It uses the servo motor driver to control the movement of the ribbon cable, high precise terminal crimping control.;
- NO.5** Automation: wire slitting, cutting, stripping, crimping are finished at one time without any labor force, and save the production cost.
- NO.6** Good stability: eccentric shaft and cam transmission structure, balance crimping force, tide crimping effect and high rate of finished products;
- NO.7** Simple operation: parameters setting by touching screen, operation is easy to learn, one worker can

### Wire sample



## BZW-2TP+N Automatic ribbon cable terminal crimping machine

### Technical parameters

Cross range	AWG12#–AWG30#
Max. wire pin	20P
Max. wire width	28mm
Single wire width	0.8–2.5mm
Cutting length	72–9999mm
Cutting precision	± 0.5mm
Stripping length	2–10mm
Crimping force	20KN
Capacity	18000PCS/H (20P ribbon cable)
Power	220V☑50HZ
Motor	2.5KW
Air supply	0.4–0.6 Mpa, filtered and dry air
Weight	about 585kg
Dimension	1580 x 1345 x 2000mm
Function	single end crimping, double ends crimping, interval crimping, positive and negative crimping



### Product feature

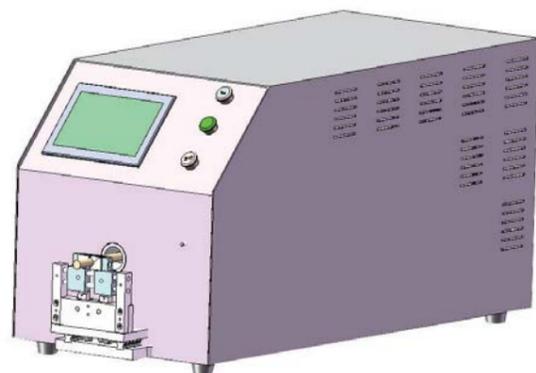
- NO.1** Wide applying range: PH、XH、EH、ZH、SCN、SM、VH、DuPont and other strip connector and communicating terminal;
- NO.2** Good stability: eccentric shaft and cam transmission structure, balance crimping force, tide crimping effect and high rate of finished products;
- NO.3** High precision: servo motor driver control the movement of the ribbon cable , high precise terminal crimping control.;
- NO.4** Crimping mode: the crimping direction on the two ends of the wire can be changed by steering structure;
- NO.5** Automation: wire dividing, cutting, stripping, crimping are finished at the same time without any labor force, and save the production cost.
- NO.6** High efficiency: Max. capacity 18000 PCS/H, 24 hours working;
- NO.7** Simple operation: parameters setting by touching screen, operation is easy to learn, one worker can

### Wire sample



## BZW-G12 High-voltage cable intelligent machine

### Technical parameters



Applicable wire	High voltage shield net cable
Wire diameter range	Φ6-Φ18
Stripping length	1-80mm
Cutting length	5-40mm
Power supply	220V/50HZ
Motor	1000W
Dimension	956*406*478mm
Weight	80Kg
Air supply	0.4-0.8MPa

### Product feature

- NO.1** This machine is a high-voltage cable intelligent machine, which can complete the functions of high-voltage wire stripping, aluminum foil removal, shield net cutting, and internal insulation stripping at the same time;
- NO.2** The built-in processing module makes it safer;
- NO.3** Using rotating tool holder, high machining accuracy;
- NO.4** The wire clamping device is driven by a motor, and the clamping force can be set
- NO.5** Adopt touch screen interface, PLC control

### Wire sample



## BZW-240 Computerized cutting and stripping machine for 240 mm<sup>2</sup> cable

### Technical parameters

Stripping range	10-240mm <sup>2</sup>
Cutting length	10-99999.99mm
Cutting precision	≤0.2%mm
Max. stripping diameter	φ45mm
Stripping length	wire head 1-600mm, wire end 1-280mm
Drive	8 wheels independently servo driven
Capacity	500-800 pcs/h (it depends on the length of the wire)
Power	220V 50HZ
Motor	3.2KW
Stored program	0-99kinds of processing data
Tool materials	Imported high speed steel
Tube diameter	Φ16-50mm
Press wheel setting	Motor drive, digital control of crimping force
Air supply	0.2-0.6mpa
Stripping layer	3 layers
Weight	600kg
Dimension	1600 x 810 x 1360mm



### Product feature

- NO.1** New mode cable processing equipment that controlled by micro computer, mainly for the processing of large cables used for new energy charging gun, electrical power and other industries, which essentially solves the problem in processing of the big power cable;
- NO.2** Automatic wire cutting, two ends stripping, and also multi-layers stripping at one time;
- NO.3** Industrial level control chip and high precise servo driving to ensure its high speed and stable running;
- NO.4** PLC control system, touching screen operating;
- NO.5** Belt style driving without any pressing marks;
- NO.6** The cable (within 240 mm<sup>2</sup>) can be easily processed, the strong driving force ensures the high working efficiency

### Wire sample



## BZW-882DK-120 Computerized cutting and stripping machine for 120 mm<sup>2</sup> cable

### Technical parameters

Stripping range	6-120mm <sup>2</sup>
Cutting length	10-99999.99mm
Cutting precision	≤0.2%mm
Stripping length	wire head 1-260mm, wire end 1-120mm
Drive	8 wheels independently servo driven
Capacity	500-900 pcs/h (it depends on the length of the wire)
Power	220V 50HZ
Motor	3.8KW
Stored procedure	0-99 kinds of processing data
Tool materials	Imported high speed steel
Applied diameter	Φ6-24mm
Press wheel setting	Motor drive, digital control of crimping force
Stripping layer	6 layers
Weight	460kg
Dimension	1200 x 800 x 1360mm



### Product feature

- NO.1 New mode cable processing equipment that controlled by micro computer, especially for processing the high voltage power cable in the industry of new energy motor, power charging station, electronic control, battery and etc, which essentially solves the problem in processing the big power cable;
- NO.2 Automatic wire cutting, two ends stripping, and multi-layers stripping at one time;
- NO.3 Industrial level control chip and high precise servo driving to ensure its high speed and stable running;
- NO.4 Motion controller system, touching screen operating;
- NO.5 Belt style driving without any pressing marks ;
- NO.6 The cable (within 120 mm<sup>2</sup>) can be easily processed , the strong driving force ensures the high working efficiency.

### Wire sample



## BZW-882DK-120X Computerized cutting and stripping machine for 120 mm<sup>2</sup> cable with rotary cutter

### Technical parameters

Type	High or low volatge cable, multi-layer cable
Stripping range	6-120mm <sup>2</sup>
Cutting length	240-99999.99mm
Cutting precision	≤0.2%mm
Stripping length	wire head 1-260mm, wire end 1-120mm
Drive	8 wheels independently servo driven
Strip way	Rotary blade +cutter +strip blade
Capacity	400-700 pcs/h (it depends on the length of the wire)
Voltage	220V 50HZ
Motor	4.0 KW
Stored programs	0-99kinds of processing data
Tool materials	Imported high speed steel
Nozzle diameter	Φ6-22mm
Press wheel setting	Motor drive, digital control of crimping force
Stripping layer	6 layer
Weight	560 kg
Dimension	1300 x 860 x 1550mm
Winder power	0.3 KW
Winder weight	210 Kg
Winder dimension	960 x 1116 x 1110mm



### Product feature

- NO.1 New mode cable processing equipment that controlled by micro computer, especially for processing the high voltage power cable in the industry of new energy motor, power charging station, electronic control, battery and etc, which essentially solves the problem in processing the big power cable;
- NO.2 Automatic wire cutting, two ends stripping, multi-layers stripping at the one time;
- NO.3 Industrial level control chip and high precise servo driving to ensure its high speed and stable running;
- NO.4 Motion controller system, touching screen operating;
- NO.5 Belt style driving without any pressing marks;
- NO.6 The cable (within 120 mm<sup>2</sup>) can be easily processed , the strong driving force ensures the high working efficiency;
- NO.7 The machine with the function of rotary cutter, to ensure the processing of new energy sources, high voltage wire, shielded wire cutting and stripping at the same time.



Rotary part

### Wire sample



## BZW-882DH/K-50 Computerized cutting and stripping machine for 50 mm<sup>2</sup> sheathed cable

### Technical parameters

Max. stripping diameter	Φ14mm
Stripping range	4-50mm <sup>2</sup>
Cutting length	0.1-99999.99mm
Cutting precision	≤0.2%mm
Stripping length	wire head 1-200mm, wire end 1-100mm
Drive	8 wheels independently servo driven
Capacity	800-1000 pcs/h (it depends on the length of the wire)
Power	220V 50HZ
Motor	1.2KW
Stored programs	0-99 kinds of processing data
Tool materials	Imported high speed steel
Tube diameter	Φ6-14mm
Air supply	0.2-0.6mpa
Stripping layer	3 layer
Weight	120 kg
Dimension	800 x 650 x 430mm



(Equipment cabinet is optional)

### Product feature

- NO.1** New mode cable processing equipment that controlled by micro computer, especially for processing the new energy, PV, communication, electronic control, and etc, which essentially solves the problem in processing the big power cable and multi-core sheathed cable;
- NO.2** Automatic wire cutting, two ends stripping, multi-layers stripping can be processed at the same time;
- NO.3** Industrial level control chip and high precise servo driving to ensure its high speed and stable running;
- NO.4** PLC control system, touching screen operating;
- NO.5** Belt style driving without any pressing marks;
- NO.6** It can be customized servo drive and configurable cabinet.

### Wire sample



## BZW-882DH35-2RS Computerized cutting and stripping machine with two wire winding units

### Technical parameters

Wire range	4-25mm <sup>2</sup> ( Other size can be special ordered )
Winding length	4-50m
Outside diameter of winding	Φ3-8 mm ( Other size can be special ordered )
Cutting length	0.1-99999.99mm
Cutting precision	≤0.2%mm
Stripping length	wire head 1-200mm, wire end 1-100mm
Drive	8 wheels independently servo driven
Output	1000-1200 pcs/h (depending on the size and length of the wire)
Voltage	220V 50HZ
Motor	1.5KW
Storage of programs	0-99 processing data
Blade material	imported high speed steel
Tube diameter	Φ6-14mm
Air pressure	0.2-0.6mpa
Stripping layers	3 layers
Weight	245kg
Machine dimension	1000 x 680 x 1200mm
Winding unit per size	1000 x 1000 x 900mm



### Product feature

- NO.1** This is a new intelligent machine with mechanical-electrical integration, mainly used for processing the round sheathed wire, which increases the production efficiency and greatly reduces the labor cost;
- NO.2** The procedure of wire feeding, cutting, stripping and winding can be processed at one time, it can automatically and especially wind the long wire;
- NO.3** The display mode: touch screen display, can be switched in both Chinese and English;
- NO.4** PLC system controls the pulse signal, to improve the precision of wire processing;
- NO.5** Mode of operation: can realize functions of length measurement, stripping, cutting and winding which is similar to semi-automatic manual work, easy to operate.

### Wire sample



## BZW-882DH-70 + S Computerized cutting and stripping machine for 70mm<sup>2</sup> wire with one winding unit

### Technical parameters

Stripping range	6-70mm <sup>2</sup>
Outer diameter max	Φ18mm
Cutting length	0.1-100000mm
Cutting precision	± (0.2+0.002*L) mm
Drive	Belt conveyor ,8 wheels independently servo driven
Stripping length	wire head 0.1-200mm, wire end 0.1-100mm
Tool materials	Imported high speed steel
Stripping speed	800pcs/h(wire length 500mm)
Power	AC220V/110V $\sqrt{50/60}$ HZ
Motor	2.3KW
Air pressure	0.4-0.6 Mpa
Weight	320 kg
Dimension	950 x 720 x 1450mm
Display mode	touch screen
Display interface	10 Inch Touch screen, with English and Chinese system



The winder is optional

### Product feature

- NO.1** This is a new mode cable processing machine controlled by micro computer, especially used for processing the wire harness in the industry of automobiles, power cable industry, electronic control cabinet ,charging point wire harness, charging gun wire harness, PV hard wire, BVR flexible wires.  
It can process coils of wire by setting its total length, head stripping and rear stripping as required, which greatly improves working efficiency.;
- NO.2** Automatic wire cutting, stripping on two ends, and multi-layers stripping at one time;
- NO.3** Industrial level control chip and high precise servo driver, which ensure high speed and stable running for long lifetime;
- NO.4** Motion controller, touching screen operation, up to 100 stripping archives can be stored;
- NO.5** Automatic wire diameter adjustment, there is no need to change cutting tools for different cables;
- NO.6** The cable of outer diameter under 14 mm can be easily processed, the strong driving force ensures the high working efficiency;

### Wire sample



## BZW-882DH50-WX Computerized double layers cutting and stripping machine for 35mm<sup>2</sup> sheathed cable

### Technical parameters

Applied wire type	Multi-core round and flat sheathed cable
Diameter	Φ4-18mm ( other size can be special ordered )
Inner core	1-5 piece
Cutting length	0.1-100000mm
Cutting precision	± (0.2+0.002*L) mm
Drive	Belt conveyor ,8 wheels independently servo driven
Outer stripping length	wire head 0.1-200mm, wire end 0.1-100mm
Inner stripping length	wire head 0.1-30mm, wire end 0.1-30mm
Power	AC220V/110V $\sqrt{50/60}$ HZ
Motor	2.3KW
Air pressure	0.4-0.6 Mpa
Weight	320KG
Dimension	950 x 720 x 1450mm
Display mode	Touch screen
Display interface	10 Inch Touch screen, with English and Chinese system



### Product feature

- NO.1** This machine is mainly aimed at cutting and stripping on the insulation and inner cores at one time for round sheathed cable and flat sheathed cable;
- NO.2** Wire feeding method: belt conveyor. Precise wire feeding without any marks on the wire surface;
- NO.3** Driven by servo motor, subdivision system controls the length with low tolerance;
- NO.4** Display: touch screen display, 10-Inch Touch screen, can be switched between English and Chinese;
- NO.5** Mode of operation: it can realize functions of semi-automatic manual work of length measurement, cutting and stripping, multi-layer mode and middle stripping, automatic production counting record, easy operation greatly improves the efficiency;
- NO.6** The machine is multi-functional, there have been reserved some communication ports for connecting auxiliary devices;
- NO.7** Auxiliary devices: automatic wire feeder, wire collecting device, mechanical arms, wire winding unit and so on.
- NO.8** Motion controlled system, which can save 100 programs of wire processing.

### Wire sample



## BZW-882DH50+X Computerized cutting and stripping machine for 50 mm<sup>2</sup> cable with rotary and double blades

### Technical parameters

Outer diameter	Φ2-14mm
Stripping range	4-25mm <sup>2</sup>
Cutting length	0.1-100000mm
Cutting precision	± ( 0.2+0.002*L ) mm
Drive	Belt conveyor , 8 wheels independently servo driven
Stripping type	Rotary and stripping cutter
Stripping length	wire head 0.1-200mm, wire end 0.1-100mm
Tool materials	Imported high speed steel and import tungsten steel
Stripping speed	450-650pcs/h
Power	AC220V/110V 50/60HZ
Motor	2.6KW
Air pressure	0.4-0.6 Mpa
Weight	360 Kg
Dimension	1120 x 720 x 1450mm
Display mode	touch screen
Display interface	10 Inch Touch screen with English and Chinese system

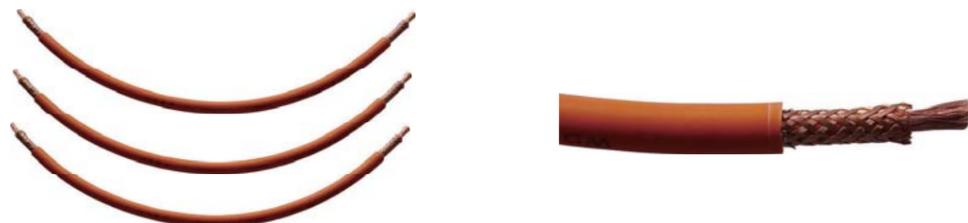


Wire collecting device is optional+S

### Product feature

- NO.1** This machine is mainly aimed at processing new energy cable, power cable, coaxial cable, RF cable, communication cable, multi-core wire, shield net wire, which can achieve functions of automatic cutting, rotary stripping and multi-layer cable stripping;
- NO.2** The machine is equipped with advanced independent rotary cutting core, two sets of cutting and stripping blades, with the design of independent and adjustable double-blade frame, which make the cross section perfect after cutting;
- NO.3** The machine can cut and strip different types of wires and cables without tool change;
- NO.4** Cable parameters and different processing programs can be stored in the system, it takes about 5s to switch to different wire specifications;
- NO.5** More than one layer can be stripped on both ends of the wire;
- NO.6** The machine is multi-functional, there have been reserved some communication ports for connecting auxiliary devices;
- NO.7** Auxiliary devices: automatic wire feeder, wire collecting device, mechanical arms, wire winding unit and so on.

### Wire sample



## BZW-882DJ Servo wire cutting and stripping machine

### Technical parameters

Wire range	0.1-6 mm <sup>2</sup> (Other size can be special ordered )
Applied wire	PVC、PE、Teflon、Silicon and other plastic wires
Cutting length	1.0-99999mm
Cutting precision	± ( 0.2%*L+1 ) mm
Cutting length	1.0-30mm(Other size can be special ordered )
Middle stripping	1-13
Capacity	5000-7000 pcs/h
Tool materials	Tool materials: Imported tungsten steel and high speed steel
Drive	4 wheels driven
Feeding speed	2m/s
Voltage	220V 50HZ
Motor	0.5KW
Weight	45kg
Dimension	480 × 450 × 350mm



### Product feature

- NO.1** Computerized control, touch screen, servo motor, more stable and easy to operate;
- NO.2** High speed wire stripping, wire head, wire end and total length can be set randomly within the wire cutting range;
- NO.3** The speed of wire feeding, wire cutting and stripping can be set independent, to reach the best effect of stripping;
- NO.4** It has the function of setting total quantity, bundle quantity, time postpone, middle stripping and etc;
- NO.5** Motor drive using subdivision method, with high precision and long service life;

### Wire sample



## BZW-882DJ-K Industrial control servo wire stripping machine



### Technical parameters

Wire range	0.1-6mm <sup>2</sup> (AWG9-27#) (Other size can be special ordered)
Applied wire	PVC、PE、Teflon、Silicon and other plastic wires
Cutting length	5-99999mm
Cutting precision	± (0.2%*L+1) mm
Stripping length	0.5-30mm(Other size can be special ordered)
Middle stripping	1-13 positions
Capacity	5000-7000 pcs/h
Tool materials	Imported tungsten steel and high speed steel
Drive	4 wheels driven
Feeding speed	2m/s
Voltage	220V 50HZ
Motor	0.5KW
Weight	45kg
Dimension	480 x 450 x 350mm

### Product feature

- NO.1 Using the latest 32-bit Cortex-M3 core processor, running at 72M per cycle;
- NO.2 5 pulse outputs up to 100K, the pulse type is "pulse + direction", open-collector output;
- NO.3 7 high-speed input points! Response time is less than 2uS;
- NO.4 9 collector open outputs, the output current is 5A;
- NO.5 The board integrates a standard RS232 communication interface, and is equipped with Modbus RTU communication protocol, which can easily communicate with touch screens of various brands, the communication data format is 38400, 8, n, 1;
- NO.6 Three-color working indicator light helps you to know the status of the machine conveniently;
- NO.7 Equipped with a large-capacity memory, which can save 100 groups of parameters at the same time, which is convenient for the operator to operate.

### Wire sample



## BZW-882D Computerized cutting and stripping machine



### Technical parameters

Wire range	0.1-6mm <sup>2</sup> (AWG9-27#) (Other size can be special ordered)
Applied wire	PVC、PE、Teflon、Silicon and other plastic wires
Cutting length	5-99999mm
Cutting precision	± (0.2%*L+1) mm
Stripping length	0.5-30mm(Other size can be special ordered)
Middle stripping	1-13
Capacity	3000-7000 pcs/h
Tool materials	Imported tungsten steel and high speed steel
Drive	4 wheels driven
Feeding speed	2m/s
Voltage	220V 50HZ
Motor	0.24KW
Weight	28kg
Dimension	420 x 340 x 280mm

### Product feature

- NO.1 Computerized control, button operation, stable working performance, easy operation;
- NO.2 High speed wire stripping, wire head, wire end and total length can be set randomly within the wire cutting range;
- NO.3 The speed of wire feeding, cutting and stripping could be separately set to reach the best effect of stripping;
- NO.4 It has the function setting total quantity, bundle quantity, time postpone, middle stripping and etc;
- NO.5 Motor drive using subdivision method, with high precision and long service life;
- NO.6 100 kinds of different wire data can be stored in the system.

### Wire sample



## BZW-882D2 Computerized cutting and stripping machine for double wires

### Technical parameters

Wire range	0.1-2.5mm <sup>2</sup> *2wires
Cutting length	10-99999mm
Cutting precision	± (0.2%*L+1) mm
Stripping length	0.5-30mm(Other size can be special ordered)
Capacity	6000-15000 pcs/h
Tool materials	Other size can be special ordered
Drive	4 wheels driven
Feeding speed	2m/s
Voltage	220V 50HZ
Power	0.3KW
Weight	30kg
Dimension	420 x 340 x 280mm

### Product feature

- NO.1 Two wires can be processed at the same time and higher working efficiency;
- NO.2 Computerized control, button operation, stable working performance and easy operation;
- NO.3 High speed wire stripping, wire head, wire end and total length can be set randomly within the wire cutting range;
- NO.4 The speed of wire feeding, cutting and stripping could be separately set to reach the best effect of stripping;
- NO.5 It has the function setting total quantity, bundle quantity, time postpone, middle stripping and etc;
- NO.6 Motor driver using subdivision method, with high precision and long service life;
- NO.7 100 kinds of different wire data can be stored in the system.

### Wire sample



## BZW-882DP Computerized cutting and stripping machine for flat sheathed cable

### Technical parameters

Inner core cross section	2*0.1-2*2.5mm <sup>2</sup>
Cutting precision	± (0.2%*L+1) mm
Stripping length	sheath ( wire head 0.1-200mm
	wire end 0.1-150mm )
	Inner core ( wire head 0.1-100mm
	wire end 0.1-100mm )
Capacity	1000-3000 pcs/h
Tool materials	Imported tungsten steel and high speed steel
Drive	4 wheels driven
Feeding speed	0.7m/s
Voltage	220V 50HZ
Motor	0.3KW
Air supply	0.4Mpa-0.6Mpa
Weight	34kg
Dimension	420 x 297 x 345mm



### Wire sample



### Product feature

- NO.1 It is designed for processing the flat sheathed wire by stripping the two layers at the same time (the sheath and the core insulation);
- NO.2 Computerized control, button operation, stable working performance, easy operation;
- NO.3 High speed wire stripping, wire head, wire end and total length can be set randomly within the wire cutting range;
- NO.4 The speed of wire feeding, cutting and stripping could be separately set to reach the best effect of stripping;
- NO.5 It has the function setting total quantity, bundle quantity, time postpone, middle stripping and etc;
- NO.6 Motor drive using subdivision method, with high precision and long service life;
- NO.7 100 kinds of different wire data can be stored in the system.

## BZW-882DH Computerized cutting and stripping machine for round sheathed cable

### Technical parameters

Wire range	Multi-core sheathes cable ( other size can be special ordered )
Wire diameter	less than $\phi$ 12mm
Cutting length	0.1-99999mm
Cutting precision	± (0.2%*L+1) mm
Wire head	Wire head 0.1-200mm
	wire end 0.1-150mm(other size can be special ordered)
Capacity	1000-5000 pcs/h
Tool materials	Imported tungsten steel and high speed steel
Drive	4 wheels driven
Feeding speed	1m/s
Voltage	220V 50HZ
Power	0.35KW
Air supply	0.3Mpa-0.5Mpa
Weight	30kg
Dimension	420 x 297 x 345mm



### Product feature

- NO.1 It is designed for processing the round sheathed wire by stripping the sheath at the two ends;
- NO.2 Computerized control, button operation, stable working performance, easy operation
- NO.3 High speed wire stripping, wire head, wire end and total length can be set randomly within the wire cutting range;
- NO.4 The speed of wire feeding, cutting and stripping could be separately set to reach the best effect of stripping;
- NO.5 It has the function setting total quantity, bundle quantity, time postpone, middle stripping and etc;
- NO.6 Motor drive using subdivision method, with high precision and long service life;
- NO.7 100 kinds of different wire data can be stored in the system.

### Wire sample



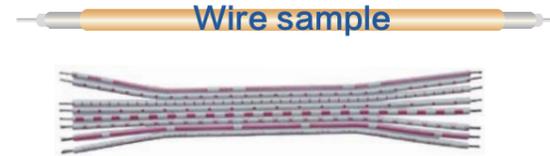
## BZW-882D+F Computerized slitting, cutting and stripping machine for ribbon cable

### Technical parameters

Wire range	AWG26#: 1-15pin; AWG24#: 1-12pin ( Specially Customizable )
Cutting length	30-99999mm
Slitting length	1-200mm
Cutting precision	± (0.2%*L+1) mm
Stripping length	wire head 0.5-30mm
	wire end 0.5-30mm
Capacity	1000-3000 pcs/h
Tool materials	Imported tungsten steel and high speed steel
Drive	4 wheels driven
Feeding speed	0.7m/s
Power	220V 50HZ
Motor	0.3KW
Air supply	0.3Mpa-0.5Mpa
Weight	40kg
Dimension	460 x 297 x 345mm



### Wire sample



### Product feature

- NO.1 It is designed for processing the ribbon cable by wire cutting, dividing and stripping;
- NO.2 Computerized control, button operation, stable working performance, easy operation;
- NO.3 High speed wire stripping, wire head, wire end and total length can be set randomly within the wire cutting range;
- NO.4 The speed of wire feeding, cutting and stripping could be separately set to reach the best effect of stripping;
- NO.5 It has the functions of setting total quantity, bundle quantity, time postpone, middle stripping and etc;
- NO.6 Motor drive using subdivision method, with high precision and long service life;
- NO.7 100 kinds of different wire data can be stored in the system;
- NO.8 It has two modes of wire slitting by punching and sliding cut.



## BZW-882DK Computerized cutting and stripping machine for 10-25 mm<sup>2</sup> wire

### Technical parameters

Wire range	1-25 mm <sup>2</sup> (other size can be special ordered)
Cutting length	0.1-100000mm
Cutting precision	± (0.2%*L+1) mm
Stripping length	0.1-50mm(other size can be special ordered)
Tool materials	Imported tungsten steel and high speed steel
Drive	4 wheels driven
Feeding speed	0.8m/s
Capacity	1500-3000 pcs/h
Voltage	220V 50HZ
Motor	0.5KW
Weight	35kg
Dimension	420 x 297 x 345mm



### Wire sample



### Product feature

- NO.1 It is designed for processing the large size wire by automatic wire cutting and stripping;
- NO.2 Computerized control, button operation, stable working performance, easy operation;
- NO.3 High speed wire stripping, wire head, wire end and total length can be set randomly within the wire cutting range;
- NO.4 The speed of wire feeding, cutting and stripping could be separately set to reach the best effect of stripping;
- NO.5 It has the function setting total quantity, bundle quantity, time postpone, middle stripping and etc;
- NO.6 Motor drive using subdivision method, with high precision and long service life;
- NO.7 100 kinds of different wire data can be stored in the system.

## BZW-228+N Computerized cutting, stripping and twisting machine for double wires

### Technical parameters

Wire range	0.1-2.0mm <sup>2</sup> *2 (AWG11#-28#) *2
Cutting length	0.1-99999mm
Cutting precision	± (0.2%*L+1) mm
Stripping length	wire head 0-30mm, wire end 0-30mm
Middle stripping	1-16 positions
Tool materials	Imported tungsten steel and high speed steel
Drive	4 wheels driven
Feeding speed	1.5m/s
Capacity	4000-10000 pcs/h
Power	220V 50HZ
Motor	0.3KW
Weight	35kg
Dimension	420 x 320 x 400mm



### Product feature

- NO.1** Two wires can be processed at the same time, automatically cutting, stripping and twisting;
- NO.2** Computerized control, button operation, stable working performance, easy operation;
- NO.3** High speed wire stripping, wire head, wire end and total length can be set randomly within the wire cutting range;
- NO.4** The speed of wire feeding, cutting and stripping could be separately set to reach the best effect of stripping;
- NO.5** It has the function setting total quantity, bundle quantity, time postpone, middle stripping and etc;
- NO.6** Motor drive using subdivision method, with high precision and long service life;

### Wire sample



## BZW-6C Hexagon shape terminal crimping machine

### Technical parameters

Wire range	6-120mm <sup>2</sup> (Min:AWG10#, 240mm <sup>2</sup> can be special ordered)
Crimping force	200KN
Diameter	32mm
Crimping width	12.5mm ( other size can be special ordered )
Weight	120KG
Dimension	500 x 450 x 480mm
Power	220V 50HZ
Motor	2300w

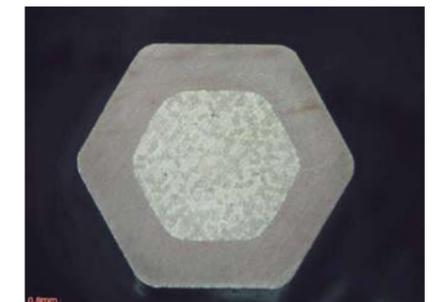


### Product feature

- NO.1** This machine is designed for crimping the tube terminal with large square;
- NO.2** Industrial level control chip and high precise servo driving to ensure its high speed and stable running;
- NO.3** With PLC control system, it can instantly change the crimping range of different terminals, and the operation is by touch screen;
- NO.4** It doesn't need to change crimping applicator when crimping the closed tube-shaped terminal from size 10-120 mm<sup>2</sup>; The crimping stroke can be changed easily as per the terminal size;
- NO.5** Suitable for crimping operation of non-standard or standard terminals;
- NO.6** No need to change the applicator with high accuracy;
- NO.7** Crimping joint can be completely opened, and is suitable for crimping the middle connection or the large terminal.
- NO.8** It can adjust the crimp position as per the actual size of the cable;
- NO.9** Compact structure, space saving and low working noise.



CFM is optional



Terminal cross section diagram

### Wire sample



## BZW-6D Enlarge hexagon shape terminal crimping machine

### Technical parameters

Wire range	10-240mm <sup>2</sup> ( Can be specially made to 400mm <sup>2</sup> )
Crimping force	500KN
Diameter. Max	47mm
Crimping width	30mm ( can be special ordered )
Weight	325kg
Dimension	740 × 650 × 1030mm
Power	220v50Hz
Motor	4500W

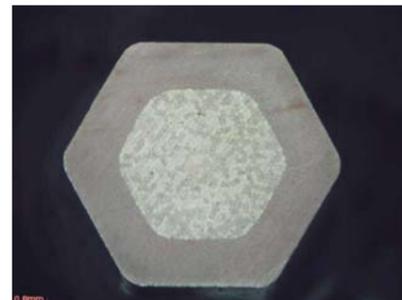


### Product feature

- NO.1 Suitable for all kinds of multi-larger tubular terminal;
- NO.2 No need to change the mould, pulse control with high accurac;
- NO.3 Crimping force is up to 500KN, and the max is 400mm<sup>2</sup> ;
- NO.4 Terminal crimping width is up to 30mm;
- NO.5 Compact structure, space saving and low work noise.



CFM is optional



Terminal cross section diagram

### Wire sample



## BZW-6F Elbow hexagon shape terminal crimping machine

### Technical parameters

Wire range	6-120mm <sup>2</sup>
Crimping force	200KN
Diameter. Max	38mm
Crimping width	12.5mm ( Can be special ordered )
Weight	160KG
Dimension	700 x 860 x 1260mm
Power	220V 50HZ
Motor	2300w



### Product feature

- NO.1 Suitable for crimping process with customized or cold-pressed terminals;
- NO.2 No need to change crimping applicator, servo control system with high accuracy;
- NO.3 Separated crimping interface, suitable for intermediate junction, and new energy right angle terminal crimping;
- NO.4 Actual terminal square can be adjusted, with more clearer vision;
- NO.5 Compact structure, space saving and low work noise.



CFM is optional

### Wire sample



## BZW-5C Hexagon shape terminal crimping machine for small cable

### Technical parameters

Wire range	2.5-35mm <sup>2</sup> (AWG2#-AWG13#)
	0.5-10mm <sup>2</sup> (can be special ordered)
Crimping force	80KN
Diameter. Max	24mm
Crimping width	8mm ( can be special ordered )
Weight	80KG
Dimension	640*350*420mm
Power	220V 50HZ
Motor	1500w

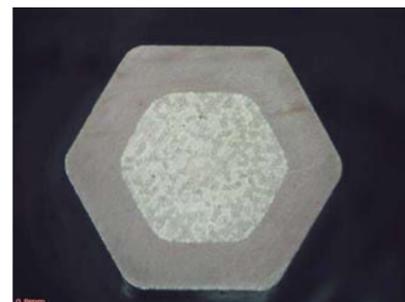


### Product feature

- NO.1** This machine is designed for crimping the tube terminal with small square;
- NO.2** Industrial level control chip and high precise servo driving to ensure its high speed and stable running;
- NO.3** With PLC control system, it can instantly change the crimping range of different terminals, and the operation is by touch screen;
- NO.4** It doesn't need to change crimping applicator when crimping the closed tube-shaped terminal from size 2.5-35 mm<sup>2</sup>;
- NO.5** Suitable for crimping operation of non-standard or standard terminals;
- NO.6** No need to change the applicator and with high accuracy;
- NO.7** Crimping joint can be completely opened, and suitable for pressing the middle connection or the large square terminal;
- NO.8** It can adjust the crimp position as per the actual size of the cable;
- NO.9** Compact structure, space saving and low working noise.



CFM is optional



Terminal cross section diagram

### Wire sample



## BZW-2.5T+D+GK Servo terminal crimping machine with net management control system

### Technical parameters

Crimping force	Max.40KN
Rated power	Max.2.0KW
Power	220V 50HZ
Dimension	1000 x 600 x 1500mm
Weight	120KG
Stoke	30mm, 40mm
Applied applicator	OTP applicator, pneumatic applicator, european applicator



CFM is optional

### Product feature

- NO.1** Adopted with advanced network control system, each device is equipped with industrial control computer. The host can control the operation of multiple devices and real time monitoring of production at the same time. Not only improve work efficiency and product quality, but also saving labor costs;
- NO.2** Assembled with servo motor, to ensure the stability and accuracy of crimping;
- NO.3** It can be equipped with crimping force monitor to increase the product quality;
- NO.4** Can be connected with ERP or MES system;
- NO.5** Crimping parameters always kept to ensure product quality traceability;
- NO.6** Crimping height can be equipped with an optional height measuring device to record the height of the product at any time;

### Wire sample



## BZW-2.5T+Z ( Customized and liftable ) servo crimping machine



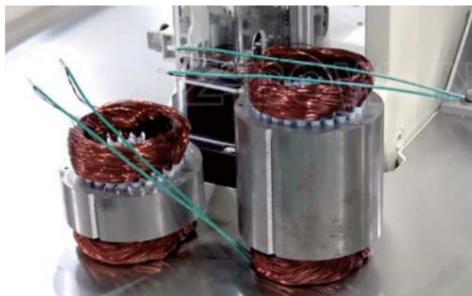
### Technical parameters

Crimping force	Max.40KN
Rated power	Max.2.0KW
Power	220V 50HZ
Dimension	1000 x 600 x 1500mm
Weight	120KG
Stoke	30mm, 40mm
Applied applicator	OTP applicator, pneumatic applicator, european applicator
Lifting stroke	100mm(customizable)

### Product feature

- NO.1** This machine is equipped with advanced servo controlling system, automatic crimping force adjusting, stable crimping performance, manual operation;
- NO.2** Touching screen operating, simple and perceptual intuition, can be connected with ERP/MES system;
- NO.3** It can storage all kinds of mould data, fast mould change, saving the adjusting time;
- NO.4** Various function setting, crimping speed, force and crimping time are adjusted, process crimping, and multi crimping height periodic working;
- NO.5** It can be equipped with crimp force monitor to increase the product quality;
- NO.6** Energy saving, low noise, and it is the first choice in pursuit of high cost performance;
- NO.7** Crimping parameter always saved, to ensure product quality traceability.
- NO.8** Customized,the crimping position can be raised or lowered(motor manufacturing industry).

### Wire sample



## BZW-2.5T+D Servo terminal crimping machine



### Technical parameters

Crimping force	Max.40KN
Rated power	Max.2.0KW
Power	220V 50HZ
Dimension	1000 x 600 x 1500mm
Weight	120KG
Stoke	30mm, 40mm
Applied applicator	OTP applicator, pneumatic applicator, european applicator

### Product feature

- NO.1** This machine is equipped with advanced servo controlling system, automatic crimping force adjusting, stable crimping performance, manual operation, wide height adjusting range;
- NO.2** Touching screen operating, simple and perceptual intuition, can be connected with ERP/MES system;
- NO.3** It can storage all kinds of mould data, fast mould change, saving the adjusting time;
- NO.4** Various function setting, crimping speed, force and crimping time are adjusted, process crimping, and multi crimping height periodic working;
- NO.5** It can be equipped with crimp force monitor to increase the product quality;
- NO.6** Energy saving, low noise, and it is the first choice in pursuit of high cost performance;
- NO.7** Crimping parameter always saved, to ensure product quality traceability.

### Wire sample



## BZW-2T-C Mute terminal crimping machine

### Technical parameters

Crimping force	20KN
Rated power	0.75KW
Average power	0.45KW
Power	220V 50HZ
Dimension	270 x 260 x 640mm
Weight	54KG
Stroke	30mm (40mm is optional)

### Product feature

- NO.1** Upgraded terminal crimping machine with high crimping precision and stability;
- NO.2** Advanced frequency controller, rail mounted transmission structure;
- NO.3** Imported high precise approaching switch , reducer. Wire feeding is fast and high efficient;
- NO.4** Multi-functions setting, crimping speed, force and time are adjusted, and also equipped with electronic counter;
- NO.5** The crimping force monitor can be installed to ensure the qualification of the product;
- NO.6** The machine can be modified into European style with safety cover



### Wire sample



## BZW-16T-C Mute terminal crimping machine

### Product feature

- NO.1** Heavy loaded crimping machine, especially for crimping of the 120mm<sup>2</sup> cable;
- NO.2** Multi-functions setting, crimping speed, force and time are adjusted, and also equipped with electronic counter;
- NO.3** PLC control, rigid transmission structure, stable crimping performance, which is suitable for long time and large quantity production;
- NO.4** Safe and fast crimping speed, humanized design, standard machine cover, safety grating and other protections to protect the operator;
- NO.5** Manual rotation is more easy and convenient to adjust the mould, which is idea product for replacing the traditional punch and hydraulic clamp;
- NO.6** Cylinder automatic positioning, automatic wire clamping, wire feeding, terminal crimping and other procedures.



### Wire sample



### Technical parameters

Wire range	10-120mm <sup>2</sup>
Crimping force	160KN
Rated power	7.5KW
Average power	3.5KW
Power	380V 50Hz, three phase
Dimension	900 x 1000 x 2000 mm
Weight	900 KG
Stroke	40mm (50mm is optional)

## BZW-4T-C Mute terminal crimping machine

### Technical parameters

Crimping force	40KN
Rated power	1.5KW
Average consumption	0.55KW
Power	220V 50Hz
Dimension	310 x 280 x 710 mm
Weight	68 KG
Stroke	30mm (40mm is optional)

### Product feature

- NO.1** Advance frequency controller, simple transmission structure, stable performance, manual testing operation, easy to change the applicator, wide range height adjustment and time saving;
- NO.2** Imported high precise approaching switch , reducer. Wire feeding is fast and high efficient;
- NO.3** Multi-functions setting, crimping speed, force and time is adjusted, and also equipped with electronic counter;
- NO.4** Energy saving, low noise and high cost performance.
- NO.5** The machine can be modified into European style with safety cover



### Wire sample



## BZW-8T-C Mute terminal crimping machine

### Technical parameters

Cross section range	6-75mm <sup>2</sup>
Force	80KN
Rated power	3.0KW
Average power consumption	0.75KW
Power Supply	220V 50HZ
Dimension	470 x 360 x 880mm
Weight	300KG
Stroke	30mm/40mm (Can be special ordered )

### Product feature

- NO.1** Upgraded terminal crimping machine with high crimping precision and stability;
- NO.2** Advanced frequency controller, rail mounted transmission structure;
- NO.3** Imported high precise approaching switch , reducer. Wire feeding is fast and high efficient;
- NO.4** Multi-functions setting, crimping speed, force and time are adjusted, and also equipped with electronic counter;
- NO.5** The crimping force monitor can be installed to ensure the qualification of the product;
- NO.6** The safety cover can be installed.



### Wire sample



## BZW-20TS Servo large terminal crimping machine

### Technical parameters

Wire range	2.5-150mm <sup>2</sup>
Crimping force	200KN
Crimping width	≤15mm
Stroke	48mm
Weight	330KG
Dimension	700 x 880 x 1340 mm
Power	220V 50/60Hz
Power	4.5KW



### Product feature

- NO.1** New mode servo motor crimping machine, can change different types of applicators according to different products;
  - NO.2** Advanced servo motor and PLC control system;
  - NO.3** Crimping force monitor is used to check if wire crimped qualified; crimping force exceed setting value, machine alarm and stop, and pop up crimping force anomaly window;
  - NO.4** High-tech industrial computer, PLC and crimping force system, data can be stored and checked;
  - NO.5** Data storage for different parameters, which allows continuous sequential crimping function;
  - NO.6** Stable working, large crimping force, overload protection;
  - NO.7** Applicators made of imported applicator steel, long durability.
- Note: user should upload data by themselves if connect with MES and server.

### Wire sample



## BZW-4040T Mute terminal crimping machine

### Technical parameters

Strokemm	40mm/30mm
Crimping force	40KN
Shut height	135.78mm
Weight	115kg
Processing range	0-8mm <sup>2</sup>
Regulating variable	2mm
Stroke	160s.p.m
Power supply	AC220/50Hz
Motor	1.5KW
Dimension	L370xW300xH860

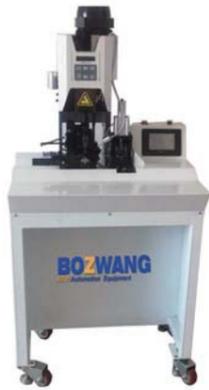


### Product feature

- NO.1** Frequency conversion control to save energy, mute;
- NO.2** Reasonable transmission structure, stable and reliable;
- NO.3** The shut height is adjustable, and the accuracy is guaranteed to be 0.02mm;
- NO.4** Perfectly match all kinds of applicators, and can change applicators quickly;
- NO.5** The system is compatible with pneumatic feeding, paper receiving, cutting and other functions;
- NO.6** Unique design of safety cover and crimping overload protection function;
- NO.7** Pressure monitoring system can be installed to monitor product quality in real time.

### Wire sample





## BZW-2FDX Multi-core cable stripping and crimping machine

### Technical parameters

Wire stripping range	2-4 core ,Min Stripping length 25mm 5-10core, Min stripping length 40mm
Crimping cross section	Min: $\phi$ 0.8mm Max: $\phi$ 4.0mm
Capacity	For 12 cores $\leq$ 5500 pcs/h
Rate of power	50W
Power supply	220V 50/60HZ
Air supply	0.5-0.7 mPa
Dimension	650 x 450 x 1350mm
Weight	90KG

### Product feature

- NO.1** This machine is a multi-core automatic shearing core head, stripping and crimping machine. It can strip off up to 12 cores at one time. It can improve processing efficiency, greatly reduces labor, and is convenient and quick to operate;
- NO.2** Applied Shenli closed-loop motor, Airtec pneumatic parts, Xinjie PLC touch screen, the system software all encrypted;
- NO.3** The parameters required for core crimping are set on the touch screen, safe and simple manual control, interface intuitive and easy to operation.

### Wire sample



## BZW-2T-D Wire stripping and terminal crimping machine (Applicator changeable )

### Technical parameters

Wire range	0.1-2 mm <sup>2</sup> (AWG14#-27#) (Other size can be specially ordered)
Stripping length	1-15mm
Stripping type	Pneumatic
Crimping force	20 KN
Air supply	0.3-0.4pa
Rated power	0.75KW
Average power	0.45KW
Power	220V 50HZ
Dimension	500 x 350 x 730 mm
Weight	70 KG
Stroke	30mm (40mm is optional)
Functions	stripping and terminal crimping, especially better for processing the cable core, hairline, multi-layers shielded wire and network wire.

### Product feature

- NO.1** For processing the sheathed wire, the stripping and crimping can be finished at one time to save the time and labor force;
- NO.2** Adopts with frequency control, it realizes soft start and soft stop with no mechanical loss;
- NO.3** Easily adjust and high stability;
- NO.4** It achieves the integration of pneumatic-electric.

### Wire sample



## BZW-2.5T-FBD Semi-automatic wire stripping, crimping and seal inserting machine

### Technical parameters

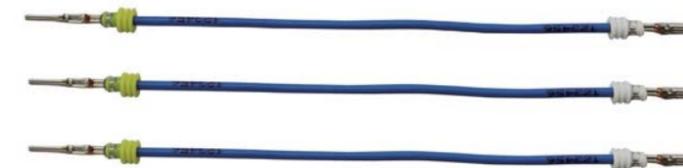
Applicable wire	0.2-2.5 mm <sup>2</sup>
Stripping length	0mm-10.0mm
tangent error	$\pm$ 0.02mm
crimping force	3T
Stroke	40mm
Capacity	1000-1200pcs/h
Waterproof seal	$\leq$ $\phi$ 10 x 10
Power supply	AC 200V 50Hz
Air Source	0.5-0.7mpa
Dimension	850 x 880 x 1300mm
Weight	300KG



### Product feature

- NO.1** This is a integrated machine, mainly used to wire stripping, crimping and seal inserting, which increases the production efficiency;
- NO.2** Adopted high efficient servo motor, high speed stamping, stable pressure;
- NO.3** Stripping slide adopts screw rotation , which ensures high precise stripping length;
- NO.4** Seal-feeding structure , simple and easy to change, meets different needs ;
- NO.5** Easy to operate, stable quality, position integration .

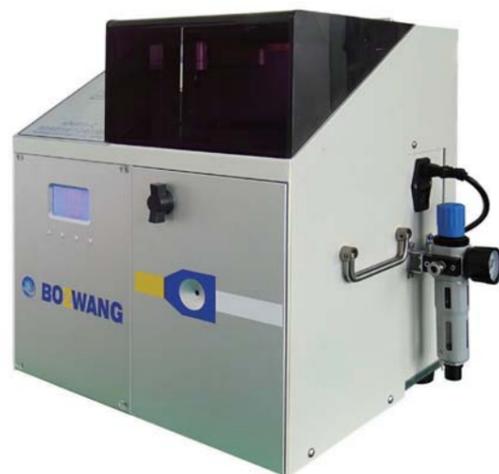
### Wire sample



## BZW-F2.5+Z Pre-insulated terminal stripping and crimping machine

### Technical parameters

Wire range	0.5-2.5 mm <sup>2</sup> (AWG13#-AWG20#) (Other size can be specially ordered)
Stripping length	6-12mm ( Other size can be specially ordered )
Applied terminal	6/8/10/12mm ( Other size can be specially ordered )
Air supply	0.5-0.7MPa
Power	220V/50HZ
Dimension	400 x 340 x 450 mm
Weight	32 kg
Function	wire threading, stripping and crimping can be finished at the same time



### Product feature

- NO.1** Wire threading, stripping and terminal crimping are finished at one time, especially for crimping international standard tube terminal;
- NO.2** Vibrating plate for terminal feeding, convenient and fast in changing the terminal;
- NO.3** it simplifies the complicated procedure, the overall efficiency is increased by 3-4 times compared to the manual working, with a greater cost performance;
- NO.4** the wire inserting part is horn shape which is convenient for wire threading;
- NO.5** The wire stripping diameter and crimping height can be adjusted;
- NO.6** Sensitive pneumatic control, fast crimping;
- NO.7** Imported components and cylinder ensures its stable performance.

### Wire sample

Before crimping



After crimping



## BZW-F4+Z Semi-automatic stripping and crimping machine for tubular terminal

### Product feature

Wire diameter range	0.5-4.0mm <sup>2</sup> ( AWG11#-AWG20# )
Stripping length	6-16mm
Terminal length	6-12mm
Air supply	0.5-0.7MPa
Power supply	220V/50HZ
Power	800W
Dimension	550*350*430mm
Weight	40Kg
Function	wire stripping and twisting, terminal inserting and crimping one time finish



### Technical parameters

- NO.1** Add the wire twisting function to prevent the occurrence of reverse wire and improve the yield rate;
- NO.2** There is no need to replace the vibrating plate, and the efficiency is increased;
- NO.3** Wire inserting tool can be quickly replaced;
- NO.4** Touch screen operation, you can set parameters such as stripping length and stripping depth;
- NO.5** Use imported pneumatic components with stable performance;
- NO.5** Wire stripping, wire twisting, terminal inserting and crimping are completed at one time, greatly improving production efficiency.

### Wire sample



## BZW-F108 Portable pneumatic crimping device

### Product feature

Crimping range	Needle terminal: 0.5-16mm <sup>2</sup> (AWG20#-AWG5#), pre-insulation/bare terminal: 0.1-10mm <sup>2</sup> (AWG28#-AWG7#)
Crimping force	15KN
Air supply	0.5-0.7MPa
Dimension	260 x 120 x 140 mm
Weight	4 KG
Function	pneumatic crimping without any electricity



### Technical parameters

- NO.1** Crimping the international standard pre-insulation terminal, bared terminal and tubular terminal;
- NO.2** Elaborate design, obvious advantage of cost performance;
- NO.3** The crimping applicator is made from superior alloy steel by special heat treatment, fast speed with applicator changing;
- NO.4** Pneumatic control without any electricity;
- NO.5** Foot switch control, reliable and excellent crimping effect.

### Wire sample



## BZW-5.0+Z Automatic single end twisting, tinning and terminal crimping machine for 5 wires

### Technical parameters

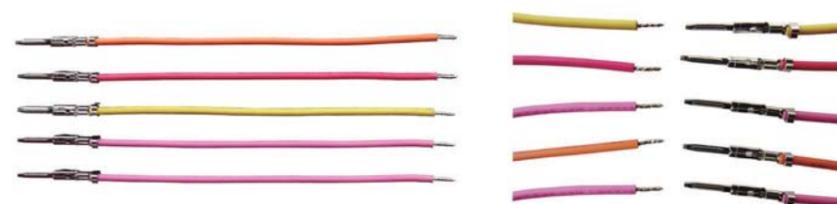
Cross section	AWG#16-AWG#30
Function	Wire cutting、single end strip、double end strip、single end half strip、double end half strip、single end twisting、single end crimping、single end tinning
Cutting length	8mm-650mm (longer length can be customized )
Stripping length	Wire head: 0.1mm-15mm
Twisting length	3mm-7mm
Tube diameter	Φ0.8mm-3.5mm
Power	AC 220V/50/60HZ Single phase
Crimping force	2.0T
Working speed	5000-5500 pcs/hour
Crimping position	Digital adjustment
Air pressure	5-7kgf(Clean and dry air is required)
Detection device	Low air pressure、wire lack or not、unqualified crimp、wire knotting
Tool material	Tungsten steel/ high speed steel
Dimension	900 x 600 x 1400mm ( Excluding raised part )
Weight	About 250kg



### Product feature

- NO.1 Exquisite, compact design, human design and small footprint;
- NO.2 Digital intelligent touch screen, easy to learn and use;
- NO.3 Can store 100 sets of processing procedures, change process and material quickly;
- NO.4 High speed DSP distributed control system, silent hybrid servo drive, high precision and fast speed;
- NO.5 Wire feeding through straight tube, with no fear of wire blockage, the machine performance gets more stable and finished wire will be more tide;
- NO.6 Blades are well clipped and fixed on frame, easy to install and understand, more fast and save labor force;
- NO.7 Twisting mechanism has the function of automatic reset, different diameter no need to adjust to realize the universal wire twisting;
- NO.8 Input circuit equipped with abnormal signal lights, which can indicate the bug zone, and helps worker with

### Wire sample



## BZW-887 Automatic wire cutting, twisting and tinning machine

### Technical parameters

Applicable wire	Pin, flat ribbon, enameled wire, twisted wire
Cutting length	40mm-650mm ( longer length can be customized )
Stripping length	1-15mm
Twisting length	3-15mm
Tinning length	0.5mm-15mm
Capacity	7000-8000 pcs/h (wire length 100mm)
Air pressure	0.5Mpa
Function	Wire cutting, single end stripping, double ends stripping, single end tinning, double ends tinning, single end twisting, double ends twisting, single end half stripping, double ends half stripping, English and Chinese can be switched
Power	AC 220V/50/60HZ, single phase 1300W
Dimension	2800 x 800 x 1500mm
Weight	About 250KG



### Product feature

- NO.1 PLC control to ensure the stability of the each procedure;
- NO.2 Touching screen operation, the parameters of cutting length, cutting depth and wire tinning are all digital setting (full stripping or half stripping);
- NO.3 High precise sliding rail from Tai Wan, even tinning effect, which is suitable for long time working;
- NO.4 High precise Mitsubishi servo smotor, long service life, high precision and stable running;
- NO.5 Imported pneumatic, stable transmission and long life service;
- NO.6 The wire feeding system can be equipped.

### Wire sample



## BZW-884 Wire stripping, twisting and tinning machine for sheathed cable ( single end )



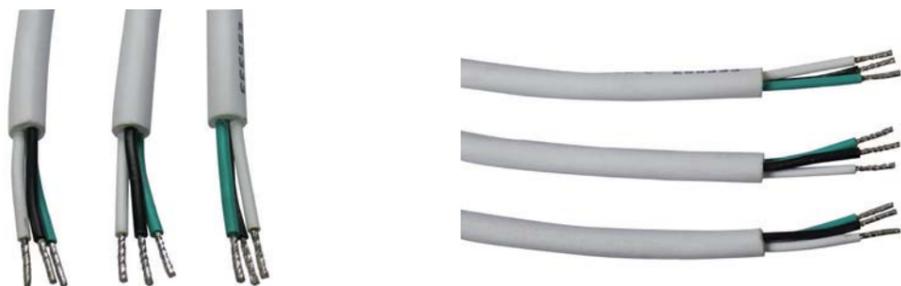
### Technical parameters

Stripping length	2mm-9mm
Applied wire	H03VVH2-F、H05WH2-F、H03V V-F、RVV、VFF、3 cores round sheathed wire, flat sheathed wire
Capacity	1700-2000 PCS/H
Wire dividing length	Max.50mm
Tinning length	2mm-9mm
Air supply	0.5 Mpa-0.8 Mpa, 6m³/h
Voltage	AC220V /50HZ
Motor	0.75KW
Weight	300kg
Dimension	1200 × 630 × 1300mm
Function	Wire dividing, stripping, twisting and tinning accomplished at one time

### Product feature

- NO.1** Mainly process for the 3 cores round sheathed wire and other sheathed wire by stripping ,twisting and tinning;
- NO.2** Compact structure design, fast positioning and high precision;
- NO.3** Big power tinning furnace, fast temperature increasing and high control precision;
- NO.4** High production and level of automation, labor force saving and stable quality.

### Wire sample



## BZW-3.0+GF Automatic PV wire linked terminal crimping machine ( single end )



### Product feature

- NO.1** This advanced equipment has the higher level of processing ability and precision, mainly aimed at the processing the PV wire with linked photovoltaic terminals;
- NO.2** Full closed loop flexible wire feeding system, rubber belt feeding device to protect the wire surface from damaging, increasing the wire feeding accuracy;
- NO.3** It uses network drive system to meet the industrial processing requirement of the PV wire;
- NO.4** Import servo motor drive, to ensure high precision, high efficiency and high stability;
- NO.5** Industrial computer operating system, operation easy and simple;
- NO.6** Equipment debugging is combined with manual and automatic mode, which will make debugging process be more faster and easier;
- NO.7** Servo crimping system, crimping compression ratio is stable, to meet the requirements of cross section analysis.

### Technical parameters

Wire range	4-6mm²(Other size can be special ordered )
Cutting length	80-20000mm
Cutting precision	± ( 0.2%*L+1 ) mm
Stripping length	0.1-18mm
Feeding speed	Max. 8.0 m/s
Crimping force	30KN
Voltage	220V 50HZ
Air supply	0.5 Mpa-0.7 Mpa, 8m³/h
Weight	About 1100KG
Dimension	3500 x 1200 x 1700 mm
Detecting ability	Wire knotting, wire lacking, terminal lacking, air pressure ,bare wire and lack of terminal crimping detecting
Applicator range	OTP applicator, european applicator and pneumatic applicator
	It can be equipped with crimping force monitoring system, monitoring the pressure during the whole processing and 100% traceability
Function	Automatic wire cutting, wire single end striping and double end stripping/half stripping/ terminal crimping (it is optional)

### Wire sample



## BZW-2.5T+D-PV Servo double position crimping machine for JB box

### Technical parameters

Crimping force	40KN
Motor power	2.0KW
Voltage	200V 50HZ
Crimping speed	0.5s/time
Dimension	1050 x 610 x 1500mm (Table size can be customized)
Weight	120kg



Double crimping applicator for PV junction box



### Product feature

- NO.1** It is mainly used for crimping the male and female terminal of the PV junction box at one time;
- NO.2** Driven by servo motor, crimping torque is stability;
- NO.3** High precision crimping, cross section compression ratio is stable;
- NO.4** Touching screen operating, crimping speed can be adjusted, intuitive and concise;
- NO.5** It can be equipped with pressure monitoring system to increase the product quality.

### Wire sample



Before crimping



After crimping



## BZW-3.0+2GF Automatic PV linked terminal crimping machine ( Double ends )



### Technical parameters

Wire range	4-6mm <sup>2</sup> (Other size can be special ordered)
Cutting length	80-20000mm
Cutting precision	± ( 0.2%*L+1 ) mm
Stripping length	0.1-18mm
Feeding speed	Max. 8.0 m/s
Crimping force	30KN
Voltage	220V 50HZ
Air supply	0.5 Mpa-0.7 Mpa, 8m <sup>3</sup> /h
Weight	About 1100KG
Dimension	3500*1200*1700mm
Detecting ability	Wire knotting,wire lavking,terminal lacking,air pressure,bare wire and lack of terminal crimping detecting.
Applicator range	It can be equipped with crimping force monitoring system,monitoring the pressure during the whole processing and 100% traceability.
Function	Automatic wire cutting,wire single end stripping and double end stripping/half stripping/terminal crimping(it is optional)

### Product feature

- NO.1** This advanced equipment has the higher level of precessing ability and precision,mainly aimed at the precessing the PVwire with linked photovoltaic terminals;
- NO.2** Full closed loop flexible wire feeding system,rubber belt feeding device to prectect the wire surface form damaging,increasing the wire feeding accuracy;
- NO.3** It uses network drive system to meet the industrial processing requirement of the PV wire;
- NO.4** Import servo motor drive,to ensure high precision,high efficiency and high stability;
- NO.5** Industrial computer operating system,operation easy and simple;
- NO.6** Equipment debugging is combined with manual and automatic mode,which will make debugging precess be more faster and easier;
- NO.7** Servo crimping system,crimping compression ratio is stable,to meet the requirements of cross section analysis.





## BZW-82 JB box nuts tightening machine

### Technical parameters

Function	Automatically tighten the nut of the junction box as per the requirement
Capacity	15-20pcs/min
Air supply	0.5 Mpa-0.7 Mpa(dry and clean air source)
Power	AC 220V/50HZ, 800W
Dimension	600 x 500 x 1200 mm
Weight	About 60kg

### Product feature

- NO.1** It is used for tightening the nuts on the junction box, fast tightening speed and simple operation;
- NO.2** Imported components, stable in working performance and high degree of automation;
- NO.3** Imported serve motor system, fast running speed and stable performance;
- NO.4** Touch screen operation, it can set the parameters of torque force, junction box position, nut rotation and etc.

### Wire sample



## BZW-83 PV wire connector tightening machine

### Technical parameters

Inspecting device	The tightening distance is controlled by the distance or the torque force
Capacity	20-40pcs/min
Function	Tightening nuts of connector to the required position
Air pressure	5-6kg(it requires the clean and dry air source)
Power	AC 220V/50/60HZ Single phase
Dimension	500 x 400 x 280 mm
Weight	About 50kg

### Product feature

- NO.1** The parts of the machine are imported, which is used to tighten the nuts on the female and male connectors. it is fast in tightening speed and simple operation with stable performance, in order to save the labor cost;
- NO.2** It uses the servo motor , which the torque value can be set in fast rotation, the value of the torque force can be set on the touching screen, or the position of the connector can be adjusted to be suitable for the tightening distance of the nut;
- NO.3** It can be used to tighten the nut of the female and male connectors on the same machine, which increasing the productivity;
- NO.4** Torsion can be controlled;productivity;
- NO.5** Adopted with imported sensors. more accurate position.

### Wire sample



## BZW-833X Green energy connector tightening machine

### Technical parameters

Applied range	Φ5-50mm ( Other size can be special ordered )
Torque range	0-50NM ( Special can be customized made)
Torque frequency	10-80000Hz
Weight	80kg
Dimension	550 x 320 x 350mm
Power	200-240V50Hz/60Hz
Motor	400w
Capacity	15-20pcs/min

### Product feature

- NO.1** Mainly for the charging cable nuts tighten, quick action and simple operation;
- NO.2** Adopt with imported components, stable performance and high degree automation;
- NO.3** With imported servo motor system, fast operation speed and stable performance;
- NO.4** With touch screen operation interface, the parameters such as torque, torque frequency, nuts rotation and so on can be easily set;
- NO.5** Torque sensor is optional.

### Wire sample



## BZW-833C Power charging nuts tightening machine

### Technical parameters

Torque range	0.1-50NM
Torque frequency	10-80000Hz
Weight	80kg
Dimension	550 x 320 x 350mm
Power	200-240V50Hz/60Hz
Motor	400w

### Wire sample



### Product feature

- NO.1** Mainly for different kinds of green energy wire harness tighten;
- NO.2** Easy to change dies, high precise torque;
- NO.3** Green energy connector tightening machine, easy to operate;
- NO.4** Compact structure, save space, low working noise.



## BZW-886A Computerized coaxial cable stripping machine



## BZW-886B Computerized coaxial cable stripping machine



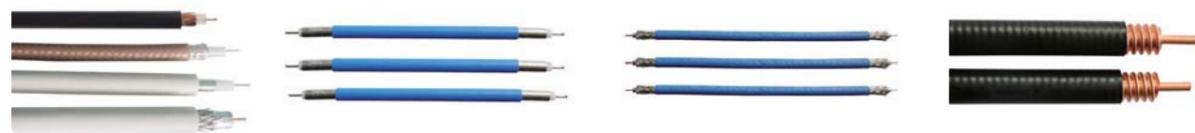
### Technical parameters

Applied wire	Small size coaxial cable	Middle size coaxial cable
Voltage	AC220V/110V 50/60HZ	AC220V/110V 50/60HZ
Motor	150W	190W
Stripping length	0.1mm-48mm	0.1mm-85mm
Stripping length setting unit	0.01mm	0.01mm
Cutting wire diameter	Φ0.81-Φ7.5mm	Φ1.5-Φ15mm
Cutting depth setting unit	0.01mm	0.01mm
Stripping method	Rotary cutter	Rotary cutter
Stripping layer	Max.9 layers	Max.9 layers
Capacity	500-700pcs/h	400-600pcs/h
Cutter materials	Import tungsten steel	Import tungsten steel (Kenna or Fuji)
Drive mode	DC servo motor /TBI ball screw	DC servo motor /TBI ball screw
Working environment	-5 - 45 degree ,dry ,table without vibration	-5 - 45 degree ,dry ,table without vibration
Dimension	530 × 330 × 190mm	640 × 230 × 330mm
Weight	22kg	34kg

### Product feature

- NO.1** Mainly used for processing multi-layer stripping of small/middle size communication cables;
- NO.2** Touch screen interface, stripping depth/speed/distance and rotating time can be digital input;
- NO.3** Using the most advanced rotary cutter frame, improve the processing accuracy and speed;
- NO.4** Adopted with specific axis positioning device and rotary cutting tool, stripping 9 layers at most, it can processing different size of wires without changing cutters;
- NO.5** Wire clamping device: automatic centralizing, motor driving and clamping force is controlled by program.

### Wire sample



BZW-886A

BZW-886B

## BZW-886C Computerized coaxial cable stripping machine



## BZW-886D/886E Computerized coaxial cable stripping machine



### Technical parameters

Applied wire	Large size coaxial cable and automotive cable	Large size coaxial cable and automotive cable
Voltage	AC220V/110V 50/60HZ	AC220V/110V 50/60HZ
Motor	190W	300W
Stripping length	0.1mm-80mm/150mm	0.1mm-200mm
Stripping length setting unit	0.01mm	0.01mm
Cutting wire diameter	Φ2-Φ23mm	Φ5-Φ30mm / Φ10-Φ45mm
Cutting depth setting unit	0.01mm	0.01mm
Stripping method	rotary cutter	rotary cutter
Stripping layer	Max.9 layers	Max.9 layers
Capacity	150-450pcs/h	300-500pcs/h
Cutter materials	Import tungsten steel (Kenna or Fuji)	Import tungsten steel (Kenna or Fuji)
Drive mode	DC servo motor /TBI ball screw	DC servo motor /TBI ball screw
Working environment	-5 - 45 degree ,dry ,table without vibration	-5 - 45 degree ,dry ,table without vibration
Dimension	840 × 230 × 360mm	1100 × 360 × 570mm
Weight	42kg	130kg

### Product feature

- NO.1** Mainly used for processing multi-layer stripping of large/larger size communication cables;
- NO.2** Touch screen interface, stripping depth/speed/distance and rotating time can be digital input;
- NO.3** Using the most advanced rotary cutter frame, improve the processing accuracy and speed;
- NO.4** Adopted with specific axis positioning device and rotary cutting tool, stripping 9 layers at most, it can processing different size of wires without changing cutters;
- NO.5** Wire clamping device: automatic centralizing, motor driving and clamping force is controlled by program.

### Wire sample



BZW-886C

BZW-886D/E

## BZW-886+Q1/Q2 Automatic coaxial cable cutting and stripping machine (small/large size)



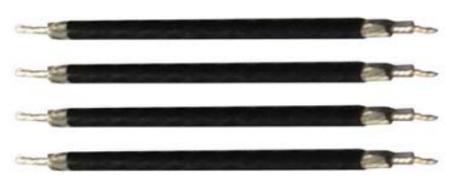
### Technical parameters

Cable diameter	Φ0.64-Φ4.0 mm/Φ1.37-Φ5.5 mm (Larger size can be specially ordered)
Cutting depth	0.01mm
Stripping length	0.1-40mm/0.1-60mm
Cutting length	20-9999mm/45-9999mm
Stripping mode	Rotary tool + Stripping tool
Stripping layer	9 layers
Tool	Imported tungsten steel + Imported high speed steel
Capacity	450-600pcs/h (It depends on the type and length of the wires)
Power	220V 50HZ
Dimension	970 x 770 x 560 mm
Weight	102KG
Working environment	-5-45°C, medium drying workshop, non-vibrating working platform
Function	Mainly processing the coaxial cable and special single wire

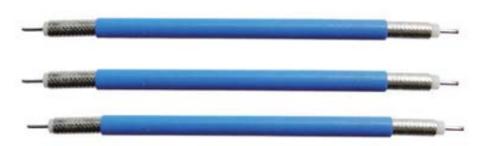
### Product feature

- NO.1** Mainly processing the communication cable (small/large cable) by automatically cutting, two ends multi-layers stripping without damaging the conductor;
- NO.2** Touching screen, the parameters of stripping depth, speed, length and rotating time are digital imputed; many modes of wire stripping to satisfy stripping order of each layer and other appearance requirements from customers;
- NO.3** Rotary tool is combined with V shape tool, high precision, fast speed and good stability;
- NO.4** Special axis positioning device and rotary tools can strip max. 9 layers without changing the tools for processing different dimensions of wires;
- NO.5** Wire clamping device: automatic centralizing, motor driving and clamping force are controlled by program.

### Wire sample



BZW-886+Q1



BZW-886+Q2



## BZW-07 Mute brass belt crimping machine

### Technical parameters

Crimping force	15KN
Capacity	250pcs/min
Average power	0.35KW
Motor	0.55KW
Voltage	AC220V 50Hz
Stroke	23mm
Air supply	0.5 Mpa-0.7Mpa
Dimension	300 x 350 x 580mm
Weight	50kg
Brass belt size	2mm/4mm/6mm
Feeding mode	By mechanical feeding
Application	Connection between neon lamp and resistance, connection among wires, connection between slide switch and wire, and connection among thermal sensors such as magnetic reed switch and temperature fuse
Model No	6-04, 6-03, 4-04, 4-03, 2-03
Width	2mm, 4mm, 6mm
Thickness	0.3mm, 0.4mm
Appearance	Bright brass color
Material	65 Brass

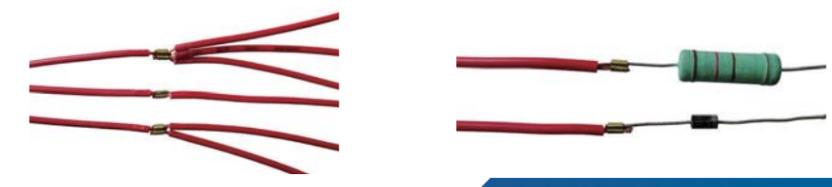


Matching with brass belt machine, it is used for the connection among nude wires, with good conduction and wide application.

### Product feature

- NO.1** Driven by frequency conversion motor with speed reducer, and speed regulated by inverter, equipped with high precision of proximity switch; With features of quick activating, mechanical feeding and high efficiency;
- NO.2** Designed for wires required for riveting together, it replaces the traditional soldering together of wires with brass belt crimping, without cold solder and air pollution, and it is easiest and most effective way to pass safety test of UL, JIS. With humanization design, it is easy to operate;
- NO.3** With continuous brass belt, it can finish the processes of cutting, shaping and crimping in one time without scraps, and saving cost. Brass belt processed by special lines, and after riveting, the tension-resistant will be particularly strong, which ensures the stable quality. Equipping with straight/curved applicator can crimping the connection part for different products.

### Wire sample



## BZW-7CL Tape wrapping machine (for long cable)

### Technical parameters

Diameter Max	Φ30mm(other size can be special ordered )
Taping length	Unlimited
Wrapping outer width	5-25mm (other size can be special ordered )
Tape inner diameter	Φ32mm, Φ37mm (other size can be special ordered )
Air supply	0.5-0.6Mpa
Power	220v/50HZ
Motor	0.25KW/H
Dimension	560 x 500 x 350mm
Weight	45kg



### Product feature

- NO.1 Continuous wrap: It can continuous wrapping the wire, the wrap length and area are also adjustable;
- NO.2 Stop wrap: It also can wrap on the certain position, the wrapping cycles are adjustable;
- NO.3 Interval distance wrap: It also can wrap the wire in certain interval distance between two wrapping positions;
- NO.4 The working speed and wrapping cycle are adjustable and the production quantity is displayed on the touch screen;
- NO.5 Applied tape:textile tape, acetate cloth tape, ventilation tape.

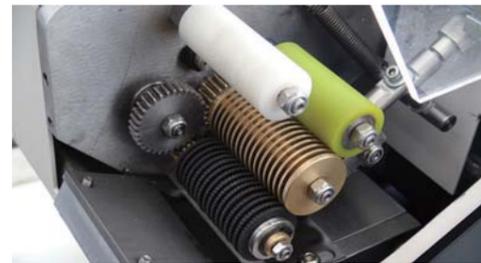
### Wire sample



## BZW-7C Tape wrapping machine

### Technical parameters

Capacity	3000 times/h
Tape length	55-100mm
Tape width	25-40mm
Wrapping outer diameter	<10mm
Tape inner diameter	38mm or 75mm
Air supply	0.5-0.6Mpa
Power	220V/50HZ
Dimension	600 x 520 x 720 mm
Weight	63KG



### Product feature

- NO.1 Compatible with different kinds of adhesive materials excludes the isolation paper (such as duct tape, PVC tape and so on);
- NO.2 Keep smooth and no fold , it can guarantee the wrapping area of each lap is overlapping 1/2 coverage on the last lap;
- NO.3 Different forms of wrapping can be switched: point wrapping on the same position, and spiral wrapping on the different positions;
- NO.4 It can set the wrapping laps and speed, and display the production quantity;

### 产品样线



## BZW-70 Wire winding and tying machine

### Technical parameters

Tying belt length	75-140mm
Tying diameter	Φ5-30mm
Winding outer diameter	Φ50-200mm
Winding distance	100-200mm
Tying speed	0.6 sec/time
Winding speed	1-10 laps/sec
Tying belt	Encapsulated iron core
Power	AC 220V 60HZ
Rate power	<200W
Weight	40KG
Dimension	500 x 300 x 400mm



### Product feature

- NO.1 This machine is equipped with winding motor, and controlled by PLC touching screen;
- NO.2 Automatically set the tying belt length, cutting and tying;
- NO.3 The winding laps and speed can be adjusted and set;
- NO.4 It is applied for AC and DC power cable, USB data wire, video wire, HDMI wire and other wires.HDMI.

### Wire sample



## BZW-7D Handhold Taping Machine

### Technical parameters

Power specification	1100-240V 50-60Hz
Wire OD range	4-35mm
Taping speed	180-400 cycles per minute
Tape specification	width: 10-25mm, Outer diameter less 110mm, inner diameter 38mm
Machine weight	5kg



### Product feature

- NO.1 This machine can be put on the stand and also held holder, it is tighten and light which is easy to operate;
- NO.2 The tape cutter can cut most kind of tape materials;
- NO.3 The taping direction can be adjusted in properly way ensure the tension of the tape for better taping efforts;
- NO.4 The holding structure is designed as per human cosmetology that comfortable in holding;
- NO.5 Working efficient high due to its portable working condition;
- NO.6 It can adjust the tape distance and overlap condition to save the tape;
- NO.7 After the tape is cut, the cutter will automatic move and prepare for next cut.

### Wire sample



## BZW-10 Automatic wire tying machine

### Technical parameters

Application range	Electronic connecting wire, braided tube, jacket tube, motor coils, home appliances, cable, etc.
Tie length	60mm/80mm/100mm/120mm/150mm
Capacity	1500PCS/h ( Depending on products )
Power	AC220V 50/60HZ
Motor	100W
Dimension	1230 x 550 x 800 mm
Weight	150 kg



### Wire sample



### Product feature

- NO.1 PLC control system , touch screen panel and stable performance;
- NO.2 Automatic feeding of bulk nylon ties , saving the procedure of manual feeding;
- NO.3 Automatic wire tying and cut the remained tail of the nylon ties, saving both time & labor, and greatly increase productivity;
- NO.4 The tightness of Nylon ties can be adjusted by digital setting on touch

## BZW-20 Handheld wire tying machine

### Technical parameters

Application range	Suitable for binding wire harness of airplane, train, ship, automobiles, communication equipment, home appliances and other large electromechanical equipment, etc. Also , applicable to packing and fixing of other products, such as food packing, gas & liquid transporting tube connector, et..
Tie length	100mm/120mm/150mm
Capacity	1500pcs / h ( Depending on the product )
Power	AC220V 50/60HZ
Motor	100W
Dimension	600 x 600 x 720 mm
Weight	120 kg



### Product feature

- NO.1 PLC control system , touch screen panel and stable performance;
- NO.2 The bulk nylon ties will be put into the vibrating plate and fed to the gun head through the vibrating rail and pneumatic tube;
- NO.3 Automatic wire tying and cut the remain tail of the nylon ties, saving both time & labor, and greatly increase the productivity;
- NO.4 The handheld device is light in weight and exquisite in design , which is easy to hold;

### Wire sample



## BZW-90 Tube cutting machine series

### Technical parameters

Applicable tube diameter	φ 1mm-φ 20m
Applicable tube type	Heat shrink tube,PVtube,silicone tube, PVC tube for medical use,etc
Cutting length	2mm-10000mm
Cutting tolerance	0.02 × L ± 0.2 mm
Capacity	3000-5000PCS/H (Depending on the tube material)
Speed adjustment	0-9
Cutter material	Tungsten steel
Voltage	AC220V/50HZ
Power	170W
Dimension	420 x 335 x 226mm
Weight	28kg



### Product feature

- NO.1 Automatic tube cutting , high efficiency , low production cost;
- NO.2 Controlled by microcomputer, product length , capacity, ration and speed can be directly set;
- NO.3 With automatic counting , highly automatic and simple operation;
- NO.4 Simple structure design , high price ratio.

### Wire sample



## BZW-180 Automatic corrugated tube cutting machine

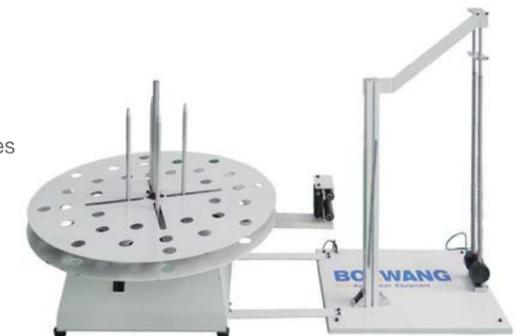
### Technical parameters

Tube diameter range	Φ5-35mm
Cutting length	0.2mm-100m ( Regular hard tube )
Cutting tolerance	± 0.1mm (Material without elasticity )
Capacity	100 PCS/Min ( based on length of 100mm )
Cutting speed	60-110times /min
Cutter material	Imported high-speed steel
Voltage	AC220V 50HZ
Power	500W
Dimension	560 x 440 x 400 mm
Weight	72kg



### Product feature

- NO.1 Designed for automatic cutting of corrugated tube for auto wire/cable harness;
- NO.2 It is used for cutting round plastic corrugated tube, with features of simple operation, high processing efficiency and stability;
- NO.3 Feeding is driven by stepping motor, with features of stable feeding and accurate cutting length;
- NO.4 Integrated circuit, stable controlling , and easy maintenance;
- NO.5 It can be equipped with related tube feeder.



BZW-180 Corrugated tube feeder

### Wire sample



## BZW-100+R Tube cutting machine

### Technical parameters

Applicable tube diameter	Φ1-100mm
Applicable tube type	Heat-shrink tube, ribbon cable, shielding wire, etc; It can add hot-melt cutter to process the color ribbon belt and nylon braid
Cutting length	2mm-10000mm
Cutting width	1-100mm
Cutting tolerance	0.02 × L ± 0.2 mm
Capacity	10800 PCS/H (Depending on tube material )
Speed adjustment	00-99
Cutter material	Tungsten steel
Voltage	AC220V 50HZ
Power	170W
Dimension	350 x 250 x 320 mm
Weight	23kg



### Product feature

- NO.1 Adopted with full digital intelligent control device, mainly designed for automatic cutting of special jacket tube. Button operation to set the cutting length, quantity and feeding speed, which is precise in cutting and low consumption rate;
- NO.2 The machine conforms to ergonomic design principle, and easy to operate.

### Wire sample



### Product feature

- NO.1 Automatic cutting for various kind of tube, horizontal structure and easy operation;
- NO.2 Controlled by microcomputer, product length , capacity, ration and speed can be directly set;
- NO.3 Free setting of feeding speed, adjustable roller feeding structure, automatic pressure adjusting and up & down movement on two sides, quickly feeding in coordination with thimble-style feeding structure , effectively prevent scuffing on the product;
- NO.4 High precision, low consumption rate, and conforms to ergonomic principles.

### Wire sample



## BZW-200 Tube cutting machine

### Technical parameters

Cutting length	0.2mm-100m
Cutting width	1-200 mm
Cutting tolerance	0.02 × L ± 0.2 mm
Speed adjustment	00-99
Cutter material	Imported high-speed steel
Voltage	AC220V/50HZ
Power	250W
Dimension	350 x 250 x 320 mm
Weight	65kg

### Product feature

- NO.1 Adopted with full digital intelligent control device, mainly designed for automatic cutting of special jacket tube. Button operation to set the cutting length, quantity and feeding speed, which is precise in cutting and low consumption rate;
- NO.2 The machine conforms to ergonomic design principle, and easy to operate.

### Wire sample



## BZW-580 Automatic corrugated tube cutting machine for the peak part



### Technical parameters

Applicable tube	Φ5-35mm
Cutting speed	About 100times/ min L=100mm 100pcs/min
Cutting precision	L0.002mm
Cutting length	0-9999.9mm
Power	1000W
Voltage	220V 50/60HZ
Dimension	850 x 700 x 1270 mm
Weight	120KG

### Product feature

- NO.1** Machine is mainly designed for processing corrugated tube in wire harness processing industry. High precise PLC control, easy to operate;
- NO.2** Mainly used for cutting peak part of corrugated tube, high efficiency, more stable;
- NO.3** Adopted stepping motor, has the feature of stable feeding, length precision. Integrated circuit, stable control and simple maintenance. Screen is adopted digital display, different kinds of data can be seen easily;
- NO.4** Drive by servo motor, PLC control system, Accurate tube peak part cutting and high speed;
- NO.5** System can be updated, it can add with splitting unit;
- NO.6** All slitting tube and mouth-closed tube can be cut.

### Wire sample



## BZW-DB Electrical stripper

### Parameter

Wire range	0.5-8mm <sup>2</sup>
Strip length	0.1-25mm
Power	220V 50Hz
Air pressure	0.5Mpa-0.7Mpa, 8m <sup>3</sup> /h
Weight	about 30kg
Dimension	500*195*320mm
Precision	0.01mm
Processing speed	2 s/pcs



### Product introduction

- NO.1** PLC control system, operate on touch screen;
- NO.2** All data can be adjusted and stored, 100 kinds of wire data can be stored;
- NO.3** It has the functions of wire stripping, wire cutting ;
- NO.4** Adopt closed loop motor, high precise control, to ensure processing precision
- NO.5** Inner function: The program can be choose easily, the operation authority management, scrap clean and manual adjustment.

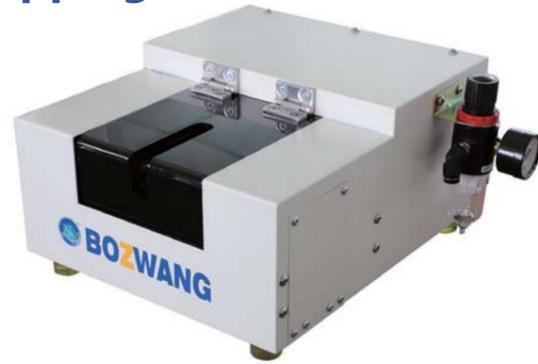
### Wire sample



## BZW-Q8 Pneumatic wire stripping machine

### Technical parameters

Wire range	AWG2-14#(2.5-35mm <sup>2</sup> )
Applied wire	Inner cores of sheathed cable, inner cores of power cable, single wire
Stripping length	2-30mm
Stroke	30mm
Air supply	0.5MPa-0.8MPa
Weight	15kg
Dimension	360 x 290 x 180 mm



### Wire sample



### Product feature

- NO.1 Mainly used to strip different sizes of wires, can strip inner cores conveniently and rapidly;
- NO.2 Driven by cylinder, smart and portable design;
- NO.3 Adopt imported pneumatic components, high precision, long life;
- NO.4 While stripping different kinds of wire, no need to change cutters.

## BZW-F2.0 Portable pneumatic wire stripping device

### Technical parameters

Applied wire diameter	AWG14-32# ( 0.03-2.00mm <sup>2</sup> )
Wire type	Thin wires such as PVC, solid core wire, single stranded wire, rubber wire, computer core wire, and telephone wire, etc.
Stripping length	1-20mm
Diameter precision	0.01mm
Processing time about	0.3pcs/s
Stroke	20mm
Air supply	0.5MPa-0.8Mpa
Weight	3.5 kg
Dimension	260 x 150 x 270mm



### Wire sample



### Product feature

- NO.1 Special pneumatic sensor switch control , accurate stripping , quick response , and high efficiency;
- NO.2 The whole machine is controlled by pneumatic drive which doesn't need the electricity;
- NO.3 Imported pneumatic components , with high precision stripping and long durability;
- NO.4 90° V-shaped design of the blade is universal, no need to change cutter, and the cross section of processed wire is neat and flat;
- NO.5 The stripping length, half stripping length, cutting depth can be adjusted by rotary button;
- NO.6 The whole structure is exquisite in design, and it is easy to move.

## BZW-X70 Multi-size wire stripping machine

### Technical parameters

Stripping range	0.75-95mm <sup>2</sup> (It can be custom-made if required)
Applied wire type	Sheath core line ,charging gun inner core line, single wire core, etc.
Stripping length	6-30 mm
Combination of specifications	4-5 kinds
Stroke	30 mm
Air supply	0.5MPa-0.7Mpa
Weight	20 kg
Voltage	AC110V/220V 50/60Hz
Dimension	350 x 300 x 400mm



### Product feature

- NO.1 Mainly used for stripping sheathed stranded wire and single core wire;
- NO.2 Exquisite design , compact structure and easy operation;
- NO.3 The function of synchronously stripping multi-wire which can increase the productivity and also the product quality.

### Wire sample



## BZW-420Q Wire cutting machine

### Technical parameters

Wire range	Max 240mm <sup>2</sup>
Power	220V 50HZ
Motor	220W
Dimension	970 x 450 x 450mm
Weight	56 kg

### Product feature

- NO.1 Mainly used for wire cutting.

### Wire sample



## BZW-305/310/315 Wire stripping machine

### Technical parameters

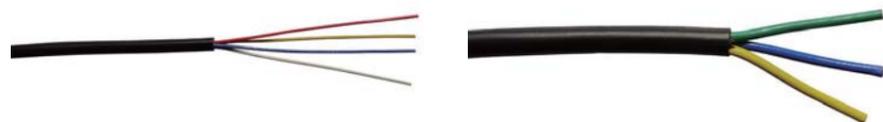
Applied wire type	AC/DC, electrical wire, computer wire, electronic wire, and multi-core wire, etc.
Stripping diameter	Max.7mm/15mm/20mm
Stripping force	31-73kg/49-115kg/84-196kg
Air supply	0.3-0.7Mpa/0.5-0.75mpa/0.6-0.8mpa
Cylinder diameter	Φ40mm/Φ50mm/Φ63mm
Voltage	220V/50Hz
Stroke	50mm/100mm/150mm
Weight	20kg/25kg/30kg
Dimension	400 × 300 × 270mm
	480 × 330 × 280mm
	600 × 420 × 360mm



### Product feature

- NO.1 It is in inclined back design and confirm to ergonomics;
- NO.2 Double acting pneumatic cylinder, the spring is very solid not easy to break;
- NO.3 Adopting double linked body with oil and gas self-supplying , which can regularly supply cylinder with lubricating oil , reducing interior abrasion and extending its service life;
- NO.4 Special sliding setting, stable running stroke, accurate in cutting & stripping;
- NO.5 Pneumatic & electrical control, compact structure and fast working speed, and easy to operate;
- NO.6 Adjustable structure, which can made adjustment according to the wire size.

### Wire sample



## BZW-420 Wire stripping machine

### Technical parameters

Applied wire type	AC/DC, electrical wire, computer wire, electronic wire, and multi-core wire, etc.
Stripping diameter	Max. Φ30 mm
Stripping force	84-196 kg
Air supply	0.6--0.8Mpa
Cylinder diameter	Φ63mm
Voltage	220V 50Hz
Stroke	150mm
Weight	40 kg
Dimension	615 × 425 × 375 mm



### Product feature

- NO.1 It is in inclined back design and confirm to ergonomics;
- NO.2 Double acting pneumatic cylinder, the spring is very solid not easy to break;
- NO.3 Adopting double linked body with oil and gas self-supplying, which can regularly supply cylinder with lubricating oil, reducing interior abrasion and extending its service life;
- NO.4 Special sliding setting, stable running stroke, accurate in cutting & stripping;
- NO.5 Pneumatic & electrical control, compact structure and fast working speed, and easy to operate;
- NO.6 Adjustable structure, which can made adjustment according to the wire size.

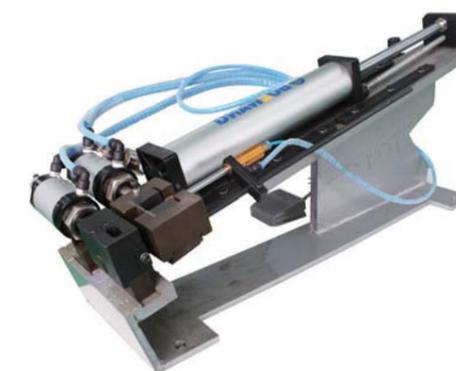
### Wire sample



## BZW-520 Wire stripping machine

### Technical parameters

Applied wire type	AC/DC, electrical wire, computer wire, electronic wire, and multi-core wire, etc.
Stripping diameter	Max. Φ20 mm
Stripping force	165-300 kg
Air supply	0.6--0.8Mpa
Cylinder diameter	Φ65mm
Voltage	220V 50Hz
Stroke	300mm
Weight	45 kg
Dimension	950 × 350 × 280 mm



### Wire sample



### Product feature

- NO.1 It is in inclined back design and confirm to ergonomics;
- NO.2 Double acting pneumatic cylinder, the spring is very solid not easy to break;
- NO.3 Adopting double linked body with oil and gas self-supplying , which can regularly supply cylinder with lubricating oil , reducing interior abrasion and extending its service life;
- NO.4 Special sliding setting, stable running stroke, accurate in cutting & stripping;
- NO.5 Pneumatic & electrical control, compact structure and fast working speed, and easy to operate;
- NO.6 Adjustable structure, which can made adjustment according to the wire size.

## BZW-3F Vertical wire stripping machine

### Technical parameters

Stripping range	0.1-2.5mm <sup>2</sup> (AWG13#-AWG28#) ( It can be custom-made if required)
Applied wire type	Computer core wire, shielding wire, telephone wire, flat wire, etc.
Stripping length	20mm
Stroke	20mm
Air supply	0.5MPa-0.7 Mpa
Weight	9.5 kg
Voltage	AC110V/220V 50/60Hz
Dimension	260 x 150 x 270mm



### Wire sample



### Product feature

- NO.1** Mainly used for stripping sheathed stranded wire and single core wire;
- NO.2** Exquisite design , compact structure and easy operation;
- NO.3** The function of synchronously stripping multi-wire which can increase the productivity and also the product quality.

## BZW-3F+N Vertical wire stripping and twisting machine

### Technical parameters

Applied wire type	Computer core wire, shielding wire, telephone wire, flat wire, etc ..
Stripping & twisting length	5-15mm
Wire stripping range	0.1-0.25mm <sup>2</sup> (AWG13#-AWG28#)
Stripping & twisting capacity	1-10pcs /time
Stroke	20mm
Air supply	0.4MPa-0.75MPa
Weight	15 kg
Voltage	AC110V/220V 50/60Hz
Dimension	320 x 230 x 300 mm



### Wire sample



### Product feature

- NO.1** Mainly used for stripping & twisting sheathed core wire and single core wire;
- NO.2** Exquisite design , compact structure and easy operation;
- NO.3** The function of synchronously stripping and twisting multi-wire which can increase the productivity and also the product quality.

## BZW-1000Z Terminal tensile testing device

### Technical parameters

Measure range	0-1000N
Measure mode	Automobile
Testing speed	50/100mm/min
Stroke	43mm
Voltage	AC 220V 50HZ
Weight	7.5kg
Dimension	390 x 180 x 150 mm



### Product feature

- NO.1** Special for the terminal tensile testing;
- NO.2** Adopted with imported precise force transducer, more stable and high precision;
- NO.3** Drive mechanism adopts imported ball screw, gear motor, no shaking of transmission process, more stable speed;
- NO.4** Use LCD screen to show the force value, it is easy to operate.

## BZW-1000 Manual terminal tensile testing device

### Technical parameters

Measure range	0-500N
Measure mode	Manual
Gauge measure range	20kg-50kg
Tolerance	±0.001g
Clamper adjustment	15mm
Clamper stroke	9mm
Weight	23kg
Dimension	600 x 185 x 190 mm



### Product feature

- NO.1** Pull force testing for terminal after crimping;
- NO.2** Automatic positioning of pull force, accurate measuring, zero reset and etc;
- NO.3** Simple and practical in structure design, and accurate in measuring;
- NO.4** It is equipped with digital display and dial instrument.

## BZW-3000D Big terminal tensile testing device



### Technical parameters

Max.measure range	5-10 KN (the single or double shaft is optional)
Test accuracy level	0.5 level
Test force measurement range	0.2%—100%FS
Test force relative indication error	Within ± 1% indicating value
Test force resolution	Max. 1/± 300000 test force ( no change resolution )
Absolution deviation of displacement indicating value	Within ± 0.5% indicating value
Displacement resolution	0.003mm
Effective stretching space ( net space )	850mm
Effective test width	420 x 420mm
Dimension	840 x 500 x 1650mm
Power	220V 50Hz 0.4kW
Weight	About 180kg

### Product feature

- NO.1 Adopt Panasonic servo motor, beam moves up and down to test the load through the transmission;
- NO.2 The whole control system is safe and high reliability;
- NO.3 Microcomputer control the whole testing process, real-time dynamic display the load values, displacement values, deformation, testing speed and testing curves;
- NO.4 Microcomputer for data processing and analysis, testing results can be saved automatically, testing curves can be transferred out after the test, you can know the testing process through the testing curves, or compare with others curves, or amplify the curves;
- NO.5 The testing software of the window, with strong processed capacities of data and graphics, it can immediate print out a complete testing report and testing curves;
- NO.6 Has limit protection, overload protection, emergency stop and other safe protective functions.

## BZW-1000D Horizontal motorized terminal tensile testing device

### Technical parameters

Measure range	0-1000N
Measure mode	Manual
Testing speed	30-300 mm/min
Stroke	570 mm
Counting function	9999cycle
Voltage	AC 220V
Weight	40kg
Dimension	360 × 255 × 1000 mm



### Product feature

- NO.1 Pull force testing for terminal after crimping;
- NO.2 It can be connected with computer by supplied data wire;
- NO.3 Automatic positioning of pull force, accurate measuring, zero reset and etc;
- NO.4 Driven by motor, without manual operation and accurate in measuring;
- NO.5 Automatic stop protection for voltage overload , limit protection, and exterior overload;
- NO.6 It is equipped with digital displaying screen, automatic recording of testing times.

## BZW-5K Vertical motorized terminal tensile testing device

### Technical parameters

Application	Push and pull force, insertion & extraction force ,breaking test , fatigue test, etc..
Measuring mode	Manual /Automatic
Measuring range	0-5000N
Measuring speed	30-240mm/min
Counting function	Working cycle times: 9999
Stroke	220mm
Voltage	AC 220V
Weight	75kg
Dimension	410 x 260 x 1000mm



### Product feature

- NO.1 It is mainly used for the Pulling force testing for big gauge terminal after crimping;
- NO.2 With stepless speed regulation; manual testing & automatic testing is optional ;The testing times or time can be pre-set; The testing times is automatically displayed ; Overload protection, high performance motor and other advantages;
- NO.3 Wide application and convenient in operation, which is used in push and pull force test, insertion and extraction force , breaking test ,fatigue test and etc.;
- NO.4 Safety : voltage overload protection, limit protection, and exterior overload protection.

### Wire sample



## BZW-6QJ Portable terminal cross section analyzer

### Product feature

- NO.1** Mainly used for cross section testing of terminal after crimping;
- NO.2** Exquisite and portable in structure design, and easy to operate;
- NO.3** High quality optical instrument with low distortion and image capture module;
- NO.4** Optical instrument with safety protection device, and easy for transportation;
- NO.5** Automatic cutting module, with high-speed grinding module with fine adjustment;
- NO.6** With protective cover, increase the security of the operation;
- NO.7** Testing result is automatically generated from the relevant software.



### Technical parameters

Control system	Imported PLC
Measuring range	0.13 mm <sup>2</sup> – 8.00 mm <sup>2</sup>
Cutting speed	2 mm / s
Rotation rate	2800 rpm ( Imported German motor)
Cutting wheel	Inner diameter : 21.7mm ; outer diameter:105mm; thickness : 0.5mm (Germany made , exquisite and durable)
Grinding speed	2800rpm (Imported German motor )
X-axis movement	Panasonic servo motor
Observing range	1.2 mm–8.2 mm ( X-axis )
Z fine adjustment range	0.00mm–5.00mm ; Outer diameter of sand paper: 100mm
Electrolysis	Up to 6 mm <sup>2</sup>
Time	5–30 s
Lens magnification	0.75x, 1x, 1.5x, 2.0x, 2.5x, 3.0x, 3.5x, 4.0x, 4.5x, 5.0x(0.5 position shift technology )
Teeth magnification	0.75x, 1x, 1.5x, 2.0x, 2.5x, 3.0x, 3.5x, 4.0x, 4.5x, 5.0x
Power	220 VAC 50Hz 300 W
Weight	About 30kg
Dimension	490 x 340 x 340mm
Analysis & filing	Japanese industrial HD image system, 3.0MP camera , USB2.0 and relevant software, including enhanced measuring tool, like compression ratio, which got the certification of auto/home appliance/ IT industry.

## BZW-33JM/33JZ Semi-Auto/ Auto type benchtop terminal cross section analyzer

### Technical parameters

Measure range	0.01–150mm <sup>2</sup>
Cutting speed	0~4000rpm (Speed adjustable)
Grinding speed	0~4000rpm(Speed adjustable)
Metallographic abrasive paper	1200#
Cutting disk	Φ 105 × 0.5mm
Rotation rate	0~4000 rpm
Image forming system	Japan made HD 5.0MP CCD industrial camera USB, microscope: 0.7X~4.5X ; Video : 45~450X, zoom ratio: 6.5:1; working distance: 100mm; movable distance : 250mm ; measuring precision: 0.001mm.
Voltage	220V ± 22V 50Hz ± 1Hz
Power	180W
Weight	About 30kg
Dimension	457 × 329 × 300mm

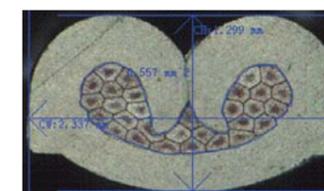


BZW-33JM Semi-Auto



BZW-33JZ Auto type

### Detected object



### Product feature

- NO.1** Mainly used on cross section testing after terminal crimping;
- NO.2** Core testing components is imported from Germany , with long service life;
- NO.3** Fast analysis technology of new terminal crimping;
- NO.4** The processing of cutting and grinding is in the same chamber, to ensure consistency of the direction of the cutting and grinding;
- NO.5** Efficiently saving time of operation and easy maintenance ;
- NO.6** The transmission technology of Japan made high precision ball screw can effectively ensure the cutting precision, and the grinding technology of Z-axis fine adjustment ;
- NO.7** With imported ultra thin cutting disk, it overcome the defect of deformed terminal ;
- NO.8** High measuring precision, stable performance, strong capability of resisting disturbance;
- NO.9** Brushless motor, low consumption, dual motor independent control, stepless debugging;
- NO.10** The rotary data collecting system, which can automatically choose the related speed for the different terminals.

## BZW-3W Shield net combing machine



### Technical parameters

Wire range	4-70mm <sup>2</sup> (Shield net OD $\phi$ 3-16mm)
Cutting length	5-100mm
Power	manual pressure cutting
Power supply	no power
Dimension	420*110*236mm
Weight	6Kg

### Product discription

Introduction: BZW-3W is a shield net cutting machine, mainly used to cut shield net of different types of cables, the processing range is 4mm-70mm<sup>2</sup>, and the cutting length can be set freely. The machine is characterized by a pure mechanical design scheme, which can be used without any electrical access, convenient, safe and fast. It Will not damage the cable insulation.

Tips: It is recommended that you provide the corresponding cable samples for us to test

### Product feature

- NO.1 All working areas of the machine are visible;
- NO.2 When replacing the wire, just replace the matching cutting pipe and conduit;
- NO.3 Simple mechanical structure, high flexibility;
- NO.4 The machine is more secure without electrical access.

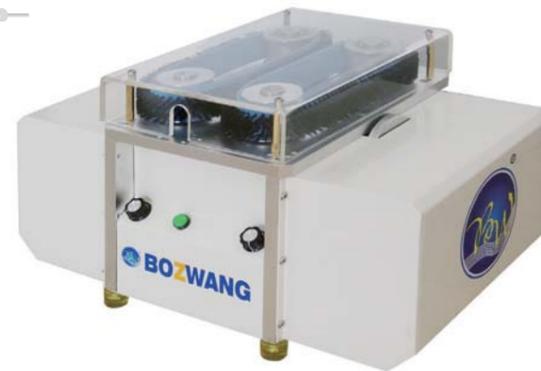
### Wire sample



## BZW-2W Shield net combing device

### Technical parameters

Wire range	2.5-70mm <sup>2</sup> (AWG00#-AWG2#)
Combing length	150mm (Other size can be special ordered)
Weight	42Kg
Dimension	530 × 320 × 290mm
Voltage	220V 50HZ
Power	240W
Speed	3S/pcs (Adjustable)



### Product feature

- NO.1 It is specially designed for combing all kinds of shielded net (winding or knitting) inside the wires;
- NO.2 The speed is adjustable with stable and reliable performance;
- NO.3 Simple operation and easy maintenance, improve the combing efficiency of shield net;
- NO.4 It is adopted with nylon belt brusher avoid damaging the insulation of the cable with high efficiency.

### Wire sample



## BZW-F3020 Wire feeder



### Technical parameters

Power supply	AC220V 50/60Hz
Air supply	0.4-0.6MPa
Applicable cable	bobbin cable (center aperture $\phi$ 20- $\phi$ 30 and outer diameter not more than 350 )
coiled cable / barreled cable	max diameter 700, max height 500
Wire range	20AWG-30AWG
Feeding speed	5M/s
Dimension	1220mm(long)X520mm(wide)X890(high)
Weight	70kg
Output mode	horizontal(1140 ± 30mm) vertical(Min.850mm)
Detection ability	unstart detection, knotting detection, jam detection

### Product feature

- NO.1 The double-drive servo wire feeding system is perfectly matched with the automatic terminal crimping machine and the computerized wire stripping machine;
- NO.2 Reasonable cable storage pendulum rod design can realize precise adjustment of tension;
- NO.3 Two wire feeding methods, bobbin cable and coiled cable, which can be used diversified;
- NO.4 Simple and convenient operation, small size, saving space.

## BZW-DL-1200 Cable feeding system for big cable

### Technical parameters

Material of the cable tray	Wooden or plastic
Cable tray outer diameter range	Φ800-Φ1200mm
Cable tray inner diameter	80mm ( Other size can be special ordered )
Bearing weight range	0-2000KG
Feeding speed	Adjustable
Motor power	7 KW
Power	380V 50Hz
Weight	About 400KG
Dimension	4200 x 1700 x 1800mm



### Product feature

- NO.1** Suitable for computerized wire cutting and stripping machine for big power cable, to ensure the stability of wire feeding;
- NO.2** Effectively saving production cost and raising the productivity;
- NO.3** It can be custom-made if customer requires.

## BZW-F3002 Wire feeding device

### Technical parameters

Wire range	0.2mm <sup>2</sup> -4mm <sup>2</sup> (AWG11#-AWG25#)
Max. speed	6m/s
Max. accelerated speed	34m/s <sup>2</sup>
Max. coil height	1000mm
Max. coil diameter	650mm
Accumulated wire length	6.5m
Weight	F3002:80kg FX4025:50kg
Dimension	1000 x 500 x 1300mm



### Product feature

- NO.1** Suitable for matching with automatic terminal crimping machine and computerized wire stripping machine, with automatic wire pay-off, driven by servo-motor, and stable wire feeding;
- NO.2** Effectively saving production cost and raising productivity;
- NO.3** Can be custom-made if special requirements is made.

## BZW-DL-1000 Cabinet wire feeding device

### Technical parameters

Material	Wooden or plastic plate
Cable tray outer diameter	Φ600-Φ1000
Cable tray inner diameter	Φ65-85mm ( Can be special ordered )
Bearing weight range	0-800kg
Feeding speed	Adjustable
Motor power	2.25KW
Power	380V 50HZ
Weight	About 350kg
Dimension	3600 x 1505 x 1005mm



### Product feature

- NO.1** Suitable for computer wire stripping machine, automatic terminal crimping machine (small wire size), to ensure wire feeding normally;
- NO.2** Convenient operation, the use area is small. Effectively saving production cost and raising the productivity.

## BZW-DL800 Servo wire feeding device

### Technical parameters

Material	Wooden or plastic plate
Cable tray outer diameter	Φ400-800mm
Cable tray inner diameter	Φ65-85mm ( Can be special ordered )
Bearing weight range	0-800kg
Feeding speed	Adjustable
Motor power	1.5kw
Power	380V 50HZ
Weight	About 350kg
Dimension	2625 x 1300 x 1580mm



### Product feature

- NO.1** Suitable for computer wire stripping machine, automatic terminal crimping machine (small wire size), to ensure wire feeding normally;
- NO.2** Convenient operation, the use area is small. Effectively saving production cost and

## BZW-SF Servo wire feeding device



### Technical parameters

Cross section	2.5mm <sup>2</sup> –10mm <sup>2</sup> ( Other size can be special ordered )
Wire feeding speed .Max	6m/s
Capacity	7.6m(Double end)
Power	AC220V 50Hz
Air supply	0.6MPa
Weight	240KG
Dimension	2350 × 720 × 1400mm

### Product feature

- NO.1** It is applied for the wire storage and feed of the automatic terminal crimp machine, cut and strip machine;
- NO.2** With servo motor, quick response and fast wire feeding speed;
- NO.3** Belt style driving without any damage marks on the wire.

### Product description

This device is matched with the main machine, with single direction feeding device to ensure the main wire feeder is not affected by the reverse force when it works. It can not only increase the speed of the main machine, but also longer the service life of the main wire feeder.

## BZW-F11 Automatic wire feeder



### Technical parameters

Model	BZW-F11
Wire range	Φ6–16mm
Max. Speed	2.3m/s
Max. coil diameter	Φ200–450mm
Max. coil weight	30kg
Accumulated wire length	4m
Power	220V 50hz, 0.75 KW
Dimension	1000 x 600 x 1000mm
Weight	95kg

### Product feature

- NO.1** Suitable for matching with automatic terminal crimping machine and computerized wire stripping machine;
- NO.2** The machine is a separate machine platform, it doesn't controlled by the host machine ,and the operation is simple;
- NO.3** Effectively saving production cost and raising productivity;
- NO.4** Can be custom-made for special requirements.

## BZW-F12 Automatic wire feeder

### Technical parameters

Model	BZW-F12
Wire range	Φ6–16mm
Max. Speed	2.3m/s
Max. coil diameter	Φ300–600mm
Max. coil width	450mm
Max. coil weight	100kg
Accumulated wire length	4 m
Power	220V 50hz, 0.75 KW
Dimension	800 x 600 x 1000mm
Weight	83kg



### Product feature

- NO.1** Suitable for matching with automatic terminal crimping machine and computerized wire stripping machine;
- NO.2** The machine is a separate machine platform, it' s not controlled by the main machine ,and the operation is simple;
- NO.3** Effectively saving production cost and raising productivity;
- NO.4** Can be custom-made for special requirements.

## BZW-F13 Automatic wire feeder

### Technical parameters

Model	BZW-F13
Wire range	Φ6–16mm
Max. Speed	2.3m/s
Max. coil diameter	Φ200–500mm
Max. coil weight	30kg
Accumulated wire length	4m
Power	220V 50hz, 0.75 KW
Dimension	1000 x 600 x 1130mm
Weight	70kg



### Product feature

- NO.1** Suitable for matching with automatic terminal crimping machine and computerized wire stripping machine;
- NO.2** The machine is a separate machine platform, it does not controlled by the host machine ,and the operation is simple;
- NO.3** Effectively saving production cost and raising productivity;
- NO.4** Can be custom-made for special requirements.

## BZW-DR Wire collecting and winding device



### Technical parameters

Control range	Electric and pneumatic
Winding range	≤750mm
Winding bar	Move from up to down, winding ID adjustable
Winding bar adjust range	200–650mm
Wire feeding height	810mm
Winding height	< 140mm
Wire winding diameter	Φ6–25mm
Power	220V 50HZ 0.75KW
Dimension	1000 x 1250 x 1150mm
Weight	170kg

### Product feature

**NO.1** Used for wire diameter  $\phi$  6–25mm, it can matched up with wire stripping machine.

## BZW-1Z Wire feeder

### Technical parameters

Wire range	0.1–6mm <sup>2</sup>
Power	220V 50HZ
Dimension	390 x 390 x 500mm
Weight	8kg



### Product feature

**NO.1** Applicable to all types of automatic machines and wire cutting machines, no need to connect to the machine, automatic adjustment for wire feeding(full closed loop control) can be identified independently;

**NO.2** Small and light design, applicable to most kinds of electric wires (high-temperature wire, ultra-long wire, Teflon wire, etc.), suitable for various wire harness processing equipment;

**NO.3** Built-in micro-computer passive feeding sensor, avoid excessive feeding, knotting and winding;

**NO.4** Both forward and backward directions available.

## BZW-H Heating box

### Technical parameters

Voltage	220V 50HZ
Temperature range	1–100℃
Dimension	500 x 500 x 600 mm
Weight	10kg



### Product feature

**NO.1** Mainly used for heating wires in cold weather condition;

**NO.2** Temperature is adjustable with the sensor controller.

## BZW-MHG European pneumatic mechanical applicator

### Technical parameters

Terminal arrangement	Horizontal/Vertical
Blade adjustment	Knob with degree scale
Cutter material	Imported die steel
Feeding	Max.25mm
Adjustment range	0.45/0.9mm
Adjustment precision	0.05mm
Weight	6.3kg
Stroke	40mm
Applicable machine type	Semi-automatic / Full automatic terminal crimping machine



European mechanical horizontal applicator

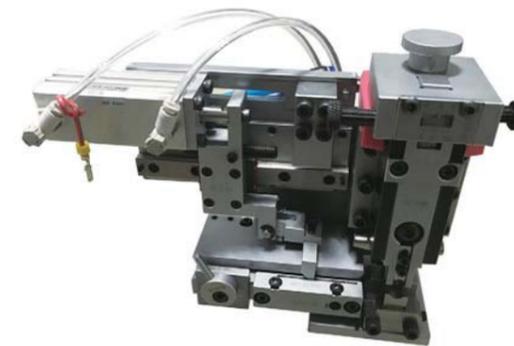


European pneumatic horizontal applicator

## BZW-MOH Pneumatic horizontal applicator

### Technical parameters

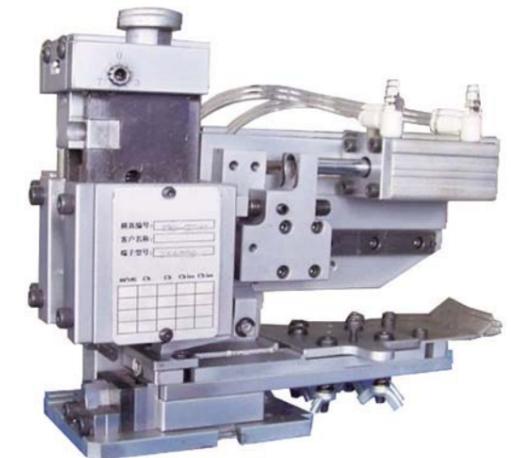
Feeding mode	horizontal
Shut height	135.78 mm
Feeding	Max. 40 mm
Terminal thickness	Max. 1.2 mm
Applicable wire diameter	0.08–6 mm <sup>2</sup> (9–30AWG)
Feeding structure	pneumatic
Weight	6 Kg
Dimension	180 x 155 x 110mm
Stroke	40/30 mm
Applicable machines	Semi-automatic / Full automatic terminal crimping machine



## BZW-MOZ Pneumatic vertical applicator

### Technical parameters

Feeding mode	vertical
Shut height	135.78 mm
Feeding	Max. 40 mm
Terminal thickness	Max. 1.2 mm
Applicable wire diameter	0.08–6 mm <sup>2</sup> (9–30AWG)
Feeding structure	pneumatic
Weight	6 Kg
Dimension	312 x 155 x 106mm
Stroke	40/30 mm
Applicable machines	Semi-automatic / Full automatic terminal crimping machine





## BZW-4S OTP Horizontal applicator

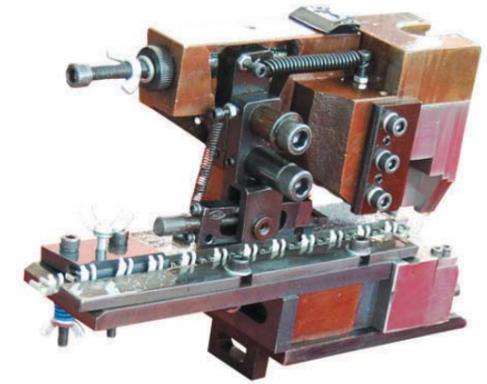
### Technical parameters

Terminal arrangement	Horizontal
Blade adjustment	Knob with degree scale
Cutter material	Imported die steel
Feeding	Max.38mm
Adjustment range	0.45/0.9mm
Adjustment precision	0.05mm
Weight	4.4kg
Stroke	30mm
Applicable machine type	Semi-automatic / Full automatic terminal crimping machine

## BZW-M2000Q 2000# Applicator Flag-shaped applicator

### Technical parameters

Terminal arrangement	Horizontal/Vertical
Blade adjustment	Knob with degree scale
Cutter material	Imported die steel
Feeding	Max.25mm
Adjustment range	0.45/0.9mm
Adjustment precision	0.05mm
Weight	6.3kg
Stroke	30mm
Applicable machine type	Semi-automatic terminal crimping machine



## BZW-4E OTP Vertical applicator

### Technical parameters

Terminal arrangement	Vertical
Blade adjustment	Knob with degree scale
Cutter material	Imported die steel
Feeding	Max.35mm
Adjustment range	0.45/0.9mm
Adjustment precision	0.05mm
Weight	4.4kg
Stroke	30mm
Applicable machine type	Semi-automatic / Full automatic terminal crimping machine



## BZW-M2000 2000# Applicator

### Technical parameters

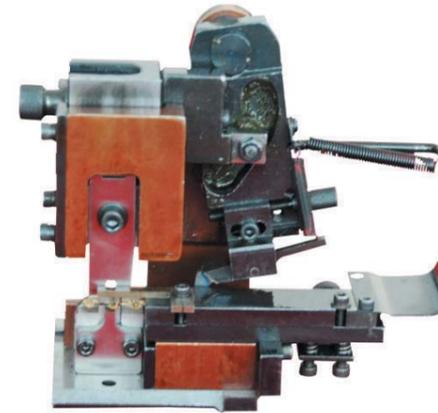
Terminal arrangement	Horizontal/Vertical
Blade adjustment	Knob with degree scale
Cutter material	Imported die steel
Feeding	Max.25mm
Adjustment range	0.45/0.9mm
Adjustment precision	0.05mm
Weight	6.3kg
Stroke	30mm
Applicable machine type	Semi-automatic terminal crimping machine



## BZW-MU U-shaped terminal applicator

### Technical parameters

Terminal arrangement	Vertical
Blade adjustment	Knob with degree scale
Cutter material	Imported die steel
Feeding	Max.38mm
Adjustment range	0.45/0.9mm
Adjustment precision	0.05mm
Weight	4.4kg
Stroke	30mm
Applicable machine type	Semi-automatic terminal crimping machine

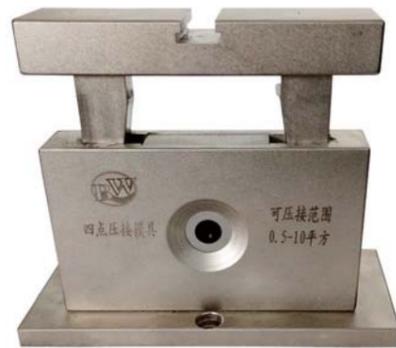


## BZW-MDL Single crimping applicator

### Technical parameters

Terminal arrangement	In bulk
Blade adjustment	Knob with degree scale
Cutter material	Imported die steel
Adjustment range	0.45/0.9mm
Adjustment precision	0.05mm
Weight	2.5kg
Stroke	30mm
Applicable machine type	Semi-automatic terminal crimping machine





## BZW-M4 Four edges spot crimping applicator

### Technical parameters

Wire diameter range	0.05–10mm <sup>2</sup>
Shut height	135.8mm
Outer diameter of terminal	Ø11
Stroke	40mm
Applicable machine type	Semi-automatic terminal crimping machine
Dimension	185 x 165 x 160 mm
Weight	8kg

### Wire sample



### Product feature

- NO.1** Mainly used for terminal crimping of aviation plug;
- NO.2** Crimping on the four edges of terminal to make better contact between conductor wire and terminal;
- NO.3** Exquisite in structure design, evenness crimping force, and excellent finished shape of terminal crimping.

## BZW-MG2 Double positions crimping applicator for JB box

### Technical parameters

Suitable for different wire diameter	
Suitable for different model of PV junction box	
Applicable machine type	4 T semi-automatic terminal crimping machine
Shut height	125mm
Cutter material	Imported die steel
Stroke	30-40mm
Weight	10kg
Dimension	130 x 130 x 150mm



### Wire sample



Before crimping

After crimping

### Product feature

- NO.1** Mainly used for crimping machine on connector of PV junction box;
- NO.2** Ingenious structure design, one-time punching press of cutters of two stations, stable crimping force, and high efficiency;
- NO.3** Can be custom-made according to different interior structure of junction box.

## Four edge crimping applicator



### Technical parameters

Crimping range	0.5–50mm <sup>2</sup>
Crimping width	Standard within 20mm, 30mm/40mm can be special ordered

### Wire sample



## Four point crimping applicator



### Technical parameters

Crimping range	0–6mm
Crimping width	6mm

### Wire sample



## Six edge crimping applicator



### Technical parameters

Crimping range	0.5–35mm <sup>2</sup>
Crimping width	Standard within 9mm, 6mm/14mm/20mm can be special ordered

### Wire sample



## Big six edge crimping applicator



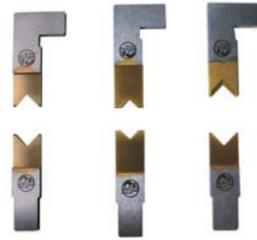
### Technical parameters

Crimping range	10–120mm <sup>2</sup>
Crimping width	Standard within 12.5mm, within 15mm can be special ordered

### Wire sample



## Cutter for automatic terminal crimping machine



### Technical parameters

Material	Tungsten Steel / High speed steel
Processing mode	Fine grinding, plating , WEDM-LS
Applicable machinery	Automatic terminal crimping machine
Surface marking	Laser printing

## OTP cutter for terminal crimping machine



### Technical parameters

Material	DC53 die steel
Processing mode	Fine grinding, plating , WEDM-LS
Applicable machinery	Terminal crimping machine
Surface marking	Laser printing

## 2000mode cutter



### Technical parameters

Material	DC53 die steel
Processing mode	Fine grinding, plating , WEDM-LS
Applicable machinery	Terminal crimping machine
Surface marking	Laser printing

## Cutter for computerized wire cutting and stripping machine



### Technical parameters

Material	Tungsten Steel / High speed steel
Processing mode	Fine grinding, plating , WEDM-LS
Applicable machinery	Wire stripping machine
Surface marking	Laser printing

## Cutter for brass belt crimping machine



### Technical parameters

Material	DC53 die steel
Processing mode	Fine grinding, plating , WEDM-LS
Applicable machinery	Brass belt machine
Surface marking	Laser printing



Brazil Customer



Korean Customer



Kuwait Customer



Italy Customer



India Customer



Indonesia Customer



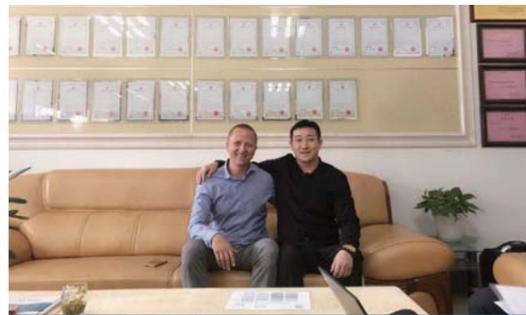
South Africa Customer



Egypt Customer



Argentina Customer



Poland Customer



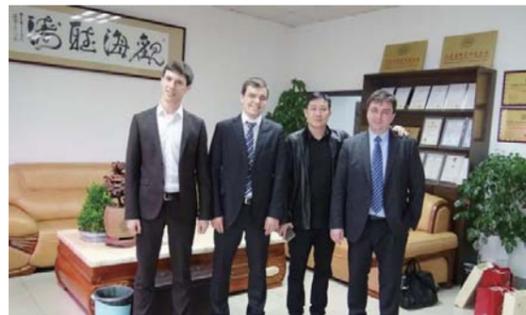
German Customer



Brazil Customer



Russia Customer



Belarus Customer



Argentina Customer



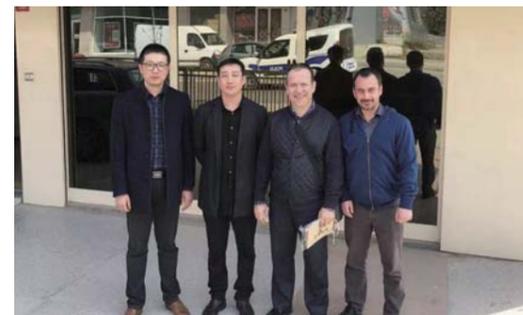
Turkey Customer



Mexico Customer



Saudi Arabia Customer



Turkey Customer



India Customer



Iran Customer



India Customer



Czech Republic Customer



Mexico Customer