Company Profile

Nanjing Hongruohao Technology Co., Ltd., located in the beautiful and rich center of the Yangtze River Delta--Nanjing, Jiangsu Province, is a national excellent manufacturer of wire harness processing equipment. Superior geographical location features the Yangtze River passing through the city with beautiful scenery and pleasant climate, and advanced international and domestic river,sea, land and air transportation.

Since its inception, in line with the brand strategy of high starting point and high-quality, a solid foundation of product quality has been laid. The company has formulated the development policy of taking science and technology as the forerunner. Products with new technologies and new processes are constantly introducing to the market. At the same time, we also focus on customer requirements to the maximum extent. To meet the customer's requirements for products, persistent efforts and hard work has been done, which have also been widely adopted and recognized in the same industry, and won market share and high corporate reputation.

During the production process, the company carries out daily production and management in strict accordance with ISO:9001 quality standards. Based on a strong after-sales service networks and first-class precision processing equipment,the wire harness processing equipment with excellent quality, stable performance and high efficiency has been developed and produced. There are mainly automatic single/double ends waterproof seal and terminal crimping machine, automatic terminal crimping and housing inserting machine, fully automatic terminal joint-crimping machine, automatic terminal crimping machine for ribbon/flat cable, automatic tinning machine, etc., and stripping and terminal crimping machine, computerized wire stripping machine, copperbelt splicing machine, tape wrapping machine, labeling machine, wire brushing machine, and related products such as terminal crimping dies and blades.

The equipment produced by our company is widely used in various industries at home and abroad, such as automobile, photovoltaic, home appliances, industrial equipment, medical equipment, rail transit, communications, etc. At the same time, the products have been exported to South Korea, Vietnam, Thailand, the Philippines and Indonesia, Malaysia, Singapore, India, Russia, Turkey, Italy, Netherlands, Germany, Poland, South Africa, Egypt, United States, Canada, Argentina and other overseas markets.

Facing the whole world, all the staff of Hongruohao inheriting and carrying forward the excellent tradition, we will constantly improve services and quality as always to win the recognition of customers with high-quality products, and create a promising future together with customers at home and abroad.
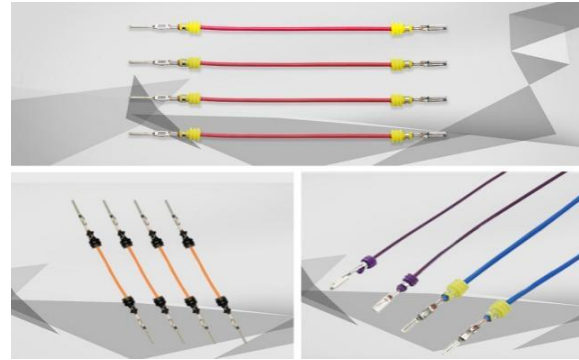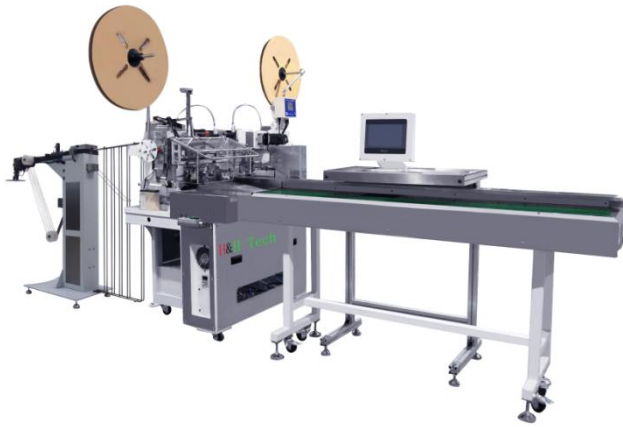
合作客戶
Customers

供应商
Suppliers

Contents

HH-688 Fully-automatic Double Ends Seal Inserting & Terminal Crimping Machine

Operating Videos

HH-688   https://youtu.be/Eg--1t9vMKM

Optional Accessories

※ Pneumatic Horizontal / Vertical Crimping Applicator   ※ OTP Horizontal / Vertical Crimping Applicator
※ Crimping Force Monitor   ※ Seal Inserting Station
※ Transferring Conveyor   ※ Wire Feeding Device

Product Description

※ The high-precise automatic double-end seal inserting & terminal crimping machine adopts Mitsubishi servo motor & Mitsubishi control system, and ball screw drive, so that the positions of wire feeding, stripping, seal inserting and terminal crimping are very accurate, and the movement connection between them is smooth. Mechanical operating control is simple, convenient and time-saving while debugging, as data adjustments of stripping length, cutting depth and crimping position are all operated by the touch screen. The automatic detecting device can also effectively control the occurrence of defective products so that they can be found and dealt with in time. HH-688 is a safe, efficient and precise processing machine that brings you safety, efficiency and precision. (HH-688 can be customized according to requirements.)

Product Features

※ Servo crimping is adopted；   ※ Crimping stations can adopt applicators of Japanese, European, Pheumatic,etc.；

※ The seal inserting system with Japan technology is adopted.

※ Equipped with crimping force monitor, CCD imaging system,etc.；

※ Equipped with a safety shield to protect the personnel.

Technical Parameters

Machine Model	HH-688 Fully-automatic Double Ends Seal Inserting & Terminal Crimping Machine
Display Language	English
Wire Range	0.2～6 mm²
Insulated wire Length	35～9999mm
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	0～15mm
Crimping Capability	2.5T
Crimping Drive Mode	Servo Crimping
Power & Air Supply	AC 220V, 50/60Hz, 0.5Mpa
Dimension	1200mm*1100mm*2300mm
Weight	About 525Kg
Wire Types	AV, AVS, AVSS, CAVUS, KV,KIV, UL
Functions	Wire cutting & stripping, terminal crimping and Seal inserting

HH-687 Fully-automatic Single End Seal Inserting & Terminal Crimping and Wire Tinning Machine
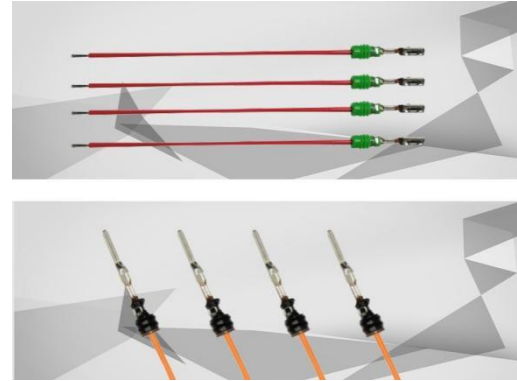
Operating Videos

HH-687   https://youtu.be/MA_DEz1zyTg

Optional Accessories

※ Pneumatic Horizontal / Vertical Crimping Applicator   ※ OTP Horizontal / Vertical Crimping Applicator
※ Crimping Force Monitor   ※ Seal Inserting Station
※ Transferring Conveyor   ※ Wire Feeding Device

Product Description

※ The high-precise automatic single-end seal inserting & terminal crimping and tinning machine adopts Mitsubishi servo motor & Mitsubishi control system, and ball screw drive, so that the positions of wire feeding, stripping, seal inserting and terminal crimping are very accurate, and the movement connection between them is smooth. Mechanical operating control is simple, convenient and time-saving while debugging, as data adjustments of stripping length, cutting depth, crimping position and tinning depth are all operated by the touch screen. The automatic detecting device can also effectively control the occurrence of defective products so that they can be found and dealt with in time. HH-687 is a safe, efficient and precise processing machine that brings you safety, efficiency and precision. (HH-687 can be customized according to requirements.)

Product Features

※ Servo crimping is adopted；   ※ Crimping stations can adopt applicators of Japanese, European, Pheumatic,etc.;

※ The seal inserting system with Japan technology is adopted.

※ Equipped with crimping force monitor, CCD imaging system,etc.;

※ Equipped with a safety shield to protect the personnel.

Technical Parameters

Machine Model	HH-687 Fully-automatic Single End Seal Inserting & Terminal Crimping and Tinning Machine
Display Language	English
Wire Range	0.2～6 mm²
Insulated wire Length	35～9999mm
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	0～15mm
Twisting & Tinning Length	3～15mm
Setting temp of Tin pot	400 ℃
Crimping Capability	2.5T
Crimping Drive Mode	Servo Crimping
Power & Air Supply	AC 220V, 50/60Hz, 0.5Mpa
Dimension	1200mm*1100mm*2300mm
Weight	About 450Kg
Wire Types	AV, AVS, AVSS, CAVUS, KV,KIV, UL
Functions	Wire cutting & stripping, terminal crimping, tinning and Seal inserting

HH-686 Semi-automatic Terminal Crimping and Seal Inserting Machine

Operating Videos

HH-686   https://youtu.be/8ZVM6oqKxDg
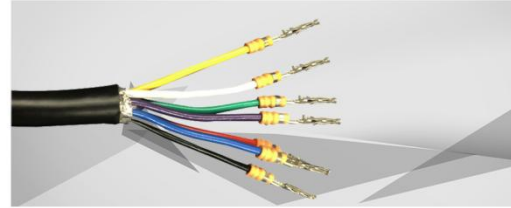
Optional Accessories

※ Crimping Force Monitor

Product Description

※ HH-686 adopts servo drive, guide rail and screw rod positioning, and realizes three processes of seal inserting, stripping and terminal crimping sequencely. Effectively improve productivity, and data can be edited and saved, while various functions can be run independently, which is making debugging more convenient.

Product Features

※ The terminal crimping machine is driven by high efficiency servo motor, high speed and stable crimping；

※ The stripping slide table adopts screw rod to drive to ensure accurate stripping length;

※ The cutting structure is driven by motor and screw rod, and the cutting depth can be digitally adjusted.

※ The feeding structure of waterproof seal is simple and easy to replace, which can meet the requirements of customers with a wide variety of products;

※ The machine has the advantages of simple operation, stable quality and centralized working stations.

Technical Parameters

Machine Model	HH-686 Semi-automatic Terminal Crimping and Seal Inserting Machine
Display Language	English
Wire Range	0.2～6 mm²
Cutting Precision	‹ ± 0.02mm
Stripping Length	0～10mm
Crimping Capability	3T
Crimping Drive Mode	Servo Crimping
Stroke	40mm
Single Circle	2.5s
Power & Air Supply	AC 220V, 50Hz, 0.5Mpa
Dimension	850mm*880mm*1300mm
Weight	About 300Kg
Functions	Wire cutting & stripping, terminal crimping and Seal inserting

HH-68 Semi-automatic Waterproof Seal Inserting Machine
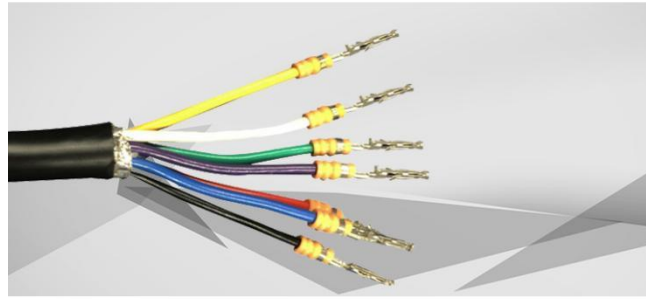
Product Features

※ This machine is a semi-automatic waterproof seal inserting machine, which is used to automatically insert the waterproof seal onto the stripped wire. HH-68 has a good consistency of penetration depth and high inserting speed of the waterproof seal ;

※ The waterproof seal is automatically fed through the drum, and the action of inserting the waterproof seal can be completed automatically by manually putting the wire in the working position and stepping on the pedal switch;

※ When there are many different sizes of waterproof plugs, you only need to replace the corresponding tracks.

Technical Parameters

Model	HH-68 Semi-automatic Waterproof Seal Inserting Machine
Display Language	English
Seal Size	MAX13mm*14mm （OD*Length)
Air Supply	0.5-0.6MPa
Adjust Unit	10mm
Power	AC220 50HZ
Capacity	60pcs/m
Motor	24VDC-50w
Weight	About 36kg
Dimension	200mm*600mm*630mm

HH-RJ01 Semi-automatic Crystal Head Crimping Machine

Operating Videos

https://youtu.be/ndzjk5u7gww

Product Features

※ Japanese Mitsubishi servo motor controls accurately the shrapnel depth of crimping crystal head;

※ Germany Festo and other pneumatic components can ensure fast response;

※ Taiwan Delta large size touch screen, easy to operate;

※ The combination of precision screw-rod movement control and fine grinding parts, to ensure accurate positioning, stability and high speed.

Technical Parameters

Model	HH-RJ01 Semi-automatic Crystal Head Crimping Machine
Display Language	English
Functions	Wire cores even- shearing, crystal head penetrating, crystal head crimping
Cable Range	CAT-5, CAT-5e, CAT-6, CAT-6e
Processing Range	Crystal head 8P8C
Capacity	500PCS/h
Power	AC220V/50/60HZ single phase
Air supply	5～7Mpa(clean, dry air)
Warning Functions	Low air pressure, return of finished product clip, overload of motor, lack of crystal head
Weight	About 100KG
Dimension	600mm*700mm*1200mm

HH-685A Multi-functional Double Ends Terminal Crimping and Tinning Machine

Operating Videos

HH-685A   https://youtu.be/kxdaDu4J_l8

Optional Accessories

※ OTP Horizontal / Vertical Crimping Applicator   ※ Wire Feeding Device

※ Transferring Conveyor   ※ Crimping Force Monitor

Product Description

※ HH-685A adopts five-wire feeding and five-wire simultaneous processing mode to realize the functions of double-ended terminal crimping and single-end twisting & tinning. The transmission part of the machine adopts imported hardware such as Mitsubishi motor and Taiwan guide rail and screw rod, etc.. And uses high-speed single board computer and other control system to make the machine durable, accurate and efficient. The Taiwan touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ Mitsubishi servo control is adopted in the transmission part of the motor, which is accurate and reliable；

※ Realize the functions of double-end terminal crimping, and single-end terminal crimping & single-end wire twisting and tinning;

※ Higher efficiency and better reliability;

※ Equipped with belt conveying structure, which can straighten the processed wire effectively.

Technical Parameters

Machine Model	HH-685A Multi-functional Double Ends Terminal Crimping and Tinning Machine
Display Language	English
Max. Capacity	7000pcs/h（Single-end terminal crimping and tinning)
Wire Range	AWG#32～AWG#18
Insulated wire Length	35～950mm
Cutting Precision	＜±（0.1+0.005*L), L= Cutting Length
Stripping Length	A: 1～15mm; B: 1～8mm
Crimping Capability	2.0T
Crimping Drive Mode	Frequency converter drive
Power & Air Supply	AC 220V, 50/60Hz, 0.5Mpa
Dimension	2700mm*1050mm*1600mm
Weight	About 450Kg
Wire Types	AV, AVS, AVSS, CAVUS, KV, KIV, UL
Functions	Wire cutting & stripping, terminal crimping and Wire twisting & tinning

HH-685B Multi-functional Double Ends Tinning and Terminal Crimping Machine
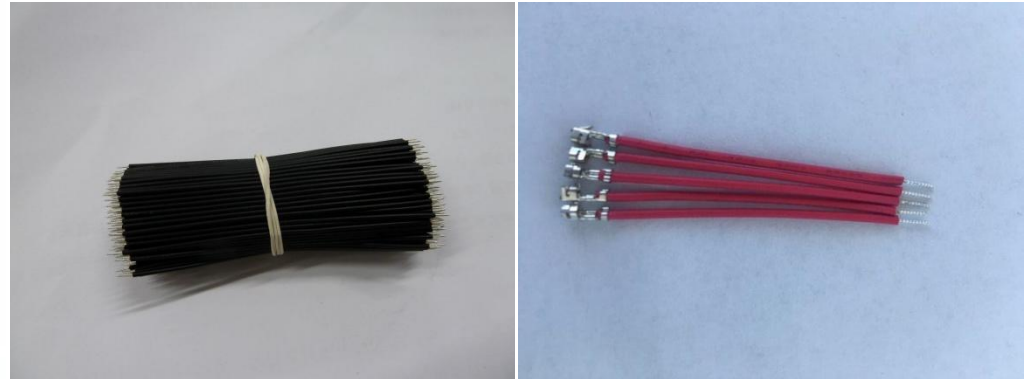
Operating Videos

HH-685B   https://youtu.be/O6eovq0uH2w

Optional Accessories

※ OTP Horizontal / Vertical Crimping Applicator

※ Transferring Conveyor

※ Wire Feeding Device

※ Crimping Force Monitor

Product Description

※ HH-685B adopts five-wire feeding and five-wire simultaneous processing mode to realize the functions of double-ended twisting & tinning and single-end terminal crimping & tinning. The transmission part of the machine adopts imported hardware such as Mitsubishi motor and Taiwan guide rail and screw rod, etc.. And uses high-speed single board computer and other control system to make the machine durable, accurate and efficient. The Taiwan touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ Mitsubishi servo control is adopted in the transmission part of the motor, which is accurate and reliable；

※ Realize the functions of double-end wire twisting and tinning, and single-end terminal crimping & wire twisting and tinning;

※ Higher efficiency and better reliability;

※ Equipped with belt conveying structure, which can straighten the processed wire effectively.

Technical Parameters

Machine Model	HH-685B Multi-functional Double Ends Tinning and Terminal Crimping Machine
Display Language	English
Max. Capacity	7000pcs/h (Single-end terminal crimping and tinning)
Wire Range	AWG#32～AWG#18
Insulated wire Length	35～950mm
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	A: 1～15mm; B: 1～8mm
Crimping Capability	2.0T
Crimping Drive Mode	Frequency converter drive
Display Language	English
Power & Air Supply	AC 220V, 50/60Hz, 0.5Mpa
Dimension	2700mm*1050mm*1600mm
Weight	About 450Kg
Wire Types	AV, AVS, AVSS, CAVUS, KV, KIV, UL
Functions	Wire cutting & twisting & tinning and Wire stripping, terminal crimping

线束加工设备与方案供应商
Wiring Harness Processing Machines & Solutions Provider

HH-666 Fully-automatic Terminal Crimping and Tinning Machine

Operating Videos

HH-666   https://youtu.be/B0oJEx-I134

Optional Accessories

※ OTP Horizontal / Vertical Crimping Applicator

※ Twisting Device

※ Wire Feeding Device

※ Transferring Conveyor

※ Crimping Force Monitor

Product Description

※ HH-666 adopts 5-wire single-end terminal crimping and single-end tinning mode to realize its functions. The transmission part of the machine adopts Mitsubishi servo motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.
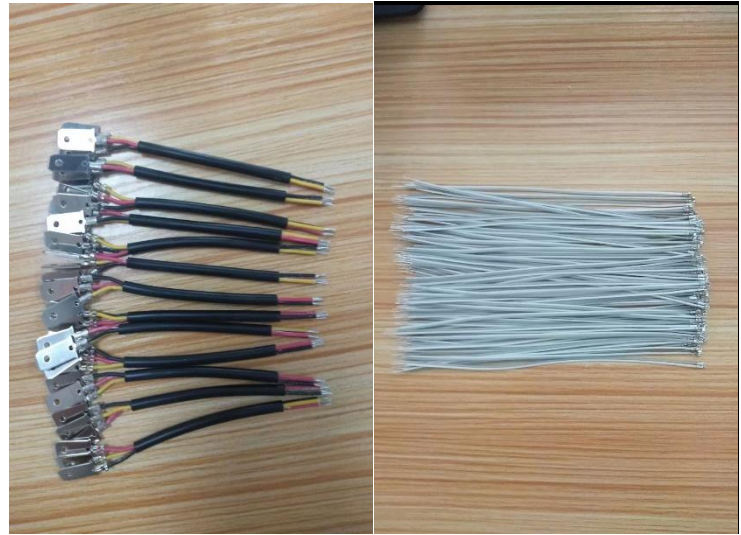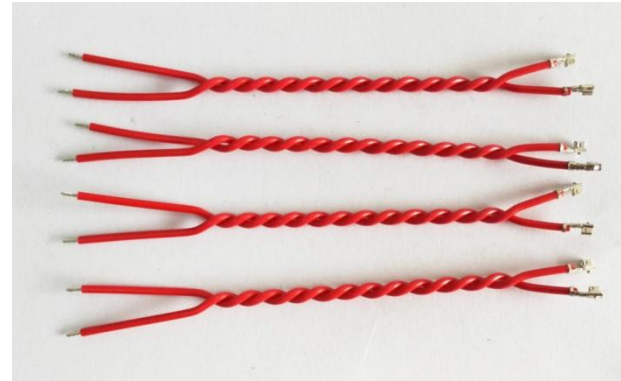
Product Features

※ Using 5 Japanese Mitsubishi servo motors to achieve accuracy, efficiency and stability;

※ Touch screen controls the adjustments, including: wire length, cutting length, stripping length, twisted wire length & tension, tinned length, etc;

※ The use of computer-based automatic detection will find abnomalities like low air pressure, abnormal motor or belt, etc., and can automatically stop the machine and show the causes of the fault, featuring convenient and rapid troubleshooting;

※ It is characterized by simple adjustment technology, short adjust time, and can greatly reduce the adjustment time;

※ Adjust the terminal crimping position on the touch screen to make the terminal crimping more accurate and stable.

Technical Parameters

Machine Model	HH-666 Fully-automatic Terminal Crimping and Tinning Machine for 5 Wires
Display Language	English
Max. Capacity	Around 6000 pieces/h
Wire Range	AWG#32～AWG#20
Insulated wire Length	8～3500mm
Cutting Precision	＜ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	0.1～15mm(longer striping length may be customzed)
Crimping Capability	2.0T
Wire Twisting Length	3～10mm
Wire Tining Length	0.5～10mm
Power & Air Supply	AC 220V, 50/60Hz, Single phase, 0.5Mpa
Dimension	1280mm*680mm*1550mm
Weight	About 350Kg

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Wiring Harness Processing Machines & Solutions Provider

HH-665 Fully-automatic Terminal Crimping, Wire Stranding and Tinning Machine

留胶
Min 13mm

Operating Videos

HH-665   https://youtu.be/CZiYIALtfF0

Optional Accessories

※ OTP Horizontal / Vertical Crimping Applicator
※ Wire Feeding Device
※ Crimping Force Monitor

※ Twisting Device
※ Transferring Conveyor

Product Description

※ HH-665 adopts 4-wire single-end terminal crimping，twin wires stranding and single-end tinning mode to realize its functions. The transmission part of the machine adopts Mitsubishi servo motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ Using 5 Japanese Mitsubishi servo motors to achieve accuracy, efficiency and stability;

※ Touch screen controls the adjustments, including: wire length, cutting length, stripping length, twisted wire length & tension, tinned length, etc;

※ The use of computer-based automatic detection will find abnomalities like low air pressure, abnormal motor or belt, etc., and can automatically stop the machine and show the causes of the fault, featuring convenient and rapid troubleshooting;

※ It is characterized by simple adjustment technology, short adjust time, and can greatly reduce the adjustment time;

※ Adjust the terminal crimping position on the touch screen to make the terminal crimping more accurate and stable.

Technical Parameters

Machine Model	HH-665 Fully-automatic Terminal Crimping, Wire Stranding and Tinning Machine
Display Language	English
Max. Capacity	Around 1200 pieces/h
Wire Range	AWG#32～AWG#20
Insulated wire Length	8～3500mm
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	0.1～15mm(longer striping length may be customzed)
Crimping Capability	2.0T
Wire Twisting Length	3～10mm
Wire Tinning Length	0.5～10mm
Power & Air Supply	AC 220V, 50/60Hz, Single phase, 0.5Mpa
Dimension	1280mm*680mm*1300mm
Weight	About 350Kg

线束加工设备与方案供应商
Wiring Harness Processing Machines & Solutions Provider

HH-663 Fully-automatic Double Ends Wire Cutting, Twisting and Tinning Machine

Operating Videos

HH-663   https://youtu.be/5Dmxv7OooDo

Optional Accessories

※ Wire Feeding Device   ※ Transferring Conveyor

Product Description

※ HH-663 adopts 8-wire double ends tinning mode to realize its functions. The machine adopts Mitsubishi servo motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ Using 6 Japanese Mitsubishi servo motors to achieve accuracy, efficiency and stability;

※ It features exquisite and compact design, small footprint, touch screen operation menu, easy to learn and use;

※ It features fast replacement of process and materials, high efficiency, high precision and convenient maintenance;

※ Pneumatic components includes electromagnetic raft, cylinder, air pressure detection device are from SMC;

※ Color touch screen is from Taiwan KINCO;

※ Blade cutting size, cutting length, stripping length, twisted wire strength, flux and tin dipping depth, etc., can all be realized by the digital operation of touch screen.

Technical Parameters

Machine Model	HH-663 Fully-automatic Double Ends Wire Cutting, Twisting and Tinning Machine
Display Language	English
Max. Capacity	Around 9000～12000 pieces/h
Wire Range	AWG#32～AWG#16
Insulated wire Length	6～680mm(May be customized)
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	0.1～10mm(longer striping length may be customzed)
Twisting Mode	Computerized operation(motor driven)
Wire Twisting Length	2～10mm
Wire Tinning Length	1～10mm
Power & Air Supply	AC 220V, 50/60Hz, Single phase, 0.5Mpa
Dimension	1200mm*120mm*720mm
Weight	About 300Kg
Functions	Wire cutting & stripping, tining,and the testing of wire lacking, wire knotting, and low air pressure, etc..

HH-684A Fully-automatic 2-wire & 3-end Joint Terminal Crimping and Sleeve Inserting Machine
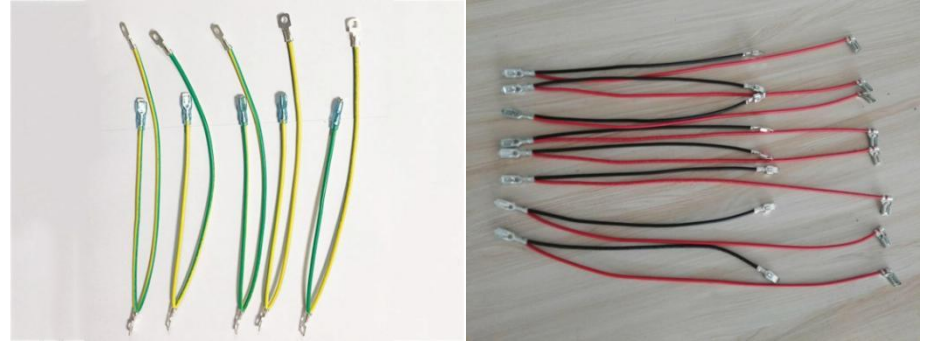
Operating Videos

HH-684A   https://youtu.be/myhuW7gP8wA

Optional Accessories

※ OTP Horizontal / Vertical Crimping Applicator   ※ Wire Feeding Device

※ Transferring Conveyor   ※ Crimping Force Monitor

Product Description

※ HH-684A adopts two-wire feeding, three-end crimping and sheath inserting mode to realize the functions of double-end single crimping, sheath inserting and single-end combined terminal crimping. The transmission part of the machine adopts servo and stepping motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ You can combinedly crimp one end of two wires on one terminal and crimp the other ends of each single wire seperately；

※ Two wires are crimping one on another on one terminal, or side by side on the terminal；

※ CNC debugging: cutting depth & length, stripping length, crimping height, fallback after crimping can all be adjusted by the digital operation of the touch screen, and you can be proficient in operation by simple learning；

※ Equipped with the combination of servo and stepping motors, it is accurate, efficient and stable；

※ This machine may stop immediately, abnormal situations are computerizedly automatic detected, like low air supply, abnormal motor, terminal absence,etc.. And the cause of failure shall be displayed for the convenient and quick troubleshooting.

Technical Parameters

Machine Model	HH-684A Fully-automatic 2-wire & 3-end Joint Terminal Crimping and Sleeve Inserting Machine
Display Language	English
Max. Capacity	2500/h/100mm length
Wire Range	AWG#24 ~ AWG#12
Insulated wire Length	45 ~ 9999mm
Cutting Precision	< ± (0.1+0.005*L), L=Cutting Length
Stripping Length	0.1 ~ 15mm
Crimping Capability	2.0T ~ 4.0T
Rated power	3KW/h
Power & Air Supply	AC 220V, 50/60Hz, 0.5Mpa
Dimension	1600mm*820mm*1500mm
Weight	About 600Kg
Wire Types	AV, AVS, AVSS, UL
Functions	Wire cutting & stripping, terminal crimping and sheath inserting

HH-684B Fully-automatic 2-wire & 2-end Joint Terminal Crimping Machine
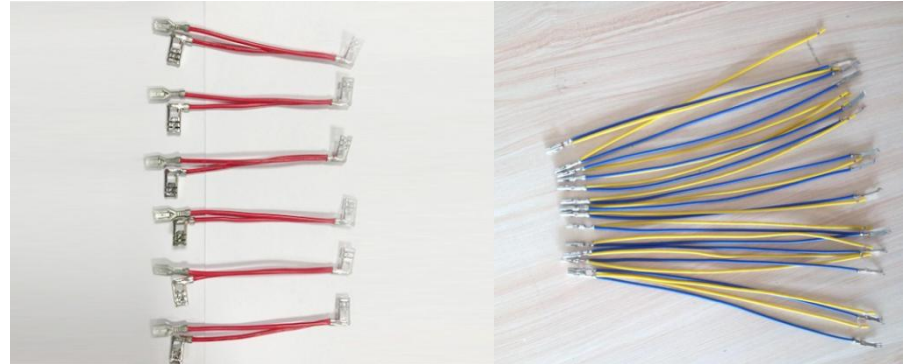
Operating Videos

HH-684B   https://youtu.be/9dOoDg7vqKk

Optional Accessories

※ OTP Horizontal / Vertical Crimping Applicator

※ Wire Feeding Device

※ Transferring Conveyor

※ Crimping Force Monitor

Product Description

※ HH-684B adopts two-wire feeding, two-end crimping mode to realize the functions of single-end single crimping, and single-end combined terminal crimping. The transmission part of the machine adopts servo and stepping motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ Exquisite and compact design, small footprint, computer touch screen with Chinese/English；

※ The machine adopts servo wire feeding: 2 sets of servo motors (Mitsubishi servo);

※ One end of the two wires can be combinedly crimped on the same terminal, while one end of the single wire can be crimped on a single end, and the other end can be half-stripped or completely stripped;

※ Both horizontal and vertical OTP crimping applicators can be used, and they can be quickly changed;

※ Wire cutting length, stripping length and terminal wrapping depth are all numerically controlled by touch screen, which is easy to learn, understand and skillfully operate.

Technical Parameters

Machine Model	HH-684B Fully-automatic 2-wire & 2-end Joint Terminal Crimping Machine
Display Language	English
Max. Capacity	3000～4000 pieces/h/150mm-length
Wire Range	AWG#28～AWG#10
Insulated wire Length	65～1500mm(conveyor is necessary if more than 800mm)
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	0.1～10mm(longer striping length may be customzed)
Crimping Capability	2.0T
Rated power	2.5KW/h
Power & Air Supply	AC 220V, 50/60Hz, 0.5Mpa
Dimension	750mm*1000mm*1500mm
Weight	About 350Kg
Functions	Wire cutting & stripping, terminal crimping

HH-683 Fully-automatic Double Ends Terminal Crimping & Sleeves Inserting Machine

Operating Videos

HH-683   https://youtu.be/f_ChdblfEKU

Optional Accessories

※ OTP Horizontal / Vertical Crimping Applicator

※ Twisting Device

※ Wire Feeding Device

※ Transferring Conveyor

※ Crimping Force Monitor

Product Description

※ HH-683 adopts double ends terminal crimping mode to realize the functions of double ends terminal crimping and sheath inserting. The transmission part of the machine adopts Mitsubishi servo and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ Achieve the terminal crimping of super-thin wire and super-short wire;

※ The crimping of 187/250 straight terminal and sheath inserting into place can save a lot of labor;

※ The same type of sheathes share the vibrating disc, which greatly improves the versatility;

※ The machine adopts Mitsubishi servo, that is 6 sets of servo;

※ The end without sheath inserting, you can crimp the flag-shaped terminals; you can also choose the wire-twisting station, and crimp pre-insulated terminals and other processes.

Technical Parameters

Machine Model	HH-683 Fully-automatic Double Ends Terminal Crimping & Sheath Inserting Machine
Display Language	English
Max. Capacity	2500～3500 pieces/h/150mm-length
Wire Range	AWG#24～AWG#14 / OD=1.6～3.6mm
Insulated wire Length	80～3000mm(conveyor is necessary if more than 800mm)
Cutting Precision	＜ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	0.1～10mm(longer striping length may be customzed)
Crimping Capability	2.0T
Rated power	2.0KW/h
Power & Air Supply	AC 220V, 50Hz, Single phase, 0.5Mpa
Dimension	960mm*1820mm*1860mm
Weight	About 350Kg
Wire Types	AV, AVS, AVSS, UL
Functions	Wire cutting & stripping, terminal crimping,and sheath inserting

HH-682A Fully-automatic Double Ends Terminal Crimping Machine（Servo Version）

Operating Videos

HH-682A   https://youtu.be/zDIlvHmrX8g

Optional Accessories

※ OTP Horizontal / Vertical Crimping Applicator
※ Wire Feeding Device
※ Crimping Force Monitor

※ Twisting Device
※ Transferring Conveyor

Product Description

※ HH-682A adopts double ends terminal crimping mode to realize its functions of double ends terminal crimping. The transmission part of the machine adopts Mitsubishi servo and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ The blades are adjusted by computer, no gasket is needed;   ※ Half stripping can be realized at the back end of the cable;

※ The 5-inch WEINVIEW operation screen;   ※ The machine adopts Mitsubishi servo，that is 6 sets of servo;

※ AIRTAC pneumatic component;   ※ The control system is the 32-bit single-chip microcomputer;

※ Guide rail is from Japan THT，Taiwan HIWIN   ※ Testing devices are from KEYENCE and OMRON.

Technical Parameters

Machine Model	HH-682A Fully-automatic Double Ends Terminal Crimping Machine（Servo Version）
Display Language	English
Max. Capacity	4000 pieces/h/50mm-length
Wire Range	AWG#32～AWG#16
Insulated wire Length	22～9999mm
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	0.1～10mm(longer striping length may be customzed)
Crimping Capability	2.0T per crimping station
Control Model	32-bit single-chip microcomputer
Rated power	1.5KW/h
Display Language	English
Power & Air Supply	AC 220V, 50/60Hz, Single phase, 0.5Mpa
Dimension	1060mm*800mm*1500mm
Weight	About 330Kg
Wire Types	AV, AVS, AVSS, UL
Functions	Wire cutting & stripping, terminal crimping,and the testing of wire lacking, wire overstraighten, stripping&crimping and low air pressure.

HH-682B Fully-automatic Double Ends Terminal Crimping Machine（Stepping Version）
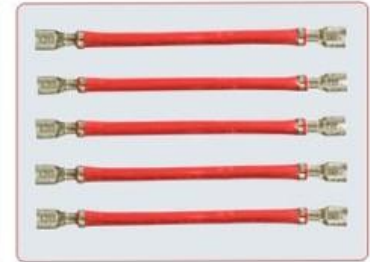
Operating Videos

HH-682B   https://youtu.be/QkUaeOHqwqc

Optional Accessories

※ OTP Horizontal / Vertical Crimping Applicator

※ Wire Feeding Device

※ Crimping Force Monitor

※ Twisting Device

※ Transferring Conveyor

Product Description

※ HH-682B adopts double ends terminal crimping mode to realize its functions of double ends terminal crimping. The transmission part of the machine adopts stepping motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ The blades are adjusted by computer, no gasket is needed;

※ The 5-inch WEINVIEW operation screen;

※ The control system is the 32-bit single-chip microcomputer;

※ Testing devices are from KEYENCE and OMRON.

※ Half stripping can be realized at the back end of the cable;

※ AIRTAC pneumatic component;

※ Guide rail is from Japan THT, Taiwan HIWIN

Technical Parameters

Machine Model	HH-682B Fully-automatic Double Ends Terminal Crimping Machine（Stepping Version）
Display Language	English
Max. Capacity	4000 pieces/h/50mm-length
Wire Range	AWG#30～AWG#10
Insulated wire Length	40～9999mm
Cutting Precision	＜±(0.1+0.005*L), L= Cutting Length
Stripping Length	0.1～10mm(longer striping length may be customzed)
Crimping Capability	2.0T per crimping station
Control Model	32-bit single-chip microcomputer
Rated power	1.5KW/h
Power & Air Supply	AC 220V, 50/60Hz, Single phase, 0.5Mpa
Dimension	1060mm*800mm*1500mm
Weight	About 330Kg
Wire Types	AV, AVS, AVSS, UL
Functions	Wire cutting & stripping, terminal crimping,and the testing of wire lacking, wire overstraighten, stripping&crimping and low air pressure.

HH-680A Fully Automatic Dual Ends Terminal Crimping and HST Processing Machine

Operating Videos
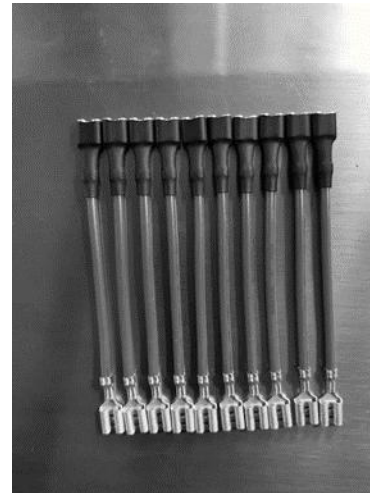
HH-680A https://youtu.be/80zSzgonKiA terminal crimp &HST processing✚wire soldering

HH-680A https://youtube.com/shorts/_PoARI_A86g dual ring terminal crimp + hst process

HH-680C https://youtu.be/bVROqF-kPOo dual terminal crimp +hst process +copperbelt splice

HH-680B https://youtube.com/shorts/eYH3OHDUtko dual crimp+sleeve insert+hst process

Optional Accessories

※ OTP Horizontal / Vertical Crimping Applicator
※ Transferring Conveyor

※ Wire Feeding Device
※ Crimping Force Monitor

Product Features

※ Exquisite and compact design, small footprint, computer touch screen with Chinese/English；

※ Dual ends crimped with terminals, while shrink tube is cutting, inserting on the cable and heating on both ends;

※ HH-680 can also be customized with functions of loose terminal crimping, sleeve inserting, wire soldering, copperbelt splicing, etc..

※ Both horizontal and vertical OTP crimping applicators can be used, and they can be quickly changed;

※ Wire cutting length, stripping length and terminal crimping depth are all numerically controlled by touch screen, which is easy to learn, understand and skillfully operate.

Technical Parameters

Machine Model	HH-680A Fully Automatic Dual Ends Terminal Crimping and HST Processing Machine
Display Language	English
Max. Capacity	1700～2300 pieces/h/150mm-length
Wire Range	AWG#24～AWG#12 (0.3～4 mm²)
Insulated wire Length	60～9999mm(conveyor is necessary if more than 800mm)
Cutting Precision	＜±(0.1+0.005*L), L= Cutting Length
Stripping Length	0.1～15mm(longer striping length may be customzed)
HST size	Length of 15~35mm, diamater of 3mm~8mm
Crimping Capability	2.0T
Rated power	2.5KW/h
Power & Air Supply	AC 220V, 50/60Hz, 0.5~0.7Mpa
Dimension	1700mm*850mm*1800mm (Main Body)
Weight	About 600Kg
Functions	Wire cutting & stripping, terminal crimping, shrink tube proceiing, sleeve inserting, wire soldering, copperbelt splicing, etc..

HH-550 Fully-automatic Single End Terminal Crimping Machine

Operating Videos

HH-550   https://youtu.be/UyFfxf6wxOk

Optional Accessories

※ Wire Feeding Device

※ Crimping Force Monitor

※ Transferring Conveyor

Product Description

※ HH-550 adopts single end terminal crimping mode to realize its functions. The machine adopts Mitsubishi motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ 100 sets of processing programs can be stored, replacing processes and materials quickly;

※ Adopting high-speed DSP distribution control system, silent hybrid stepping drive, high precision, and fast speed;

※ Linear catheter feeding material, wire feeding without blocking, wire harness placement more orderly;

※ Twisting structure has an automatic reset function, diameter size does not need adjustment, realizes universal wire twisting;

※ Automation: wire dividing, cutting, stripping, crimping are finished at the same time without any labor force, and save the production cost;

※ Simple operation: parameters setting by touching the screen, the operation is easy to learn, one worker can operate several machines at the same time.

Technical Parameters

Machine Model	HH-550 Fully-automatic Single End Terminal Crimping Machine
Display Language	English
Max. Capacity	Around 4500 pieces/h
Wire Range	AWG#32～AWG#14 （0.035mm²～2.5mm²）
Insulated wire Length	40～9999mm
Cutting Precision	＜±(0.1+0.005*L), L= Cutting Length
Stripping Length	A: 0.1～15mm; B: 0.1～8mm
Wire twisting length	2～12mm
Crimping force	1.5T(2.0T optional)
Detecting functions	Low air pressure, wire lacking and knotting, abnormal crimping
Power & Air Supply	AC 220V, 50/60Hz, Single phase, 0.5Mpa
Dimension	700mm*600mm*1400mm
Weight	About 200Kg

HH-559 Fully-automatic Flat Cable Double Ends Terminal Crimping & Housing Inserting Machine

Operating Videos

HH-559   https://youtu.be/VD2cF2oj2d0
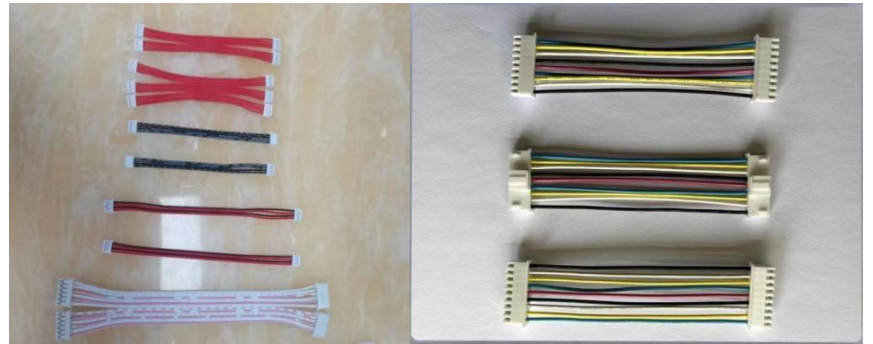
Optional Accessories

※ Wire Feeding Device
※ Crimping Force Monitor

※ Transferring Conveyor

Product Description

※ HH-559 adopts flat cable double ends terminal crimping & housing inserting mode to realize its functions. The machine adopts servo motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.
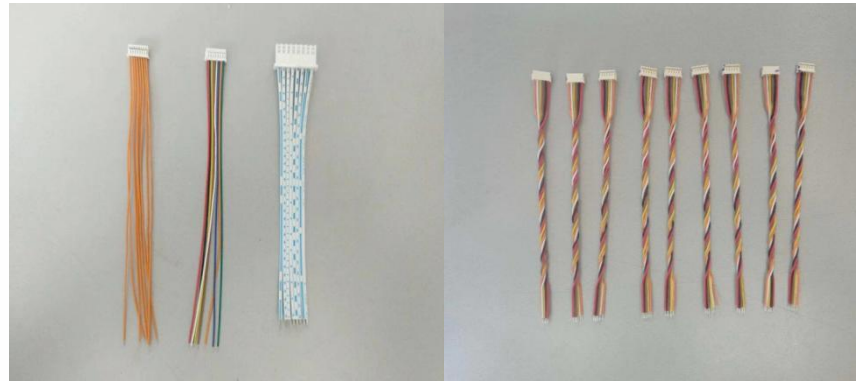
Product Features

※ Wide applying range: PH、XH、EH、ZH、SCN、SM、VH, DuPont and other connectors and communication terminals;

※ Cost saving: double-end terminal crimping and housing insertion, all processes are completed automatically, and saving production costs for customers;

※ Good stability: the crimping adopts eccentric shaft and cam structure, the crimping force of the terminal is even and balanced, the terminal is crimped neatly, and the consistency is good;

※ High precision: using servo motors to control cutting, wire splitting & stripping, positioning and crimping, housing insertion to achieve accurate positioning;

※ Simple operation: parameter setting and operation is simple, can be easily learnt, ordinary staff only need simple training, and one person can operate several equipment.

Technical Parameters

Machine Model	HH-559 Fully-automatic Flat Cable Double Ends Terminal Crimping & Housing Inserting Machine
Display Language	English
Max. Capacity	Around 300～380 pieces/h/110mm
Wire Range	2P～12P Flat cable/Electronic wire AWG#28～AWG#22
Insulated wire Length	45～1000mm(May be customized)
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	A: 0.1～10mm; B: 0.1～5mm
Housing Types	1.25/1.5/2.0/2.5
Housing Inserting Pins	2～8P(1～4 housings)
No. of Housing Pins	20P (several pieces may be processed at same time)
Special Functions	Working stations are optional; rotary crimping is optional
Power & Air Supply	AC 220V, 50Hz, 30A, 0.4～0.6Mpa, dry and clean air
Dimension	1700mm*3350mm*1900mm
Weight	About 1300Kg

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HH-558 Fully-automatic Flat Cable Terminal Crimping & Housing Inserting and Tinning Machine

Operating Videos

HH-558   https://youtu.be/hOzCHx3DSkU

Optional Accessories

※ Wire Feeding Device
※ Crimping Force Monitor

※ Transferring Conveyor

Product Description

※ HH-558 adopts flat cable single end terminal crimping & housing inserting and tinning mode to realize its functions. The machine adopts servo motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.
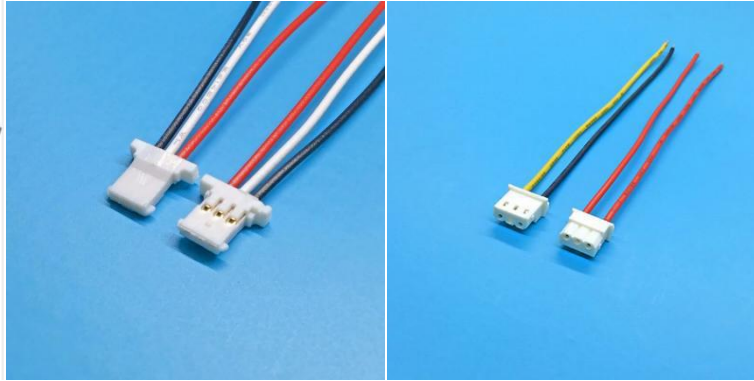
Product Features

※ Wide applying range: PH、XH、EH、ZH、SCN、SM、VH, DuPont and other connectors and communication terminals;

※ Equipment function: the front end is terminal crimping and housing inserting, and the back end is tinning; and all processes are completed automatically, saving production costs for customers;

※ Good stability: the crimping adopts eccentric shaft and cam structure, the crimping force of the terminal is even and balanced, the terminal is crimped neatly, and the consistency is good;

※ High precision: using servo motors to control cutting, wire splitting & stripping, positioning and crimping, housing insertion to achieve accurate positioning;

※ Simple operation: Use touch screen to operate, so that parameter setting and operation is simple, can be easily learnt, ordinary staff only need simple training, and one person can operate several equipment.

Technical Parameters

Machine Model	HH-558 Fully-automatic Flat Cable Terminal Crimping & Housing Inserting and Tinning Machine
Display Language	English
Max. Capacity	Around 500 inserts/h/110mm
Wire Range	2P～12P Flat cable/Electronic wire AWG#28～AWG#22
Insulated wire Length	45～1000mm(May be customized)
Cutting Precision	＜±(0.1+0.005*L), L= Cutting Length
Stripping Length	A: 0.1～5mm; B: 0.1～10mm, wire twisting: 2～8mm
Housing Types	1.25/1.5/2.0/2.5,etc.
Housing Inserting Pins	2～12P(1～4 housings)
Special Functions	Working stations are optional; wire stranding is optional, max. 12 electronic wires
Power & Air Supply	AC 220V, 50Hz, 15A, 0.4～0.6 Mpa dry and clean air
Dimension	2043mm*1570mm*1600mm
Weight	About 600Kg

HH-552 Fully-automatic Single End Terminal Crimping & Housing Inserting Machine

Operating Videos

HH-552　　https://youtu.be/dlI7sZgp2tA

Optional Accessories

※ Wire Feeding Device　　　　　　　　　　　　※ Transferring Conveyor

※ Crimping Force Monitor

Product Description

※ HH-552 adopts single end terminal crimping and housing inserting mode to realize its functions. The machine adopts Mitsubishi motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ Wide applying range: PH、XH、EH、ZH、SCN、SM、VH, DuPont and other connectors and communication terminals;

※ Equipment function: the front end is terminal crimping and housing inserting, and the back end is cutting and stripping; and all processes are completed automatically, saving production costs for customers;

※ Good stability: the crimping adopts eccentric shaft and cam structure, the crimping force of the terminal is even and balanced, the terminal is crimped neatly, and the consistency is good;

※ High precision: using servo motors to control positioning and crimping, housing insertion to achieve accurate positioning;

※ Simple operation: Use touch screen to operate, so that parameter setting and operation is simple, can be easily learnt, ordinary staff only need simple training, and one person can operate several equipment.

Technical Parameters

Machine Model	HH-552 Fully-automatic Single End Terminal Crimping & Housing Inserting Machine
Display Language	English
Max. Capacity	Around 850 pieces/h for 4P
Applied Wire	Electronic wire, high-temp wire, etc.
Wire Range	AWG#22～AWG#18
Insulated wire Length	60～800mm(Longer may be customized)
Cutting Precision	＜±(0.1+0.005*L), L= Cutting Length
Stripping Length	1～12mm
Wire twisting length	2～8mm
Crimping force	2.0T
Detecting functions	Low air pressure, wire lacking and knotting, terminal lacking
Power & Air Supply	AC 220V, 50Hz, Single phase, 0.5Mpa
Dimension	800mm*700mm*1500mm
Weight	About 300Kg

HH-556 Fully-automatic Flat Cable Single End Terminal Crimping and Tinning Machine
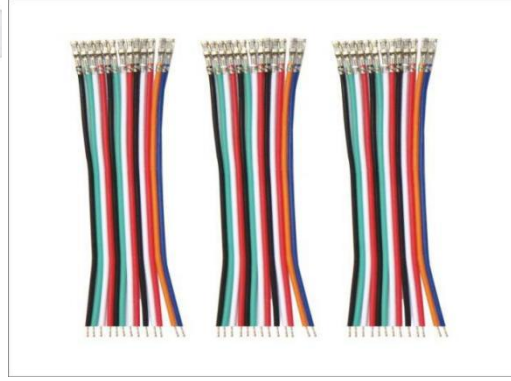
Operating Videos

HH-556　　https://youtu.be/dmyJOO2LCpI

Optional Accessories

※ Wire Feeding Device

※ Crimping Force Monitor

※ Transferring Conveyor

Product Description

※ HH-556 adopts flat cable single end terminal crimping and tinning mode to realize its functions. The machine adopts servo and stepping motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.

Product Features

※ Normally it can process 2pcs ribbon cable at the same time, 5pcs 2pin ribbon cable or 6-8pcs electronic wires;

※ This machine could change the applicator, simple debugging; it uses a servo motor to control the whole process of wire feeding, wire dividing, wire cutting, wire stripping and the movement of the ribbon cable;

※ Automation: wire dividing, cutting, stripping, crimping are finished at one time without any labor force, and save the production cost;

※ Good stability: eccentric shaft and cam transmission structure, balance crimping force, tide crimping effect, and high rate of finished products;

※ Simple operation: parameters setting by touching the screen, the operation is easy to learn, one worker can operate several machines at the same time.

Technical Parameters

Machine Model	HH-556 Fully-automatic Flat Cable Single End Terminal Crimping and Tinning Machine
Display Language	English
Max. Capacity	Around 700 pieces/h for 12 Pin flat cable
Wire Range	Flat cable AWG#30～AWG#18;　　Electronic wire AWG#28～AWG#18
Insulated wire Length	45～600mm(May be customized)
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	A: 0.1～5mm; B: 0.1～10mm
Max. wire width	28mm
Wire Twisting Length	3～8mm
Max. wire pins	24 pin
Power & Air Supply	AC 220V, 50Hz, Single phase, 0.5Mpa
Dimension	940mm*1100mm*1850mm
Weight	About 500Kg
Functions	Wire cutting, splitting & stripping, tining and terminal crimping.

HH-555 Fully-automatic Flat Cable Double Ends Terminal Crimping Machine

Operating Videos

HH-555   https://youtu.be/536h9eWkwAc

Optional Accessories

※ Wire Feeding Device
※ Crimping Force Monitor

※ Transferring Conveyor

Product Description

※　HH-555 adopts flat cable double ends terminal crimping mode to realize its functions. The machine adopts servo motors and Taiwan guide rail and screw rod, etc., to make the machine durable, accurate and efficient. The touch screen setting is adopted to realize the easy function conversion, which is simple and convenient.
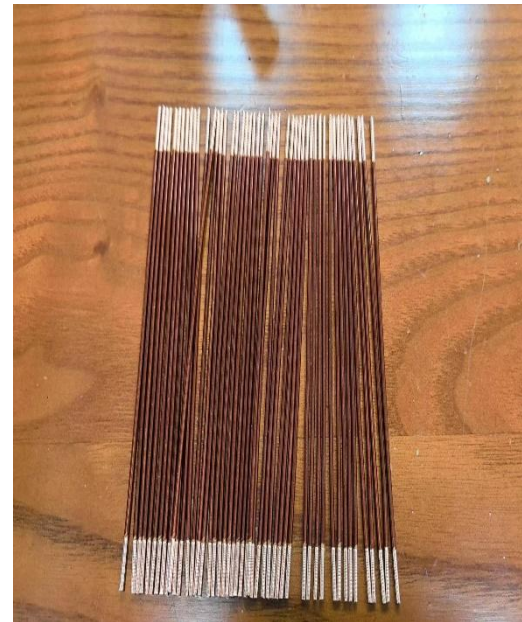
Product Features

※　Wide applying range: PH、XH、EH、ZH、SCN、SM、VH, DuPont and other strip connector and communicating terminal;

※　Good stability: eccentric shaft and cam transmission structure, balance crimping force, tide crimping effect, and high rate of finished products;

※　High precision: servo motor driver control the movement of the ribbon cable, high precise terminal crimping control;

※　Crimping mode: the crimping direction on the two ends of the wire can be changed by steering structure;

※　Automation: wire dividing, cutting, stripping, crimping are finished at the same time without any labor force, and save the production cost;

※　Simple operation: parameters setting by touching the screen, the operation is easy to learn, one worker can operate several machines at the same time.

Technical Parameters

Machine Model	HH-555 Fully-automatic Flat Cable Double Ends Terminal Crimping Machine
Display Language	English
Max. Capacity	Around 800 pieces/h for 12 Pin 100mm flat cable
Wire Range	Flat cable AWG#30 ~ AWG#18; Electronic wire AWG#28 ~ AWG#18
Insulated wire Length	60 ~ 1000mm(May be customized)
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	A: 0.1 ~ 8mm; B: 0.1 ~ 10mm
Max. wire width	24mm
Wire OD	0.8 ~ 2.5mm
Max. wire pins	24 pin
Power & Air Supply	AC 220V, 50Hz, Single phase, 0.5Mpa
Dimension	1450mm*1900mm*1735mm
Weight	About 470Kg

HH-455 Fully Automatic Enamelled Wire Cutting and Stripping Machine

Product Features

※ 7-inch computer touch screen, English operation menu, easy to learn and use.
※ Program and materials' change with high speed, high efficiency, high precision, high speed and convenient maintenance.
※ The machine adopts servo control: 3 sets of servo motor / drive ;
※ Full CNC debugging: bending angle, cutting length, peeling length ;
※ The machine mechanism is compact, the operating movement is flexible and the operation is safe.

Technical Parameters

Model	HH-455 Fully Automatic Enamelled Wire Cutting and Stripping Machine
Display Language	English
Wire Size	OD0.5mm～OD3.0mm (customization is accepted)
Cutting Length	1~9999mm
Stripping Length	1~200mm at A side, 1~100mm at B side (customization is accepted)
Capacity	3000pcs/h (100mm length cutting, wire diameter 2.0mm, and stripping length 10mm)
Mode of Control	Touch Screen and Programmable controller
Cutting Precision	< ± (0.1+0.005*L), L= Cutting Length
Stripping Precision	±1mm
Power and Air	220V, 50/60HZ, single phase；0.3～0.6mpa dry and clean air
Dimension	2650mm(length)*400mm(width)*1120mm(height)
Weight	About 100Kg

HH-445 Computerized Cutting and Stripping Machine for 240mm² Cable

Optional Accessories

※ Wire Feeding Device   ※ Transferring Conveyor

Product Description

※ HH-445 is a new type of cable processing equipment controlled by microcomputer, which is mainly aimed at the processing of new energy charging gun, electric power and other large industrial cables. The introduction of this machine has completely solved the processing problem of large square wires. It can strip wires up to 240mm².

Product Features

※ Automaticaly cutting, stripping at both ends, and multi-layer stripping at one time;

※ Industrial-grade control chip combined with high-precision servo drive enables the machine to run stably and at high speed;

※ PLC control system, touch screen operation mode;

※ Belt drive without any indentation or pressing marks;

※ It can easily process less than 240 mm² of cable, and its strong power is the guarantee to improve work efficiency.

Technical Parameters

Machine Model	HH-445 Computerized Cutting and Stripping Machine for 240mm² Cable
Display Language	English
Max. Capacity	Around 500～800 pieces/h
Wire Range	Automatic adjustment and no need to change cutters for different sizes of cables
Insulated wire Length	10～9999mm
Cutting Precision	＜ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	A: 1～200mm; B: 1～800mm
Data Storage	0-99 processing data
Nozzle Diameter	8～45mm
Drive Mode	12 wheels independently driven
Wheel Pressing Setting	Motor drive, digital control of pressing force
Power & Air Supply	AC 220V, 50/Hz, 2KW, Single phase, 0.5Mpa
Dimension	1300mm*600mm*1200mm
Weight	About 500Kg

HH-440 Computerized Cutting and Stripping Machine for 120mm² Cable

Operating Videos

HH-440   https://youtu.be/KC_xbhy5_jU

Optional Accessories

※ Wire Feeding Device   ※ Transferring Conveyor

Product Description

※ HH-440 is a new type of cable processing equipment controlled by microcomputer, which is mainly aimed at the processing of high voltage power wires used in new energy motors, charging stations, electronic controls and batteries. The introduction of this machine has completely solved the processing problem of large square wires.
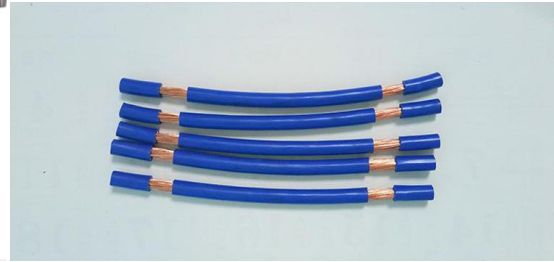
Product Features

※ Automatically cutting, stripping at both ends, and multi-layer stripping at one time;

※ Industrial-grade control chip combined with high-precision servo drive enables the machine to run stably and at high speed;

※ PLC control system, touch screen operation mode;

※ Belt drive without any indentation or pressing marks;

※ It can easily process less than 120 mm² of cable, and its strong power is the guarantee to improve work efficiency.

Technical Parameters

Machine Model	HH-440 Computerized Cutting and Stripping Machine for 120mm² Cable
Display Language	English
Max. Capacity	Around 500 ~ 900 pieces/h
Wire Range	6mm² ~ 120mm²
Insulated wire Length	10 ~ 9999mm
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	A: 1 ~ 200mm; B: 1 ~ 120mm
Data Storage	0-99 processing data
Nozzle Diameter	6 ~ 28mm
Drive Mode	8 wheels independently driven
Wheel Pressing Setting	Motor drive, digital control of pressing force
Power & Air Supply	AC 220V, 50/Hz, 2KW, Single phase, 0.5Mpa
Dimension	1300mm*800mm*1200mm
Weight	About 450Kg

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HH-435 Computerized Cutting and Stripping Machine for 35mm² Cable

Operating Videos

HH-435   https://youtube.com/shorts/rXyzlcaDTPw

Product Features

※ This machine supports a variety of working modes, long wire, short wire, sheath cable and multi-section stripping function, one machine can complete the stripping requirements of a variety of wires;

※ Display mode: touch screen display interface, which can be switched between Chinese and English;

※ This machine uses PLC control system to send pulse, so as to improve the accuracy of wire cutting;

※ Belt drive without any indentation or pressing marks;

※   Mode of operation: it can realize semi-automatic manual operation of length measurement, cutting, multi-layer stripping, and intermediate stripping, convenient to operate.

Technical Parameters

Machine Model	HH-435 Computerized Cutting and Stripping Machine for 35mm² Cable
Display Language	English
Max. Capacity	Around 1200 pieces/h
Wire Range	6mm² ~ 50mm²
Insulated wire Length	1 ~ 9999mm
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	A: 1 ~ 200mm; B: 1 ~ 100mm
Wire Types	Cable, PVC cable, glass wire, multi-core cables
Nozzle Diameter	6 ~ 18mm
Drive Mode	8 wheels independently driven
Wheel Pressing Setting	Motor drive, digital control of pressing force
Power & Air Supply	AC 220V, 50/Hz, 750W, Single phase, 0.5Mpa
Dimension	1200mm*630mm*430mm
Weight	About 100Kg

HH-433 Computerized Cutting and Stripping Machine for 2.5mm² Double Thin Wires
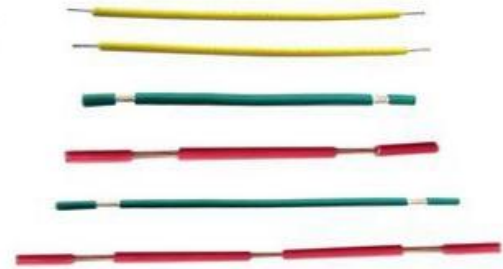
Product Features

※ This machine features computerized control, easy button operation, stable working performance. And it can process 2 wires at the same time with high efficiency;

※ The length of wire head, wire end and total can be set as required within the range;

※ The speed of wire feeding, wire cutting and stripping could be separately set to reach the best effect of stripping;

※ It has the function of setting total quantity, batch quantity, time delay, and intermediate stripping, etc.;

※ Motor driver has high precision and long service life, and the system can store 99 kinds of different wire data.

Technical Parameters

Machine Model	HH-433 Computerized Cutting and Stripping Machine for 2.5mm² Double Wires
Display Language	English
Max. Capacity	Around 6000～15000 pieces/h
Wire Range	0.1mm²～2.5mm²
Cutting Length	10～9999mm
Cutting Precision	＜ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	1.0～30mm (Customization is accepted)
Cutter Material	Tungsten steel and high speed steel
Feeding Speed	2m/s
Drive Mode	4 wheels driven
Power & Air Supply	AC 220V, 50/Hz, 300W
Dimension	420mm*340mm*280mm
Weight	About 30Kg

HH-432 Computerized Cutting and Stripping Machine for Flat Sheathed Cable

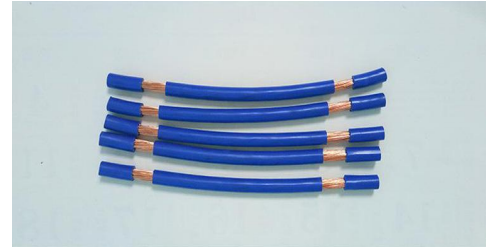HH-432   https://youtu.be/LCCtEtEpXhE

Product Features

※ This machine features computerized control, easy button operation, stable working performance. It is designed for processing the flat sheathed cable by stripping the sheath and inner cores;

※ The length of wire head, wire end and total can be set as required within the range;

※ The speed of wire feeding, wire cutting and stripping could be separately set to reach the best effect of stripping;

※ It has the function of setting total quantity, batch quantity, time delay, and intermediate stripping, etc.;

※ Motor driver has high precision and long service life, and the system can store 99 kinds of different wire data.

Technical Parameters

Machine Model	HH-432 Computerized Cutting and Stripping Machine for Flat Sheathed Cable
Display Language	English
Max. Capacity	Around 1000～3000 pieces/h
Inner Cores Range	0.1mm² ～ 2.5mm²
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	Sheath（wire head 1.0～200mm; wire tail 1.0～150mm）
	Inner cores（wire head/tail 1.0～100mm）
Cutter Material	Tungsten steel and high speed steel
Feeding Speed	0.7m/s
Drive Mode	4 wheels driven
Power & Air Supply	AC 220V, 50/Hz, 300W, 0.4～0.5Mpa
Dimension	420mm*345mm*300mm
Weight	About 31Kg

HH-430 Computerized Cutting and Stripping Machine for Cable under 16mm²

Operating Videos

HH-430   https://youtu.be/qw9f8RD9QfA

Product Features

※ This machine features computerized control, easy button operation, stable working performance. It is designed for processing the middle size wire by automatic cutting and stripping;

※ The length of wire head, wire end and total can be set as required within the range;

※ The speed of wire feeding, wire cutting and stripping could be separately set to reach the best effect of stripping;

※ It has the function of setting total quantity, batch quantity, time delay, and intermediate stripping, etc.;

※ Motor driver has high precision and long service life, and the system can store 99 kinds of different wire data.

Technical Parameters

Machine Model	HH-430 Computerized Cutting and Stripping Machine for Cable under 16 mm²
Display Language	English
Max. Capacity	Around 1500～3000 pieces/h
Wire Range	0.1mm²～16mm²
Cutting Precision	‹ ± (0.1+0.005*L), L= Cutting Length
Stripping Length	1.0～30mm （Customization is accepted)
Cutter Material	Tungsten steel and high speed steel
Feeding Speed	0.8m/s
Drive Mode	4 wheels driven
Power	AC 220V, 50/Hz, 450W
Dimension	420mm*345mm*300mm
Weight	About 33Kg

HH-428 Computerized Cutting,Stripping and Twisting Machine for Double Wires
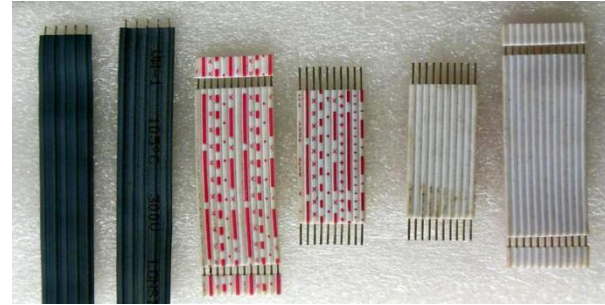
Product Features

※ This machine features computerized control, easy button operation, stable working performance. It is designed for processing the double wires by automatic cutting, stripping and twisting;

※ The length of wire head, wire end and total can be set as required within the range;

※ The speed of wire feeding, wire cutting and stripping could be separately set to reach the best effect of stripping;

※ It has the function of setting total quantity, batch quantity, time delay, and intermediate stripping, etc.;

※ Motor driver has high precision and long service life, and the system can store 99 kinds of different wire data.

Technical Parameters

Machine Model	HH-428 Computerized Splitting, Cutting and Stripping Machine for Flat/ribbon Cable
Display Language	English
Max. Capacity	Around 4000～10000 pieces/h
Wire Range	0.1mm²～2.5mm²
Cutting Precision	＜±(0.1+0.005*L), L= Cutting Length
Stripping Length	1.0～30mm （Customization is accepted）
Cutter Material	Tungsten steel and high speed steel
Feeding Speed	1.5m/s
Drive Mode	4 wheels driven
Power	AC 220V, 50/Hz, 300W
Dimension	420mm*320mm*400mm
Weight	About 35Kg

HH-420 Computerized Splitting, Cutting and Stripping Machine for Flat/Ribbon Cable

Operating Videos

HH-420　https://youtu.be/XB3oJ-GK75w

Product Features

※ This machine features computerized control, easy button operation, stable working performance. It is designed for processing the flat/ribbon wires by automatic splitting(punching or slide cutting), cutting and stripping;

※ The length of wire head, wire end and total can be set as required within the range;

※ The speed of wire feeding, wire cutting and stripping could be separately set to reach the best effect of stripping;

※ It has the function of setting total quantity, batch quantity, time delay, and intermediate stripping, etc.;

※ Motor driver has high precision and long service life, and the system can store 99 kinds of different wire data.

Technical Parameters

Machine Model	HH-420 Computerized Cutting, Splitting and Stripping Machine for Flat/Ribbon Cable
Display Language	English
Max. Capacity	Around 1000～3000 pieces/h
Wire Range	AWG28～AWG24, 1～16pins
Cutting Precision	＜±(0.1+0.005*L), L= Cutting Length≥30mm
Splitting Length	1.0～200mm
Stripping Length	1.0～30mm（Customization is accepted）
Cutter Material	Tungsten steel and high speed steel
Feeding Speed	0.7m/s
Drive Mode	4 wheels driven
Power&Air Supply	AC 220V, 50/Hz, 300W,0.3Mpa～0.5Mpa
Dimension	460mm*300mm*345mm
Weight	About 31Kg

HH-405 Wire Stripping and Twisting Machine
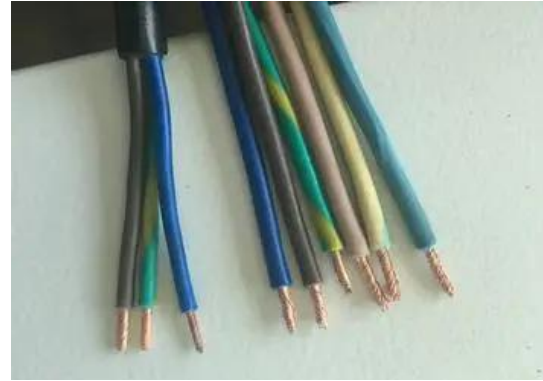
Product Features

※ The electric pedal switch control is adopted to reduce the labor intensity of workers' efficiency, as it is easy to operate, and greatly improve the work efficiency;

※ The cutter is improved to ordinary double-blade, which has a v-shaped mouth, the effect of wire stripping and twisting is better, and it is easier to replace;

※ The advantage is that it can easily strip and twist wire between AWG18 to 10AWG, the required wire length is above 5mm.

Technical Parameters

Model	HH-405 Wire Stripping and Twisting Machine
Wire Gauge	AWG18～AWG10
Stripping Length	0.1mm～45mm
Twisting Length	3mm～45mm
Dimension	320mm*180mm*170mm
Weight	About 12Kg
Voltage	AC 220 50/60HZ
Rated Power	30W
Air Supply	0.5~0.7Mpa, -5℃～45℃, dry and stable table
Applied Wires	Power cords, Electronic wires, Multi-cores cable, etc.

HH-400A/B/C Computerized Cutting and Stripping Machine for Coaxial Cable

Operating Videos

HH-400A   https://youtu.be/ZWU9N3V2h0c

HH-400B   https://youtu.be/4TExrJXBx84

HH-400C   https://youtu.be/4cVNK4poVyk
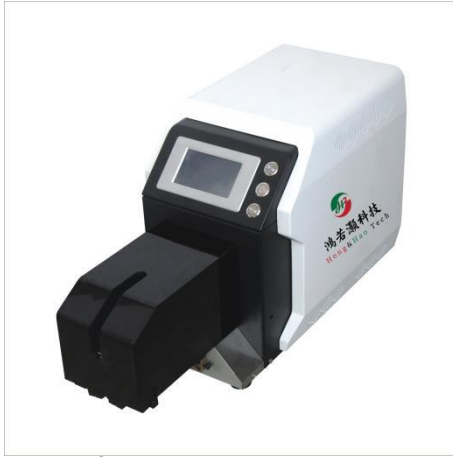
Product Features

※ HH-400A/B/C are mainly used for multi-layer stripping of small/middle/large sizes of co- and tri-axial cable, multi-core cable and single wire etc.;

※ Using touch screen interface to digital input stripping depth/speed/distance and rotating time, etc.，it may save up to 99 kinds of processing data;

※ The most advanced rotary tool holder is adopted to improve the processing precision and speed;

※ By using a specific axis positioning device and rotary tool, HH-400 series can strip up to 10 layers coaxial cable and various types of wires without changing the blades;

※   Wire clamping device can do automatic centering, driven by motor, and its clamping strength is controlled by program.

Technical Parameters

Model	HH-400A	HH-400B	HH-400C
Wire Diameter	Φ0.85～Φ7.0mm	Φ1.5～Φ15mm	Φ3.5～Φ23mm
Capacity	700～1200pcs/h	600～700pcs/h	600～700pcs/h
Stripping Length	0.1mm～53mm	0.1mm～85mm	0.1mm～200mm
Dimension	540mm*230mm*330mm	640mm*260mm*375mm	960mm*285mm*380mm
Weight	About 30Kg	About 34Kg	About 51Kg
Cutting Precision	0.01mm		
Voltage	AC 220/110V 50/60HZ		
Stripping method	Rotary Cutter		
Clamping strength	Controlled by motor with 10 different levels		
Stripping Layers	Max. 10 layers		
Cutter Material	Import Tungsten Steel		
Noise decibel	50dB(A)		
Display Language	English		
Working Environment	-5℃～45℃, dry and stable table		

HH-400Z1/Z2 Fully-automatic Cutting and Stripping Machine for Coaxial Cable

Product Features

HH-400Z2 https://youtu.be/jIofMEPWxMs

HH-400Z3 https://youtu.be/eK9wFSCbZhk OD 3~32mm high voltage cable

Product Features

※　HH-400Z1/Z2 are mainly aimed at automatic cutting of communication cable (thin/thick cable) and multi-layer stripping at both ends without damaging the conductor;

※　Using touch screen interface to digitally input stripping depth/speed/distance,rotating time, etc., and the cutting and stripping is very neat and clear;

※　HH-400Z series adopt rotary cutter and V-shaped blades to cooperate with each other, which has high precision, high speed and good stability;

※　By using a specific axis positioning device and rotary tool, HH-400 series can strip up to 9 layers coaxial cable and various types of wires without changing the blades;

※　 Wire clamping device can do automatic centering, driven by motor, and its clamping strength is controlled by program.

Technical Parameters

Model	HH-400Z1	HH-400Z2
Wire Diameter	Φ0.64～Φ3.5mm	Φ1.37～Φ5.5mm (customized up to 12mm)
Cutting Length	20mm～9999mm	45mm～9999mm
Stripping Length	0.1mm～40mm	0.1mm～60mm
Motor	850W	
Capacity	450～600pcs/h	
Cutting Precision	0.01mm	
Voltage	AC220 50/60HZ	
Stripping method	Rotary Cutter+V Blades	
Stripping Layers	Max. 9 layers	
Cutter Material	Import Tungsten Steel+ Import High Speed Steel	
Display Language	English	
Working Environment	-5℃～45℃, dry and stable working table	
Dimension	970mm*770mm*560mm	
Weight	About 102Kg	

HH-390 Continuous Wire Stripping and Terminal Crimping Machine

Operating Videos

HH-390　https://youtube.com/shorts/hVL8-Ctogvg　　16 inner cores
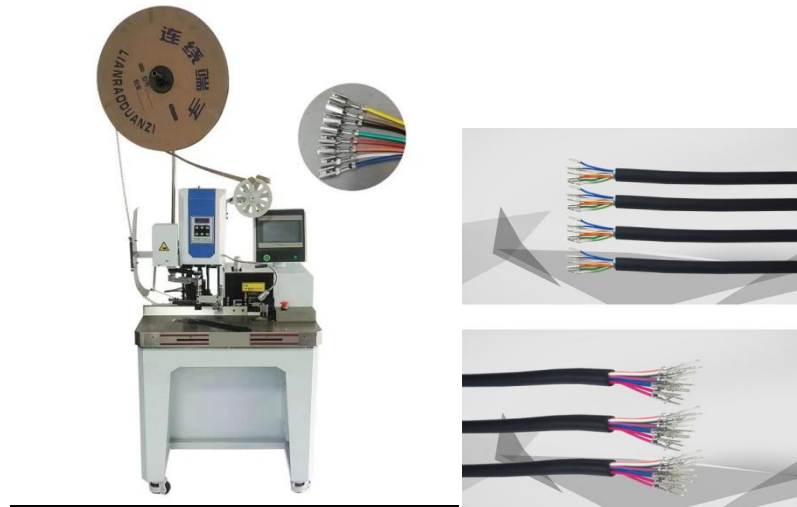
HH-390　https://youtu.be/BjGzOS8BB4k　　6 inner cores

Product Features

※　The use of advanced electronic control technology, equipped with high-precision control module and transmission mechanism, so that multi-core wire stripping and terminal crimping can be completed at one time. It has the characteristics of low noise, low power consumption, high efficiency and so on;

※　The applicator is changeable and the stripping depth is adjustable. It can be used for independent stripping and terminal crimping. It has strong production applicability and is suitable for terminal crimping of inner cores of sheathed cable between AGW28 to AWG16;

※　Adopts PLC program control, 7-inch touch screen interface, stripping motor translating by screw rod with fast speed and accurate positioning, and durable pneumatic and air valve;

※　It does clean stripping and accurate crimping, sets up singles and continuous 2 to 12 cores crimping, and adjusts the working speed through the touch screen, as well as equips with wire scraps collection device.

Technical Parameters

Model	HH-390 Continuous Wire Stripping and Terminal Crimping Machine
Display Language	English
Wire Diameter	Φ0.8～Φ4mm
Inner core no.	2～18 pins
Capacity	12 inner cores：5500 pcs/h
Sheath Stripping Length	Min. 30mm
Stripping Length	1.0～10mm
Cutting Precision	0.05～0.1mm
Positioning Precision	0.05～0.1mm
Power and Air Supply	220V, 50/60HZ, single phase；0.3～0.6mpa dry and clean air
Crimping Force	2T
Stroke	30mm
Terminal Type	Horizontal or End-feed Linked Terminals
Dimension	650mm*800mm*1450mm
Weight	About 95Kg

HH-380 Servo Wire Stripping and Terminal Crimping Machine

Operating Videos

HH-380   https://youtu.be/h2rZvi4ETnc

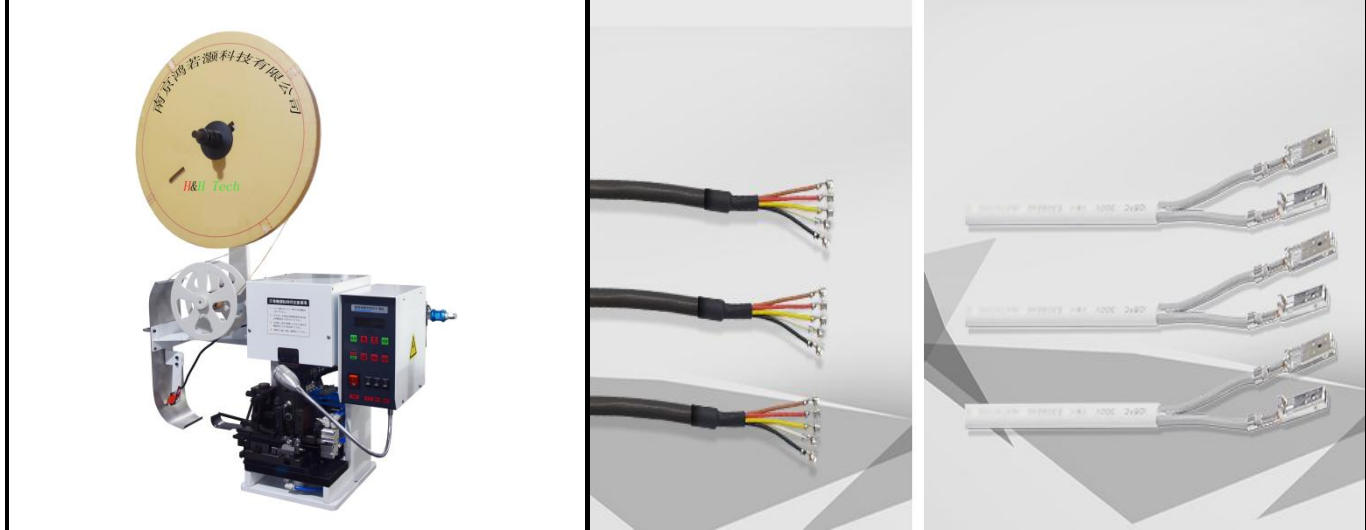HH-380   https://youtu.be/DgY9Fw1qoUc
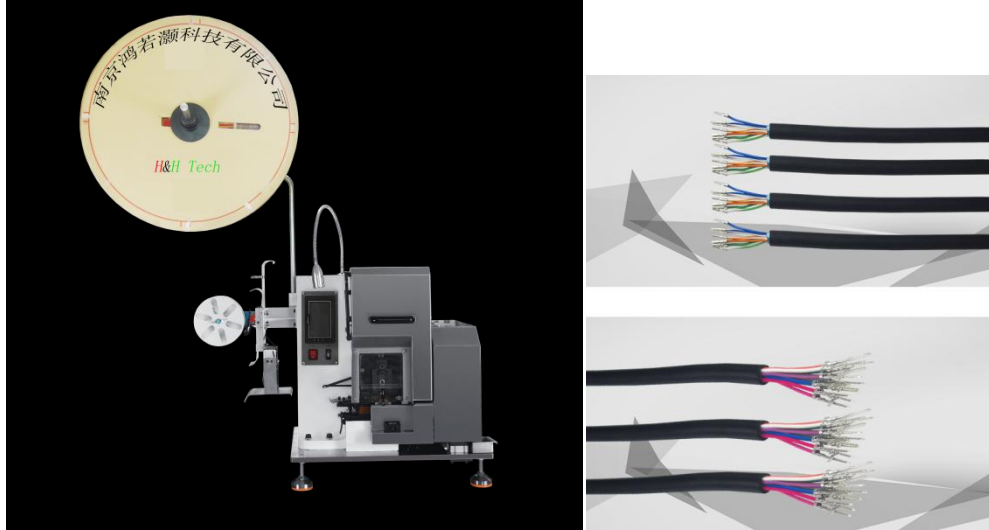
Product Features

※ This horizontal stripping and terminal crimping machine adopts Mitsubishi servo motor, with strong applicator versatility, like JAM applicator, TE applicator, OTP, European Applicator, etc., can simply realize wire clamping, stripping, cutting and terminal crimping;

※ Modular structure: easy to adjust and maintain, divided into crimping part, stripping part and wire clamping part;

※ The whole machine is controlled by PLC, and all movements can be controlled separately, so it is more convenient to debug.

Technical Parameters

Model	HH-380 Servo Wire Stripping and Terminal Crimping Machine
Display Language	English
Wire Size	AWG26～AWG18
Wire Length	Min.35mm
Wire Range	AV,AVS,AVSS,CAVUS,KV,KIV,UL,Teflon, Fiber, etc.
Terminal Type	Horizontal Linked Terminals
Terminal Length	2.0～20.0mm
Cutting Precision	0.05～0.1mm
Positioning Precision	0.05～0.1mm
Stripping Length	1.0～10.0mm
Crimping Force	2T
Stroke	30mm
Applicator Model	OTP Horizontal, European Pneumatic Horizontal Applicator
Crimping Drive Mode	Inverter drive and AC motor
Power and Air Supply	220V, 50/60HZ, single phase；0.3～0.6mpa dry and clean air
Dimension	730mm*350mm*700mm
Weight	About 100Kg

HH-370 Horizontal (Side-feed) Wire Stripping and Terminal Crimping Machine

Operating Videos

HH-370   https://youtu.be/ul7thFiekR4

HH-370   https://youtu.be/9DQgNVltnD8

HH-370   https://youtu.be/w1no12eFHBA

Product Features

※ The advanced frequency conversion technology is adopted to carry out precision control of the variable speed motor, equipped with high precision control module and transmission structure, so that the stripping and terminal crimping can be completed at one time, and it features low noise, low power consumption and high speed. It makes remarkable effect to the thin wire and inner cores of sheathed and shielded cable;

※ With high speed and accurate positioning, the wire stripping action is driven by a cylinder, and the stripping scraps is done by vacuum suction. The crimping machine is driven by gear deceleration, so it has enough force and accurate position.The working speed can be changed through the operation panel;

※ The pneumatic parts are all from Taiwan AirTAC, they are durable and accurate, suitable for all kinds of horizontal disc(linked) terminals.

Technical Parameters

Model	HH-370 Horizontal(Side-feed) Wire Stripping and Terminal Crimping Machine
Display Language	English
Wire Size	AWG32～AWG20
Wire Length	Min.35mm
Wire Range	AV,AVS,AVSS,CAVUS,KV,KIV,UL,Teflon, Fiber, etc.
Terminal Type	Horizontal Linked Terminals
Cutting Precision	0.05～0.1mm
Positioning Precision	0.05～0.1mm
Stripping Length	1.0～10.0mm
Crimping Force	1.5T(2T、3T、4T is optional)
Stroke	30mm
Power and Air Supply	220V, 50/60HZ, single phase；0.3～0.6mpa dry and clean air
Dimension	530mm*400mm*830mm
Weight	About 70Kg

HH-365 Wire Stripping and Ferrule/Pin Crimping Machine

Operating Videos

HH-365　　https://youtu.be/14iPV9aqeEE

HH-365　https://youtu.be/DdkUpI8Ma0o 6 square mm Tubular Terminals

HH-365　https://youtu.be/LIFK_GoSKMs Golden needle aviation pin terminal

Product Features

※　For the sake of operators, this machine is a ferrule crimping machine with high performance-to-price ratio and high quality.

※　It realizes integrated process of ferrule feeding, wire cutting and stripping, ferrule inserting and ferrule crimping.

※　It features touch screen operation and digital adjustment, which means the setting parameters can be called directly if saved before ;

※　Integral enclosed appearance design, both pneumatic and electric drive ;

※　The machine mechanism is compact, the operating movement is flexible and the operation is safe;

※　Automatic trigger to start, fast and convenient and high production efficiency.

Technical Parameters

Model	HH-365 Wire Stripping and Ferrule/Pin Crimping Machine
Display Language	English
Wire Size	0.3～4mm²(Max. crimping length is 12mm)
Wire Length	Min.40mm
Capacity	1000～1300pcs/h (2.5s for 4 movements of rotary stripping, twisting,ferrule inserting and ferrule crimping)
Mode of Control	Touch Screen and Programmable controller
Cutting Precision	0.05～0.1mm
Positioning Precision	0.05～0.1mm
Wire Clamping	Motor drive, clamping force controlled by program
Crimping Force	Motor drive, crimping force controlled by program
Data Storage	100 processing data
Power and Air Supply	220V, 50/60HZ, single phase；0.3～0.6mpa dry and clean air
Dimension	430mm*505mm*425mm
Weight	About 68Kg

HH-360 Vertical (End-feed) Wire Stripping and Terminal Crimping Machine

Operating Videos

HH-360 https://youtu.be/q1i9NMad3sM

HH-360 https://youtu.be/aodwz8KkspE flag terminal+CFM

HH-360 https://youtu.be/BCbd6-JLdbY Ring terminal

Product Features

※ The advanced frequency conversion technology is adopted to carry out precision control of the variable speed motor, equipped with high precision control module and transmission structure, so that the stripping and terminal crimping can be completed at one time, and it features low noise, low power consumption and high speed. It makes remarkable effect to the inner cores of power cable;

※ With high speed and accurate positioning, the wire stripping action is driven by a cylinder, and the stripping scraps is done by vacuum suction. The crimping machine is driven by gear deceleration, so it has enough force and accurate position.The working speed can be changed through the operation panel;

※ The pneumatic parts are all from Taiwan AirTAC, they are durable and accurate, suitable for all kinds of vertical disc(linked) terminals.

Technical Parameters

Model	HH-360 Vertical(End-feed) Wire Stripping and Terminal Crimping Machine
Display Language	English
Wire Size	AWG24～AWG16
Wire Length	Min.35mm
Wire Range	AV,AVS,AVSS,CAVUS,KV,KIV,UL,Teflon, Fiber, etc.
Terminal Type	Vertical Linked Terminals （Vibrating disc is optional）
Cutting Precision	0.05～0.1mm
Positioning Precision	0.05～0.1mm
Stripping Length	1.0～10.0mm
Crimping Force	3T
Stroke	50mm
Power and Air Supply	220V, 50/60HZ, single phase；0.5～0.6mpa dry and clean air
Dimension	450mm*500mm*1000mm
Weight	About 100Kg

HH-355 Mute Terminal Crimping Machine

Product Features

※ This machine adopts advanced frequency conversion control, simple transmission mechanism, stable crimping performance, jog operation, wide height adjustment range and saving adjustment time;

※ Equipped with high precision imported proximity switch, reducer, agile and accurate terminal feeding, high efficiency;

※ The built-in function is rich, the crimping speed, crimping force and times are adjustable, and it is equipped with electronic counting;

※ Energy-saving, low noise, crimping force monitor and safety cover can be installed, is the first choice for the pursuit of performance-to-price ratio;

※ It is suitable for all kinds of terminals such as computer terminals, DC terminals, AC terminals, single-grain terminals, disc terminals and so on.

Technical Parameters

Model	HH-355-1.5T	HH-355-2T	HH-355-4T	HH-355-8T	HH-355-12T
Crimping Force	1.5T	2T	4T	8T	12T
Rated Power	0.55KW	0.75KW	1.5KW	3KW	3.6KW
Stroke	30mm/40mm	30mm/40mm	30mm/40mm	30mm/40mm	30mm/40mm
Power	220V, 50HZ	220V, 50HZ	220V, 50HZ	220V, 50HZ	220V, 50HZ
Dimension	245mm*240mm*620mm	270mm*260mm*640mm	310mm*270mm*710mm	300mm*380mm*820mm	300mm*380mm*820mm
Weight	46Kg	55Kg	75Kg	140Kg	150Kg

HH-350W/D/C Hexagonal Shape Terminal Crimping Machine

Product Features

※ It is suitable for crimping operation of non-standardized terminals and lug terminals;

※ It does not need to change applicator, and its servo control system boasts high accuracy;

※ Its open crimping die is suitable for intermediate junction and new energy right-angle terminals；

※ It can adjust the crimping position of the die for actual wire, with more clearer view；

※ It features compact structure, space saving and low working noise.

Technical Parameters

Model	HH-350W Elbow Hexagon-shape Crimping Machine	HH-350D Hexagon-shape Crimping Machine	HH-350C Hexagon-shape Crimping Machine
Display Language	English	English	English
Wire Size	6mm²～120mm²	10mm²～240mm²	2.5mm²～35mm²
Max. Diameter	38mm	47mm	26mm
Crimping Width	12.5mm	30mm	8mm
Crimping Force	200KN	500KN	80KN
Rated Power	2300W	3600W	1500W
Power and Air Supply	220V, 50HZ	220V, 50HZ	220V, 50HZ
Dimension	700mm*860mm*1260mm	740mm*650mm*1030mm	560mm*370mm*300mm
Weight	About 160Kg	About 325Kg	About 80Kg

HH-350S 30T Servo Terminal Crimping Machine

Operating Videos

HH-350S https://youtu.be/nA7mFutB_Jo

HH-350S https://youtube.com/shorts/qMEKqHWaSRA pin

HH-350S https://youtube.com/shorts/XIjfp2u3KtU

Product Features

※ It is suitable for crimping operation of non-standardized terminals and lug terminals;

※ Its servo control system boasts high accuracy;

※ It is suitable for intermediate junction and new energy right-angle terminals；

※ Mode of operation: The touch screen selects the set program and automatically adjusts the loosening and tightness of the applicator；

※ It features compact structure, space saving and low working noise.

Technical Parameters

Model	HH-350S 30T Servo Terminal Crimping Machine
Display Language	English
Wire Size	2.5-95mm ²
Stroke	30mm
Applicators	hexagonal applicator, quadrilateral applicator, etc.
Crimping Force	300KN
Rated Power	2300W
Operating Mode	Manual/Foot Pedal
Capacity	600-1200Pcs/h (depending on manual proficiency)
Power and Air Supply	220V, 50HZ
Dimension	750mm*720mm*1400mm
Weight	About 340Kg

HH-346 Mute Copperbelt Splicing Machine

Operating Videos

HH-346   https://youtu.be/HgeDhPhniPU

Product Features

※ This machine is specially designed for wire conductors that need copperbelt splicing processing, with high speed and good quality;

※ Using high-tech frequency conversion technology, electronic accurate positioning, the working noise of the motor during splicing is lower than that of the traditional copper belt machine, and it saves electricity, adjusts the mode more conveniently and quickly, and avoids the common faults such as clutch and electromagnet of the traditional copper belt machine;

※ Splicing method to connect wire conductors, instead of traditional soldering method, without the disadvantages of cold soldering, non-soldering and air pollution. It is a simple and effective way to pass various safety specification tests (UL\ JIS);

※ The use of special continuous copper belt terminal (patent is on record, please do not counterfeit) material after cutting, forming, splicing completed at one time, it is quick and no waste, as well as saving cost;

※ Because of special grain treatment, after splicing, the copper belt terminal has strong tensile strength and stable quality;

※ Equipped with bending die seat for the connection of different products. Humanized design, can be operated with little training.

Technical Parameters

Model	HH-346 Mute Copperbelt Splicing Machine
Display Language	English
Splicing Force	1.8T
Copperbelt Size	2mm/4mm/6mm
Stroke	10mm
Feeding Mode	Mechanical Feeding
Power and Air Supply	220V, 50HZ, 250W, 0.5～0.7Mpa
Dimension	370mm*350mm*470mm
Weight	About 50Kg

HH-X0 Wire Ultrasonic Welding Machine

HH-X0   https://youtube.com/shorts/zAxLBp05e0g   wire ultrosonic welding machine
HH-X0   https://youtube.com/shorts/4u2luPG0sxY
HH-X0   https://youtube.com/shorts/orj6KLl_gGs

Product Features

※ Exquisite structure, light and beautiful, using pure cylinder motion system, easy to use and operate;

※ Support multiple welding modes;

※ The welding can be carried out by adjusting to the required size of welding;

※ At the same time, it has the function of preventing empty welding, which can effectively prevent the damage of welding head;

※ The welding power can be monitored in real time during welding, which can effectively ensure the rate of good products during welding.

Technical Parameters

Model	HH-X0 Wire Ultrasonic Welding Machine
Display Language	English
Functions	Wire harness welding, sonic scanning inspection, support for multiple welding modes
Features	Simple operation, low maintenance cost, no need to change molds, small footprint
Wire Range	1-10mm² copper wire, aluminum wire
Power	AC220V 50Hz
Display mode	control and adjustment by touch display
Capacity	About 0.6 seconds/time, according to the welding size
Rated Power	2000W
Dimension	573*220*175mm
Weight	54kg (electric box and equipment together)

Principle and advantages of ultrasonic welding Parameters

Principle:
Ultrasonic metal welding uses high-frequency vibration waves to transmit to the metal surface to be welded. Under pressure, the two metal surfaces are rubbed against each other to form fusion between the molecular layers.

Advantages:
1. Fast, energy saving, high fusion strength, good conductivity.
2. Spark-free, near cold-pressed.

Features:
1. The welding material does not melt and does not destroy the metal properties;
2. Conductive and thermally conductive after welding, and the resistivity is extremely low or close to zero
3. Low requirements for welding metal surface, oxide or electroplating layer can be welded;
4. The connection between dissimilar metals can be realized;
5. There is no spark in welding, fast, environmentally friendly and safe, and automatic control can be realized.

HH-345CS Electrical Tape Spot Wrapping Machine
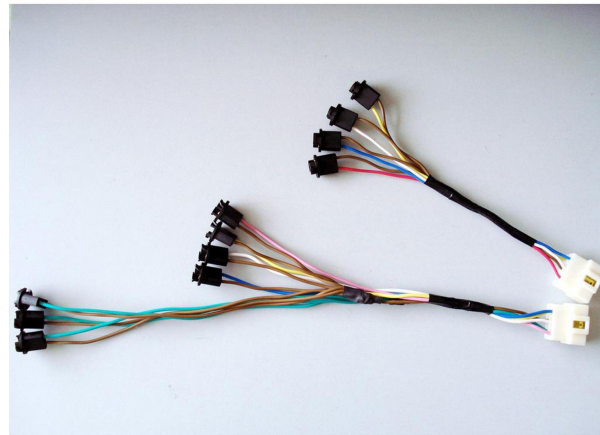
Operating Videos

HH-345CS   https://youtube.com/shorts/-Z06ghuZKEE   electrical driven
HH-345CS   https://youtu.be/kZlpXoNNlik   electrical driven
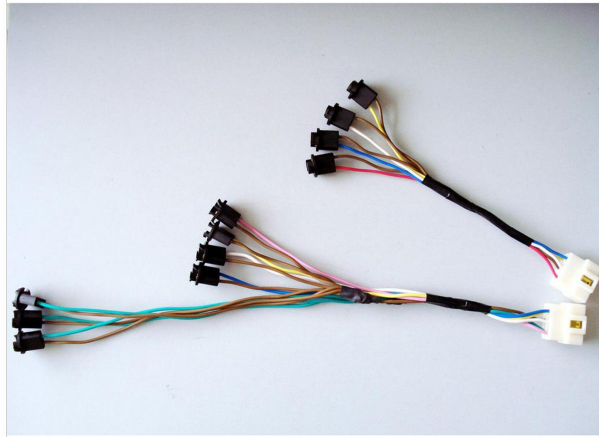HH-345CS   https://youtu.be/K_iO-O4lM_k   electrical driven

Product Features

※ Pure electricty driving the machine, no need of pneumatic air supply;

※ Compatible with different kinds of adhesive tape materials, such as cloth tape, PVC tape, etc.;

※ Keep flat and wrinkle-free, it can ensure that each wrapping of the cloth-based tape overlaps with the previous one;

※ Different forms of wrapping can be switched: point wrapping on the same position, spiral continuous wrapping in different positions；

※ Can realize the setting of lap number and speed, and the function of output display. Blades can be quickly replaced.

Technical Parameters

Model	HH-345CS Electrical Tape Spot Wrapping Machine
Power	AC 220V \ 50Hz
Operation	3.8 inch touchscreen, PLC
Capacity	1200pcs/H
Precision	0.5mm
Tape Width	5-45mm
Forward Tape Length	10-50mm
Cable or Tube Size	0.1-8mm outer diameter
Tape Material	PVC,PET,paper tape,textile tape, cloth tape, flannel tape,etc.
Weight	35Kg
Working Environment	5℃~40℃
Rated Power	220W
Dimension	370mm*495mm*385mm
Wrapping Types	Spot/Point Wrapping
Options	Automatic isolation paper device; cable feed positioning device; contact switch

HH-345F Electrical Tape Spot Wrapping Machine

Operating Videos

HH-345F　https://youtu.be/C7Zjc09bgKw　fixture positioning

HH-345F　https://youtube.com/shorts/c-zRBTqDM7c　ends wrapping at copper conductor

HH-345F　https://youtube.com/shorts/VEZ3gUqaYIs fixture for processing

HH-345F　https://youtube.com/shorts/5yfl-dC99cs　slide ruler bar

Product Features

※　Pure electricty driving the machine, no need of pneumatic air supply, sliding ruler bar is optional;

※　Compatible with different kinds of adhesive tape materials, such as cloth tape, PVC tape, etc.;

※　Keep flat and wrinkle-free, it can ensure that each wrapping of the cloth-based tape overlaps with the previous one;

※　Different forms of wrapping can be switched: point wrapping on the same position, spiral continuous wrapping in different positions；

※　Can realize the setting of lap number and speed, and the function of output display. Blades can be quickly replaced.

Technical Parameters

Model	HH-345F Electrical Tape Spot Wrapping Machine
Display Language	English
Wrapping Types	Spot/Point Wrapping
Operation	4.3 inch touchscreen with PLC
Control Mode	Electricity, no need of air supply
Tape Width	5~20MM
Capacity	800~1200pcs/h, depending on operator's speed
Forward Tape Length	20~60MM
Cable or Tube Size	1~7MM outer diameter
Tape Material	PVC tape,textile tape, cloth tape, felt tape,etc.
Isolation paper tape	Optional
Power	AC 220V \ 50HZ
Rated Power	600W
Dimension	400*350*350mm
Weight	23KG

HH-345CL Tape Continuous Wrapping Machine

Operating Videos

HH-345CL https://youtu.be/zEbHS1timxs

HH-345CL https://youtu.be/l1jTRNpSUV8
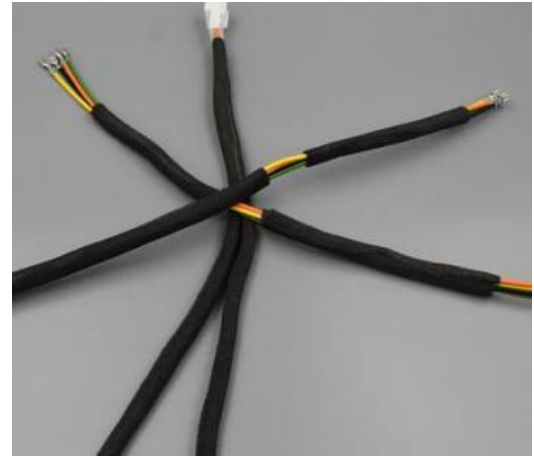
HH-345CL https://youtu.be/j_zxK38muhg

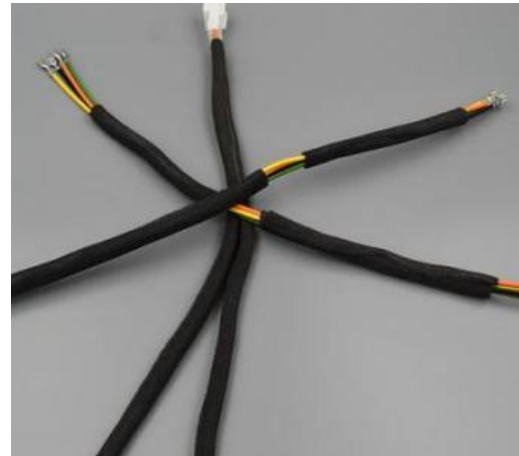HH-345CL https://youtu.be/IkwdAvwNeHY +Pulling device and tractor

Product Features

※ Full wrapping: the adhesive tape overlaps the whole wire harness, and the area of the overlapping is adjustable, for example, the adhesive tape overlaps 1/2, 1/3, 1/4;

※　Point wrapping: the tape wraps a point of the wire harness according to the number of turns, and the number of turns can be set to one turn, two turns or more;

※ Interval wrapping: the tape does not overlap when wrapping the wire harness, and it is separated by a certain distance, and the distance between them is adjustable;

※ The running speed and the number of tape coils can be adjusted by touch screen. Applied tapes are textile tape, cloth-base tape, PVC tape, etc..

Technical Parameters

Model	HH-345CL Continuous Tape Wrapping Machine
Display Language	English
Max. Diameter	Φ30mm
Tape Length	Not limited
Tape Width	‹ 40mm
Cable Outer Diameter	5～25mm
Tape Inner Diameter	Φ32mm～Φ37mm
Power	220V, 50HZ, 250W
Air Supply	0.5～0.6Mpa
Dimension	560mm*500mm*350mm
Weight	About 45Kg

HH-345CLL Tape Full Wrapping Machine with tractor and puller

Operating Videos

HH-345CLL https://youtube.com/shorts/zUV21Tii_W0 +Pulling device and tractor

HH-345CLL https://youtu.be/eC_1KwUM-AY 3:16 time of Pulling device and tractor

HH-345CLL https://youtube.com/shorts/EnS2Z_6UE7A

HH-345F https://youtube.com/shorts/VEZ3gUqaYIs Fixture for processing

HH-345F https://youtube.com/shorts/5yfl-dC99cs slide ruler bar

Product Features

※ Full wrapping: the adhesive tape overlaps the whole wire harness, and the area of the overlapping is adjustable, for example, the adhesive tape overlaps 1/2, 1/3, 1/4;

※   Point wrapping: the tape wraps a point of the wire harness according to the number of turns, and the number of turns can be set to one turn, two turns or more;

※ Interval wrapping: the tape does not overlap when wrapping the wire harness, and it is separated by a certain distance, and the distance between them is adjustable;

※ The running speed and the number of tape coils can be adjusted by touch screen. Applied tapes are textile tape, cloth-base tape, PVC tape，etc..

Technical Parameters

Model	HH-345CLL Tape Full Wrapping Machine with tractor and puller
Display Language	English
Touch Screen	4.7 Inch
Max. Diameter	Φ30mm
Mode of Control	Electricity & Pneumatic
Wire Length	Not limited
Tape Width	5～25mm
Applied tapes	PVC tape, Cloth Tape, Flannel Tape, etc.
Tape Inner Diameter	Φ32mm～Φ38mm, other sizes need to be customized
Tape Outer Diameter	Φ110mm
Power	220V, 50HZ, 600W
Air Supply	0.5～0.6Mpa
Dimension	560mm*500mm*370mm
Weight	About 47Kg

HH-345H Handheld Tape Wrapping Machine

Operating Videos

HH-345H https://youtu.be/LU07n3DbEVU

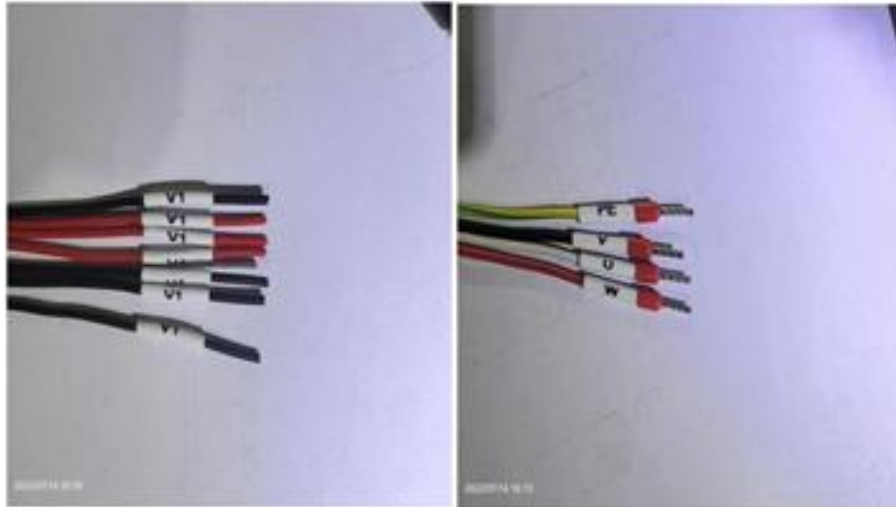HH-345H https://youtu.be/57p16Xgu10I   +seat and wire tractor device

Product Features

※ The lithium battery rechargeable version of the hand-held tape wrapping machine, through the use of button operation of the wire harness for efficient tape wrapping;

※ One machine is for dual-use, one is to be used alone after charging, which is convenient for use in different sites, and the other is to add a desktop fixed base and plug in to operate;

※ The design conforms to the design of ergonomics and dynamics, and the belt is equipped with oblique belt when used independently, which can effectively reduce the fatigue caused by the operator in the process of working for a long time;

※ The speed is adjustable, the machine has five gears and 120 revolutions per minute, which can be used at different speeds according to the demand;

※ The wrapping process of the wire harness is smooth, and the appearance is beautiful and neat;

※ The machine has the knife-edge hiding device and emergency brake device to ensure the safety of operation.

Technical Parameters

Model	HH-345H Handheld Tape Wrapping Machine
Display Language	English
Baterry	126W, 0.6KG,around 5 hours of working per charge
Tape Width	10～25mm
Tape Size	ID33/38mm, Max. OD 110mm, other size may need customization
Tape material	PVC,textile tape, cloth tape, felt tape,etc.
Wrapping Speed	150~500r/minute,5 gear speed to adjust
Cable Outer Diameter	Φ3mm～Φ35mm
Wrapping Speed	Continuous Wrapping, and Spatial Wrapping
Power	220V, 50HZ
Air Supply	0.5～0.6Mpa
Dimension	110mm*160mm*360mm
Net Weight	About 1.75Kg

HH-220 Shrink Tube Cutting, Inserting, Heating and Printing Machine

Operating Videos

HH-220B https://youtube.com/shorts/ObwkVn2iBTs
HH-220B https://youtube.com/shorts/lyiWcNjUSHw +printer
HH-220B https://youtube.com/shorts/elxUyzuxEy4 +laser printer

Product Features

※Industrial automation PLC, man-machine interface control, simple operation, stable work, high efficiency.

※The heat-shrinkable tube is fed automatically, the heating length can be set, and the heating position can be adjusted by positioning device.

※Printing function is added with ribbon print or laser print.

※The production capacity can reach 700-1500 terminals per hour (depending on the manual speed).

※The equipment is compatible, and a variety of cable assembly can be processed by changing rotating disc and fixtures.

※Digital temperature control and abnormal monitoring of heating device. The heating device, when too low air pressure, is protected automatically to prolong the service life.

※To prevent operator adjusting parameters wrongly, the system can be restored with one button click.

Technical Parameters

Model	HH-220 Shrink Tube Cutting, Inserting, Heating and Printing Machine
Power	220V-AC，50/60HZ
Rated Power	1450W
Display	12 inch multi-point capacitive screen
Running time/cycle	2.5 seconds
Control Mode	PLC/ Industrial Computer
HST Range	2.0mmΦ~6.0mmΦ（≥6.0mm to be customized）
HST Processing Length	8MM~35MM（customized rotating disc and fixtures）
Heating Temperature	200℃~380℃（Adjust via the thermostat）
Air Supply	0.55~0.65Mpa, clean and dry air
Cooling mode	Forced air cooling
Dimension	L 740mm*W 640mm*H 1300mm
Weight	82KG

HH-210B Shrinkable Tube Cutting, Inserting and Heating Machine

Operating Videos

HH-210B https://youtube.com/shorts/_19Ug8qaxG4 2-pin varistors

HH-210B https://youtube.com/shorts/rDr4IK1THoM wire-joint crimped terminals

HH-210B https://youtube.com/shorts/qCEzTC61scE long HST on cables

HH-210B https://youtube.com/shorts/XZ68WldLoQQ Ring terminals

HH-210C https://youtube.com/shorts/gSXrsLUSTCI large cable assembly

HH-210C https://youtube.com/shorts/aapOjFwLVTU large cable assembly

Product Features
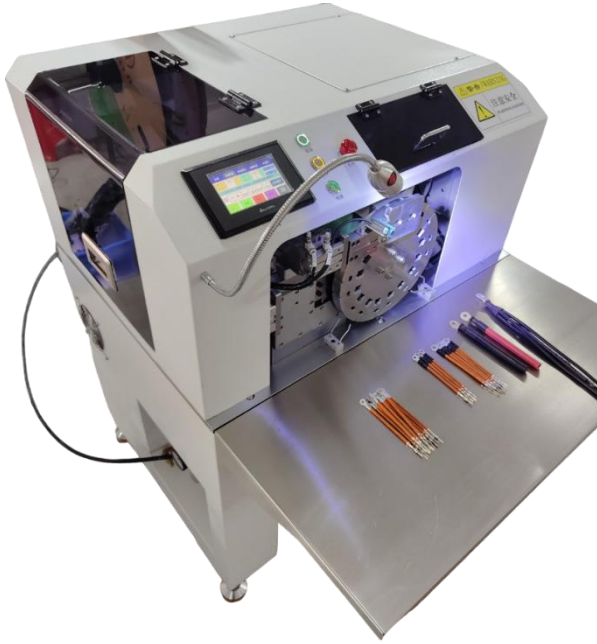
※ Industrial automation PLC, man-machine interface control, simple operation, stable work, high efficiency.

※ The heat-shrinkable tube is fed automatically, the heating length can be set, and the heating position can be adjusted by positioning device.

※ The production capacity can reach 700-2500 terminals per hour (depending on the manual speed).

※ The equipment is compatible, and a variety of cable assembly can be processed by changing rotating disc and fixtures. ※

※ Digital temperature control and abnormal monitoring of heating device. The heating device, when too low air pressure, is protected automatically to prolong the service life.

※ To prevent operator adjusting parameters wrongly, the system can be restored with one button click.

Technical Parameters

Model	HH-210B Shrinkable Tube Inserting and Heating Machine
Power	220V-AC，50/60HZ, 1350W
Display	4.3 Inch Touch Screen TFT
Running time/cycle	2.2 seconds
Control Mode	PLC/ Touch Screen
HST Range	1.0mmΦ~6.5mmΦ（≥7.0mm to be applied on HH-210C）
HST Processing Length	4MM~50MM（customized rotating disc and fixtures）
Heating Temperature	200℃~380℃（Adjust via the thermostat）
Air Supply	0.55~0.65Mpa, clean and dry air
Cooling mode	Forced air cooling
Dimension	L 500mm*W 640mm*H 1300mm
Weight	78KG

HH-210C Shrinkable Tube Cutting, Inserting and Heating Machine for big cable

Operating Videos

HH-210C https://youtube.com/shorts/gSXrsLUSTCI   New energy big cable assembly

HH-210C https://youtube.com/shorts/Hp-deeAM6MA   New energy big cable assembly

HH-210C https://youtube.com/shorts/aapOjFwLVTU   New energy big cable assembly

HH-210B https://youtu.be/7t-0QVeJ7kA   2-pin cable

HH-210B https://youtube.com/shorts/jjnNcLxo6DU   2 wires

Product Features

※ Industrial automation PLC, man-machine interface control, simple operation, stable work, high efficiency.

※ The heat-shrinkable tube is fed automatically, the heating length can be set, and the heating position can be adjusted by positioning device.

※ The production capacity can reach 300-1000 terminals per hour (depending on the manual speed).

※ The equipment is compatible, and a variety of cable assembly can be processed by changing rotating disc and fixtures.

※ Digital temperature control and abnormal monitoring of heating device. The heating device, when too low air pressure, is protected automatically to prolong the service life.

※ To prevent operator adjusting parameters wrongly, the system can be restored with one button click.

Technical Parameters

Model	HH-210C Shrinkable Tube Inserting and Heating Machine for big cable
Power	220V-AC，50/60HZ, 2350W
Display	4.3 Inch Touch Screen TFT
Running time/cycle	5.2 seconds
Control Mode	PLC/ Touch Screen
HST Range	7.0mmΦ~16mmΦ（≤7.0mm to be applied on HH-210B）
HST Processing Length	10MM~100MM（customized rotating disc and fixtures）
Heating Temperature	200℃~380℃（Adjust via the thermostat）
Air Supply	0.55~0.65Mpa, clean and dry air
Cooling mode	Forced air cooling
Dimension	L 950mm*W 750mm*H 1050mm
Weight	140KG

HH-205 Shrink Tube Heating Machine (electrical version)
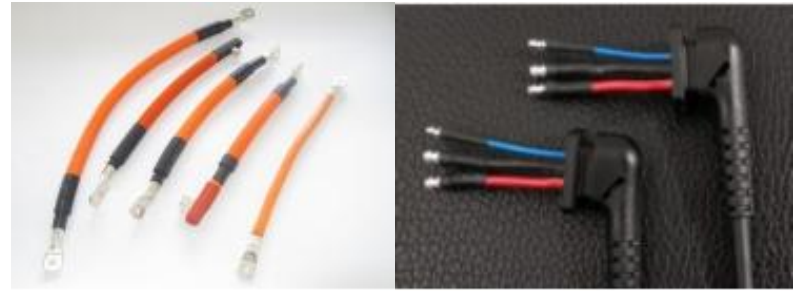
Product Features

※ HH-205A/B is a pure electric shrink tube heating machine, which is suitable for all kinds of wire harness of electronics, new energy, energy storage and other products that need heat-shrinkable casing;

※ The machine uses resistance heating wire to heat, heating up quickly, energy saving;

※ Using high-speed fan to blow the heat wind uniformly, so that the product does not deform and change color;

※ Delay timer is easy to operate, and the heat shrinkage time can be adjusted according to the product characteristics, with fast baking speed and high efficiency ;

※ Intelligent temperature control system can adjust the temperature at will, which can meet the temperature requirements of different products;

※ Desktop structure mode, compact structure, exquisite design, hot air outlet have a variety of shapes and sizes to choose from, which can meet the heat shrinkage of products of various shapes and sizes

※ Double-layer design of the heating box is sandwiched with high-temperature insulated cotton, so that the external temperature of the box will not be overheated, which makes the working environment comfortable.

Technical Parameters

Model	HH-205A Shrink Tube Heating Machine	HH-205B Shrink Tube Heating Machine
Weight	15kg	17kg
Rated Power	2KW	3KW
OD of Processed Cable	0-30mm	0-40mm
Length of Shrink Tube	0-60mm	0-80mm
Heating Temperature	0-450℃	
Heating Method	Resistance wire heating	
Capacity	450-900 pcs/h	
Hot Air Output	580L/minute(can be adjusted)	
Hot Air Outlet	U type or C type	
Power	220V, 50/60HZ	
Dimensions	445mmx220mmx338mm	

HH-344D Label Fold-Sticking Machine

Operating Videos

HH-344D https://youtu.be/8ukMuY0gMb8

HH-344D https://youtu.be/1bkeEXk7KME fixture added to position cables

HH-344D https://youtu.be/M-W2NbMR42k printer is equipped to print blank labels

Product Features

※ Accurate positioning of servo motor, and German SICK tag electric eye quickly senses the tag gap to complete feeding and identification;

※ It is easy to apply and can be adjusted in a wide range to realize fold-labeling of wire harness products of different specifications;

※ Improve production efficiency and solve the problems of slow manual labeling, lack of accuracy, personnel change and high labor cost, etc.;

※ You can choose the standard model, or add the automatic cutting function to double the speed. It can be equipped with the synchronization function of printing and labeling, which is suitable for the situation where the content of the label changes frequently and the quantity is small;

※ The machine has self-adjustment function, which can be used normally as long as the label is installed, and there is no need to debug, so as to solve the problems of difficult debugging and wasting a lot of labels.

Technical Parameters

Model	HH-344D Label Fold-Sticking Machine（May be customized)
Language	English
Labelling Procision	±0.1mm
Labelling Speed	1500～3600pcs/h
Applied Products	All kinds of wiring harness
Applied Label Size	Length：30～210mm; Width：5～60mm
Label spacing	Min. 3mm
Border spacing	Min. 3mm
Standard Positioning Ruler	200mm
Max. Diameter of Label Roll	OD：240mm, ID：76mm
Air supply	0.4-0.6 Mpa
Weight	About 86kg
Dimension	580*680*1000mm
Power	AC220V, 50HZ, 250W

HH-344J Label Wrapping Machine

HH-344J https://youtu.be/uFl_mqQOgFo

HH-344J https://youtu.be/tgeCHLtgU3w

HH-344J https://youtu.be/OjTxr6aEPPg
HH-344J https://youtube.com/shorts/F-VmkmtPyow printer

Product Features

※ Accurate positioning of servo motor, and German SICK tag electric eye quickly senses the tag gap to complete feeding and identification;

※ It is easy to apply and can be adjusted in a wide range to realize label wrapping of wire harness products of different specifications;

※ Improve production efficiency and solve the problems of slow manual labeling, lack of accuracy, personnel change and high labor cost, etc.;

※ The debugging is simple, just input the label size and wire diameter size on the display screen;

※ The wiring harness does not move, the label rotates, and the round/flat/parallel/scattered wires can be labelled automatically.

Technical Parameters

Model	HH-344J Label Wrapping Machine （May be customized）
Language	English
Labelling Procision	±0.2mm
Labelling Speed	1000～1500pcs/h
Applied Products	All kinds of wiring harness
Applied Label Size	Length：10～100mm; Width：5～40mm
Label spacing	Min. 3mm
Border spacing	Min. 3mm
Standard Positioning Ruler	200mm
Max. Diameter of Label Roll	OD：240mm, ID：76mm
Air supply	0.4-0.6 Mpa
Weight	About 86kg
Dimension	580*680*1000mm
Power	AC220V, 50HZ, 250W

HH-340Z Automatic Wire Tying Machine

Operating Videos

HH-340Z https://youtu.be/b9sl7FNjI3k

HH-340Z https://youtube.com/shorts/aFkSWHjK4z4

HH-340Z https://youtube.com/shorts/D_AQ09uCxH8

Product Features

※ HH-340Z adopts PLC control system and has good working stability , and the touch screen is simple and convenient to operate;

※ Bulk nylon ties realizes automatic feeding, eliminating the tedious process of manual feeding;

※ Automatically wears the lock belt and cuts the belt, which saves time and effort and improves the work efficiency；

※ Nylon ties tightness and tail treatment can be digitally adjusted by touch screen.

Technical Parameters

Model	HH-340Z Automatic Wire Tying Machine
Display Language	English
Application Range	Electronic connecting wire, braided tube, motor coils, cables, etc.
Tie Length	60mm/80mm/100mm/120mm/150mm
Capacity	1500pcs/h
Power	220V, 50/60HZ, 100W
Dimension	1230mm*550mm*800mm
Weight	About 150Kg

HH-340H Handheld Wire Tying Machine

Operating Videos

HH-340H https://youtube.com/shorts/ZgPH4wrLvXY

HH-340H https://youtube.com/shorts/8aGJmlSKD-4

Product Features

※ HH-340H adopts PLC control system and has good working stability , and the touch screen is simple and convenient to operate;

※ Bulk nylon ties were put into the vibrating disc and transferring to gun head to realize automatic feeding;

※ Automatically wears the lock belt and cuts the belt, which saves time and effort and improves the work efficiency；

※ Gun handle is compact and easy to hold；

※ Nylon ties tightness and tail treatment can be digitally adjusted by knob.

Technical Parameters

Model	HH-340H Handheld Wire Tying Machine
Display Language	English
Application Range	Suitable for wire harness tying, Products fixing and Packing, etc.
Tie Length	100mm/120mm/150mm
Capacity	1500pcs/h
Power	220V, 50/60HZ, 100W
Dimension	600mm*600mm*720mm
Weight	About 120Kg

HH-340RZ Wire Winding and Tying Machine

Operating Videos

HH-340RZ https://youtu.be/qdEcUM1a78A

HH-340RZ https://youtube.com/shorts/LSTCC_nmHR4

Product Features

※　HH-340RZ adopts PLC control system and winding motor, and the touch screen is simple and convenient to operate;

※　Automatically controls the delivery length, cutting and kinking of the tie-wraps;

※　The number of laps can be set arbitrarily and the speed of winding can be adjusted；

※　It is suitable for all kinds of transmission cables, such as AC power cord, DC power cable, USB data cable, video cable, HDMI HD cable and so on.

Technical Parameters

Model	HH-340RZ Wire Winding and Tying Machine
Display Language	English
Tie-wrap Length	75～140mm
Tying Diameter	Φ5～30mm
Winding Outer Diameter	Φ50～200mm
Winding Distance	100～200mm
Tying Speed	0.6second/time
Winding Speed	1～10laps/second
Tie-wrap	Encapsulated Iron Core
Power	220V, 50/60HZ, ‹ 200W
Dimension	500mm*300mm*400mm
Weight	About 40Kg

HH-305/310/315/320/325 Pneumatic Wire Stripping Machine

Operating Videos

HH-315   https://youtu.be/czDkpXKRer0

HH-310   https://youtu.be/8sBEqnm5m94
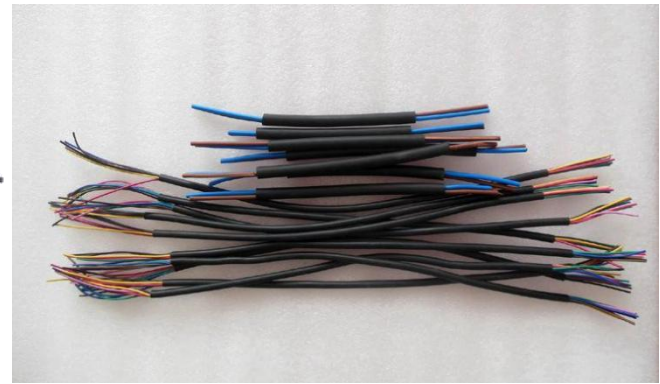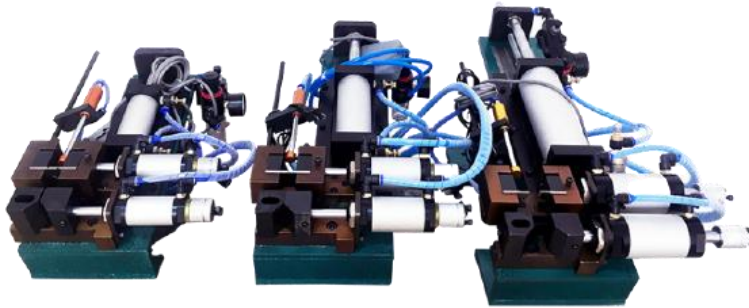
Product Features

※ Oblique back design, ergonomic; Unique slide seat, smooth reciprocating stroke and accurate cutting and stripping；

※ Double-acting cylinder, without the worry of spring breaking;

※ Adopting a duplex that is self-sufficient in grease and air to provide regular grease to the cylinder to reduce the internal wear of the cylinder and prolong the service life;

※ Pneumatic-electric control, light and agile, easy to work；Adjustable structure, which can be adjusted according to the diameter of wire

※ Suitable Wire Types: AC/DC, power cord, computer cable, electronic wire, multi-core wire, etc..

Technical Parameters

Model	HH-305	HH-310	HH-315	HH-320	HH-325
Max. Stripping diameter	7mm	15mm	20mm	20mm	30mm
Stripping force	31～73kg	49～115kg	84～196kg	90～210kg	165～300kg
Air supply	0.3～0.7 Mpa	0.5～0.75mpa	0.6～0.8mpa	0.6～0.8mpa	0.6～0.8mpa
Cylinder diameter	Φ40mm	Φ50mm	Φ63mm	Φ70mm	Φ80mm
Stroke	50mm	100mm	150mm	330mm	150mm
Weight	20kg	25kg	30kg	45kg	50kg
Dimension	400*300*270mm	480*330*280mm	600*420*360mm	850*420*360mm	950*420*360mm
Power	220V, 50HZ				

HH-3F/3FN/3FR Vertical Wire Stripping Machine

HH-3F

HH-3FN

HH-3FR

Operating Videos

HH-3FN   https://youtu.be/NXEPhEsk-LM
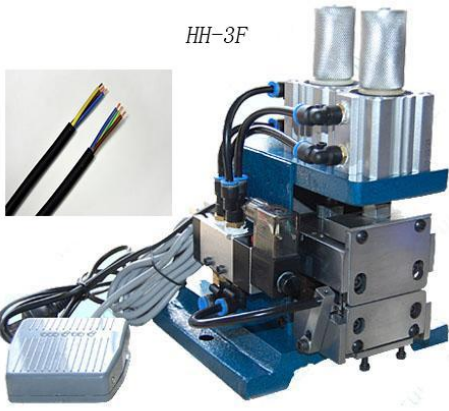
HH-3FR   https://youtu.be/VPZZd_aofAo

Product Features

※ It is mainly aimed at the stripping processing of inner cores of sheath cable and single wire；

※ The exquisite design makes the machine compact and easy to operate；

※ Multiple synchronous stripping functions make the work efficiency high and the quality more perfect；

※ HH-3F does stripping; HH-3FN does stripping + twisting; HH-3FR does heating and stripping for braiding cable and nylon cable, etc..

Technical Parameters

Model	HH-3F	HH-3FN	HH-3FR
Stripping Range	0.1～2.5mm² (AWG28～AWG13)	0.1～0.75mm² (AWG28～AWG18)	0.1～2.5 mm² (AWG28～AWG13)
Stripping Length	2.5～20mm	5～15mm	2.5～25mm
Air supply	0.5-0.7 Mpa	0.5-0.7 Mpa	0.5-0.7 Mpa
Stroke	20mm	20mm	25mm
Weight	9.5kg	13kg	12.5kg
Dimension	260*150*270mm	320*230*300mm	230*200*430mm
Power	AC110V/220V 50/60HZ	AC110V/220V 50/60HZ	AC110V/220V 50/60HZ

HH-303A/B Intelligent Terminal Tensile Testing Device

Operating Videos

HH-303A   https://youtube.com/shorts/vz258nKdoSQ   chuck for terminal positioning

HH-303B   https://youtube.com/shorts/Le5dUelhA8M   universal for positioning various terminals

Product Features

※ The electric terminal tensile tester is specially designed to detect the pull-out force of the wiring harness terminal after crimping;

※ Communication connection: USB data interaction returns text data or imports MES system；

※ Data display: Real-time tension and peak tension can be displayed at the same time

※ Automatic reset: Automatic reset conditions can be set and reset automatically after pulling off the terminal；

※ System setting: It is convenient to set system parameters of upper and lower limits of test, calibration, pull-off conditions and others；

※ Unit conversion: Fast conversion of kg and N units, which can be set to power on；

※ Force limit: Automatically determine NG when the test force exceeds the set upper and lower limits.

Technical Parameters

Model	HH-303A/B Intelligent Terminal Tensile Testing Device
Display Language	English
Measure Range	0～1000N
Analyzing Precision	0.01N
Testing Speed	25mm～100mm/m
Interface	USB host, USB device
Stroke	48mm
Power	220V, 50/60HZ, 300W
Dimension	404mm*154mm*120mm
Weight	About 10.5Kg

HH-300 M/Z Terminal Cross-section Analyzing Machine

HH-300M 半自动截面分析仪
Semi-auto Terminal Cross-section Analyzing Machine
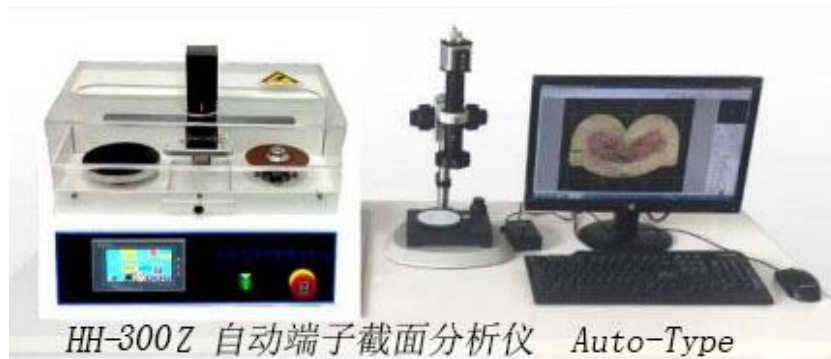
HH-300Z 自动端子截面分析仪 Auto-Type

Operating Videos

HH-300M https://youtu.be/Ry0C65PQVfc

HH-300Z https://youtu.be/UO1lHLZ3Y74

Product Features

※ Using the core testing components imported from Germany, featuring high measuring accuracy, good stability and strong anti-interference ability;

※ The ultra-thin cutting technology imported from Germany overcomes terminal deformation, and the integration of cutting and grinding in the same room makes the direction of terminal cutting and grinding surface consistent, which effectively saves operation time and extends service life;

※ The Japanese high precision ball screw rod drive technology effectively ensures the accuracy of the cutting surface, and the Japanese high precision Z- axis micro grinding technology ensures the grinding accuracy；

※ Rotating speed data acquisition system makes the instrument can really achieve the corresponding rotational speed for the terminals with different diameters. Dual-motor independent control is applied.

Technical Parameters

Model	HH-300M/Z Manual / Automatic Terminal Cross-section Analyzing Machine
Display Language	English
Measure Range	$0.01mm^2 \sim 95mm^2$
Cutting/Grinding Speed	0-4000rpm(adjustable)
Metallographic Abrasive Paper	1200#
Cutting Disc	Φ150*0.5mm
Imaging System	Japan-made HD 5.0MP CCD industrial camera USB
	Micro-scope: 0.7X ~ 4.5X
	Video magnification: 16 ~ 320X
	Multiplier ratio: 6.5：1
	Working distance:100mm
	Movable distance:250mm
	Measuring precision:0.001mm
Power	220V, 50HZ
Dimension	460mm*330mm*300mm
Weight	About 30Kg

HH-300Q Portable Terminal Cross-section Analyzing Machine

HH-300Q https://youtu.be/ZZApMpBU_Ww

Product Features

※ Exquisite in design, easy to carry and operate;

※ Optical instrument is high quality and low distortion, and equipped with image capture module;

※ Equipped with optical instrument safety protection device, which is easy to transport;

※ Automatic cutting module with fine-tuning high-speed grinding module;

※ The design of protective cover increases the safety of operation;

※ Test results are generated automatically by relevant software.

Technical Parameters

Model	HH-300Q Portable Terminal Cross-section Analyzing Machine
Display Language	English
Control System	PLC
Measure Range	0.13mm²～6mm²
Cutting Speed	2mm/s
Cutting/Grinding Speed	2800rpm(Imported German Motor)
X-axis Movement	Panasonic Servo Motor
Cutting Disc	Inner diameter: 21.7mm, outer diameter:105mm, thickness:0.5mm(Germany made, exquisite and durable)
Observing Range	1.2mm～8.2mm(X-axis)
Z-axis Fine-tuning Range	0.00mm～5.00mm; outer diameter of sandpaper:100mm
Electrolysis	Up to 6mm²
Time	5～30s
Lens Magnification	0.75X～5.0X
Teeth Magnification	0.75X～5.0X
Analysis & Archiving	The 3 million pixel camera of Japanese industrial HD video system, USB2.0 and related software, including enhanced measurement tools such as compression ratio, have been certified by the automobile / home appliance / IT industry.
Power	220V, 50HZ, 300W
Dimension	490mm*340mm*340mm
Weight	About 30Kg

HH-3N19/3N20/3N23 Wire Twisting Machine

Operating Videos

HH-3N19 https://youtu.be/NKPIZKQu9LQ

HH-3N20 https://youtu.be/Kq-el8iXiNc

HH-3N23 https://youtu.be/ImY51YLqoKY

Product Features

※ All kinds of ground wire, braided wire and isolation wire can be twisted to replace manual work completely；

※ The clamp is pneumatically controlled, when air source is turned on, the clamp will open automatically. Only need to put in the cable by hand and gently step on the pedal switch to complete the twisted wire operation；

※ The automatic clamp adopts an exposed design, so that the scattered copper wire can be easily placed；If there is a phenomenon of slipping outward when twisting the thick wire, a small groove should be made in the center based on the size of the cable；

※ The opening size of the chuck is adjustable, loosen the chuck spindle screw inside the machine, move the whole chuck to the direction of the motor, and then lock the spindle screw to enlarge, or vice versa；

※ HH-3N19 does telescopic twisting; HH-3N20 does cable combing + twisting; HH-3N23 does cable disassembling and twisting.

Technical Parameters

Model	HH-3N19	HH-3N20	HH-3N23
Twisting Range	0.1～2.0mm²	0.1～2.0mm²	0.1～2.0mm²
Twisting Length	5～80mm	5～80mm	5～80mm
Air supply	0.4-0.6 Mpa	0.4-0.6 Mpa	0.4-0.6 Mpa
Revolution Speed	1400r/s	1400r/s	1400r/s
Wire Combing Φ		0.1～10mm	0.1～10mm
Wire Combing Length		1～60mm	1～60mm
Wire Disassembling Φ			0.1～6mm
Wire Disassembling Length			1～60mm
Weight	12 kg	12 kg	15 kg
Dimension	340*190*170mm	340*190*170mm	320*320*210mm
Power	AC 220V, 50HZ, 10W	AC 220V, 50HZ, 10W	AC 220V, 50HZ, 10W

HH-3N21A/3N21B/3N22 Wire Combing Machine

HH-3N21A 屏蔽网刷线机
Shield Cable Combing Device

HH-3N21B 屏蔽网刷线机
Shield Cable Combing Device

HH-3N22 履带式刷线机
Crawler Combing Device

Operating Videos

HH-3N21A https://youtu.be/gonT35GpKuM

HH-3N21B https://youtu.be/yb_dwh1LXHY

HH-3N22 https://youtu.be/GF9i0SJm-mI

Product Features

※ Put wire slowly in from the front by hand, while rotate wire slowly, so that shield net can be combed smoothly to facilitate later processing；

※ The distance between combing wheels can be adjusted with different sizes of wire. It is convenient to brush the long shielding net by pulling the wire front and back. It can also overturn the shield；

※ HH-3N21A copper-wire brush: suitable for small wire diameter, with aluminum foil wire in the shielding net.

※ HH-3N21B nylon brush: suitable for all wires, not easy to hurt the wire, the disadvantage is of fast wear (lower speed to increase its service life)；

※ When HH-3N22 crawler brushing, you should slowly brush the shield net from the front to back (like combing hair). You can pull the wire back and forth to increase friction to brush the knots.The distance between crawler brushes can be adjusted. When brushing a large square wire harness, the front section of the shielding net can be stripped off 30% (to prevent knotting). After brushed, the shielding net will not be shorter than the stripping length.

Technical Parameters

Model	HH-3N21A / HH-3N21B	HH-3N22
Brushing Range	Φ0.1～25mm	Φ1～30mm
Brushing Length	5～60mm	5～200mm
Revolution Speed	0～6000r/s	0～1800r/s
Weight	15 kg	52 kg
Dimension	320*220*260mm	420*480*320mm
Power	AC 220V, 50HZ, 50W*2	AC 220V, 50HZ, 400W*2

HH-J1/J2/J3/J5 Wire Stranding Machine

Operating Videos

HH-J5 https://youtu.be/6xaLMGFU-38

HH-J5 https://youtube.com/shorts/OcF89YmlT8U

HH-J3 https://youtu.be/7aebIJV0014

HH-J4 https://youtu.be/1HojGmIV7RI

Product Features

※ HH-J1/J3/J5 are mainly suitable all the thin wires stranding, like electronic wire stranding;

※ While HH-J2 is for relative thick wires stranding；

※ Can set positive and negative rotation, number of laps, multi-stage, rotational speed, slope start speed, program storage, output count, time interval;

※ HH-J1/J2 needs to clamp the wire manually;

※ HH-J3 opens and closes clamp automatically；

※ HH-J5 slide rail stranding machine has the following advantages:
1. The length of the head and tail can be accurately located.
2. It can solve the problem of winding of long wire stranding and the problem of uneven stranding.
3. The stranding distance of each turn is accurate and controllable, especially under strict requirements for EMC safety regulations.
4. It can be upgraded into tape wrapping machine.

Technical Parameters

Model	HH-J1	HH-J2	HH-J3	HH-J5
Applied Wires	Thin wires	Thick wires	Thin wires	Thin wires
Feature	Manual Clamp	Manual Clamp +high power	Auto Clamp	Manual clamp +Slide Rail
Motor	120W	450W	120W	120W
Weight	7 kg	11 kg	9 kg	15kg
Dimension	370*270*330mm	370*270*330mm	370*270*330mm	370*270*330mm
Power	AC110/220V	AC110/220V	AC110/220V	AC110/220V

HH-M Applicator and Blades（Not All）

Operating Videos

HH-3M https://youtu.be/tvNenkcySkM

Model	HH-MOH OTP Side-feed Applicator
Terminal Type	Horizontal/Side-feed
Feeding Method	Mechanical Feeding
Stroke	30mm
Terminal distance	≤32mm
Blade Material	Imported Die Steel
Adjustment Accuracy	0.05mm
Weight	4.4kg
Applied Machine	Semi-auto/Auto Crimping Machine

Model	HH-MOZ OTP End-feed Applicator
Terminal Type	Vertical/End-feed
Feeding Method	Mechanical Feeding
Stroke	30mm
Terminal distance	≤32mm
Blade Material	Imported Die Steel
Adjustment Accuracy	0.05mm
Weight	4.4kg
Applied Machine	Semi-auto/Auto Crimping Machine

Model	HH-MPH Pneumatic Side-feed Applicator
Terminal Type	Horizontal/Side-feed
Feeding Method	Pneumatic Feeding
Stroke	30/40mm
Terminal distance	≤40mm
Blade Material	Imported Die Steel
Adjustment Accuracy	0.02mm
Terminal Thickness	≤1.2mm
Wire Range	0.08～6mm²(AWG30～9)
Weight	6kg
Applied Machine	Semi-auto/Auto Crimping Machine

Model	HH-MPZ Pneumatic End-feed Applicator
Terminal Type	Vertical/End-feed
Feeding Method	Pneumatic Feeding
Stroke	30/40mm
Terminal distance	≤40mm
Blade Material	Imported Die Steel
Adjustment Accuracy	0.02mm
Terminal Thickness	≤1.2mm
Wire Range	0.08～6mm²(AWG30～9)
Weight	6kg
Applied Machine	Semi-auto/Auto Crimping Machine

Blades（Cutting Blades, Stripping Blades and Crimping Blades）
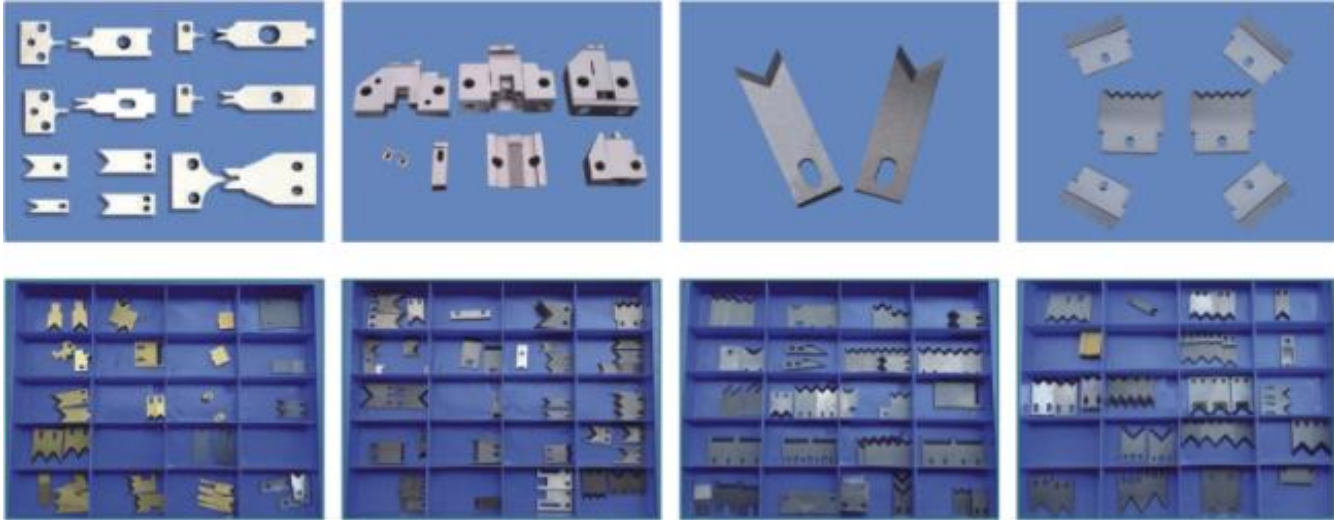
Blade Data Sheet

Serial No.	Part No.	Die specifications				Serial No.	Part No.	Die specifications			
		Upper Inside	Upper Outside	Lower Inside	Lower Outside			Upper Inside	Upper Outside	Lower Inside	Lower Outside
1	1.0	0.8x0.7	1.25x0.75	1.1x0.7	1.2x0.75	18	SAN-2.0	1.4x1.3	1.8x1.5	1.6x1.3	1.8x1.5
2	JAE	1.0X0.7	1.25x0.75	1.3x0.7	1.2x0.75	19	JC-2.0	1.8x1.0x1.4	1.8x1.0x1.6	2.0x1.4	1.8x1.6
3	1.25	0.8x0.8	1.3x0.9	1.0x0.8	1.3x0.9	20	50058	0.8x0.8	1.35x0.85	1.1x0.8	1.2x0.85
4	MX1.25	0.9x0.8	1.2x0.9	1.0x0.8	1.2x0.9	21	KET	2.2x2.0	2.6x2.5	2.5x2.0	2.5x2.5
5	3H1.25	0.8x0.8	1.35x0.85	1.0x0.8	1.3x0.85	22	LE	2.0x2.2	2.0x3.0	2.2x2.2	2.0x3.0
6	PH1.5	1.0x0.9	1.4x1.0	1.1x0.9	1.4x1.0	23	5556T	2.0x1.3	2.5x2.4	2.2x1.3	2.5x2.4
7	ZH1.5	1.0x0.8	1.3x0.9	1.2x0.8	1.3x1.0	24	5557T	2.0x1.6	2.5x2.4	2.2x1.6	2.5x2.4
8	SPH	1.4x1.3	1.5x1.5	1.6x1.3	1.5x1.5	25	5558T	2.0x1.3	2.5x1.5	2.2x1.3	2.6x1.5
9	2.0	1.4x1.3	1.7x1.5	1.5x1.3	1.7x1.5	26	SCN	1.3x1.4	1.8x1.5	1.5x1.4	1.7x1.6
10	DuPont 2.0	1.0x1.1	1.5x1.2	1.3x1.1	1.5x1.2	27	6.3	4.0x2.8	4.3x3.6	4.5x2.8	4.5x3.6
11	2.5	1.6x1.5	1.9x1.8	1.7x1.5	1.9x1.8	28	TD2.8	3.5x2.4	3.5x3.0	3.8x2.4	3.5x3.0
12	DuPont 2.54	2.6x1.3	2.7x1.5	2.8x1.3	2.7x1.5	29	TJC1	3.0x1.8	2.8x2.8	3.2x1.8	2.8x2.8
13	20P	2.0x1.6	2.4x2.0	2.2x1.6	2.4x2.0	30	5.2Y	3.2x2.4	3.2x3.4	4.0x2.4	3.5x3.4
14	M9-396	2.4x2.0	3.4x3.0	2.6x2.0	3.4x3.0	31	EL4.2	2.0x2.0	2.5x2.5	2.2x2.0	2.5x2.5
15	3.96	2.0x2.0	2.5x2.8	2.2x2.0	2.5x2.8	32	EH	1.4x1.3	1.7x1.5	1.6x1.3	1.7x1.5
16	2759	2.0x1.5	3.0x1.8	2.3x1.5	2.8x1.8	33	USB AB	5.0x5.0		5.5x5.0	
17	SML	1.5x1.5	2.3x1.8	1.8x1.5	2.3x1.8	34	USB Mini	4.0x4.0		4.5x4.0	

Sales Services

Fore-sale

9. Provide Consultancy

10. Acquire Requirements

11. Request Samples

12. Evaluate the

In-sale

5. Confirm Costs

6. Make the Machine

7. Do the Debugging

8. Pack for Transport

After-sale

1. Teach the Operating

2. Do the Training

3. Instruct Troubleshooting

4. Supply Assembly Parts