

## Wire Processing Machine

[Wire Stripping Machine](#)   [Wire Cutting Machine](#)   [Wire Crimping Machine](#)

### ZDBX-1 Computerized Cutting & Stripping Machine

• ZDBX-1 is a kind of economical and efficient machine with the exquisite and good looking body; This machine can improve processing speed and increase the work productivity. Moreover, it has a competitive price in the market.

Model: ZDBX-1

Measurement : W360×D288×H200mm

Weight : 20 Kg

Power supply : AC220

Power consumption : 240W

Stripping Length : 0.1-30mm

Wire Type : PVC, Teflon, Glass wire

Wire gauge : AWG#18-30

Max cutting length : 0.1---99999mm

Cutting tolerances :  $\pm(0.2+0.002\times L)$ mm

Processing capacity : L=100mm, 85pcs/min



### ZDBX-2 Computerized Cutting & Stripping Machine

• Precise and steady body; convenient and explicit operate touch paned.  
• Fully computerized with LCD-display and can store up to 248 information. New improved safety features ensure "Zero" wastage, when operating under instructions. The machine can stop operating automatically when it reaches the end of the coil wire.

Model: ZDBX-2

Measurement : W430×D340×H250mm

Weight : 25 Kg

Power supply : AC220

Power consumption : 260W

Stripping Length : 0.1-30mm

Wire Type : PVC, Teflon, Glass wire

Wire gauge : AWG#12-30

Max cutting length : 0.1-----99999mm

Cutting tolerances :  $\pm(0.2+0.002\times L)$ mm

Processing capacity : L=100mm, 90pcs/min



## ZDBX-3 Computerized Cutting & Stripping Machine



- A good cutting structure applies two running vertically, different processing means can run various range wire, such as cutting, full-stripping, semi-stripping. The processing capacity is higher and equal 1.5 times of ZDBX-2.

Model: ZDBX-3

Measurement : W430×D340×H260mm

Weight : 35 Kg

Power supply : AC220

Power consumption : 260W

Stripping Length : 0.1-30mm

Wire Type : PVC, Teflon, Glass wire

Wire gauge : AWG#18-30

Max cutting length : 0.1-----99999mm

Cutting tolerances :  $\pm(0.2+0.002\times L)$ mm

Model: ZDBX-4

Measurement : W430×D360×H268mm

Weight : 37 Kg

Power supply : AC220

Power consumption : 300W

Stripping Length : 0.1-30mm

Wire Type : PVC, Teflon, Glass wire

Wire gauge : AWG#8-28

Max cutting length : 0.1-----99999mm

Cutting tolerances :  $\pm(0.2+0.002\times L)$ mm

Processing capacity : L=100mm, 80pcs/min

## ZDBX-4 Computerized Cutting & Stripping Machine



- This is a fully-automate machine that performs high-speed computerized wire cutting and stripping on both ends.

LCD display full of picture, full screen operations display, clear and user friendly. Providing broader range of design and production, applicable for wire material FROM #8AWG To #28AWG. For changing wire material specification, only changing wire material specification for production. Design with memory function for faster and more convenient production configuration.

## ZDBX-5 + SL-500 Computerized Cutting & Stripping Machine

### ZDBX-5

- With flat blades and a pair of displaceable rollers, the machine will bring you a successful result, improved safety features ensure continuous production process with zero defects.

### SL-500

- By using with SL-500, you can measure length, strip and slit the ends of flat cables, maximum combined slitting length at front and rear ends of cable is up to 200mm, furthermore, you can change the ratio of front and rear slitting lengths by simply touching a bottom.

Model: ZDBX-5

Measurement : W430×D360×H265mm

Weight: 38 Kg

Power supply: AC220

Power consumption: 300W

Stripping Length: 0.1-30mm

Wire Type: PVC, Teflon, Glass wire

Wire gauge :  $\leq 25$ mm

Max cutting length: 0.1-----99999mm

Cutting tolerances :  $\pm (0.2+0.002 \times L)$  mm

Processing capacity: L=100mm, 48pcs/min

Slitting length:  $\leq 200$ mm



## ZDBX-6 Computerized Cutting & Stripping Machine

- This machine is very suitable for processing the short thin wire. It uses fine tuning to adjust the press gap between the two rollers, and this can reach the accurate of 0.05mm to guarantee the processing precision for each wire, the finished wire will be more beautiful without any trace on it.

Model: ZDBX-6

Measurement : W430×D340×H260mm

Weight : 35 Kg

Power supply : AC220

Power consumption : 260W

Stripping Length : 0.1-30mm

Wire Type : PVC, Teflon, Glass wire

Wire gauge : AWG# 20-36

Max cutting length : 0.1-----99999mm

Cutting tolerances :  $\pm (0.2+0.002 \times L)$  mm

Processing capacity : L=100mm, 90pcs/min



## ZDBX-7 Computerized Cutting & Stripping Machine



- This machine can process 5 wires at one time, which greatly increases the production capacity.
- It is designed to ensure precision cutting and has improved safety features in spring-loaded on/off switch.

Model: ZDBX-7

Measurement : W430×D360×H268mm

Weight : 38 Kg

Power supply : AC220

Power consumption : 300W

Stripping Length : 0.1-30mm

Wire Type : PVC, Teflon, Glass wire

Wire gauge : AWG#18-30

Max cutting length : 0.1-----99999mm

Cutting tolerances :  $\pm(0.2+0.002\times L)$ mm

Processing capacity : L=100mm, 300pcs/min

## ZDBX-8 Computerized Cutting & Stripping Machine



- Most appropriate for special like battery cables or power cords. By using this machine, automation of triple step processing length used to be possible only by a semi-automatic or manual operation has now been materialized. Designed to allow easy parts assembly. Programmed with a variety of processing programs, no damages gripping outer insulation two levels stripping for multi core cable.

Model: ZDBX-8

Measurement : W430×D340×H250mm

Weight : 35 Kg

Power supply : AC220

Power consumption : 260W

Stripping Length : No.1: 0.1-255mm No.2: 0.1-100mm

Wire Type : PVC, Teflon, Glass wire

Max cutting length : 0.1-----99999mm

Cutting tolerances :  $\pm(0.2+0.002\times L)$ mm

Jacket length :  $\leq 70$ mm

Wire gauge : BVVB: 2×1.5mm

Single wire : AWG#8-26 Jacket thickness:  $\leq 0.9$ mm

Insulation thickness:  $\leq 0.7$ mm

## ZDBX-9 Computerized Cutting & Stripping Machine

- The primary advantage of ZDBX-9 is its especially high speed, Which is a newly. Designed machine with the international advanced level.
- A newly designed blade block is employed to insure the quality and neat finish. The blades are made of ultra fine-grained alloy simultaneously.

Model: ZDBX-9

Measurement : W430×D340×H260 mm

Weight : 35 Kg

Power supply : AC220

Power consumption : 260W

Stripping Length : 0.1-30mm

Wire Type : PVC, Teflon, Glass wire

Wire gauge : AWG#16-30

Max cutting length : 0.1-----99999mm

Cutting tolerances :  $\pm(0.2+0.002\times L)$ mm

Processing capacity : L=100mm, 120pcs/min



## ZDBX-10 Computerized Cutting & Stripping Machine

- Latest wire twisting technology has been built into a compact body suitable for use with ZDBX-7. Adjustment of the twisting force, switching of normal (Z TWISTING) and reverse (S TWISTING) and adjustment of twisting start position can be made by one-touch command operation. Further for it can smoothly catch up with change of wire thickness and / of feeding speed by the computer control system. It is a truly speedy, quiet and precise twisting unit.

Model: ZDBX-10

Measurement : W430×D360×H2608mm

Weight : 359Kg

Power supply : AC220

Power consumption : 300W

Stripping Length : 0.1-30mm

Wire Type : PVC, Teflon, Glass wire

Max cutting length : 0.1-----99999mm

Cutting tolerances :  $\pm(0.2+0.002\times L)$ mm

Twisting length : 3---18mm

Wire gauge : AWG#18-30

Processing capacity : L=100mm, 135pcs/min



## ZDBX-11 Computerized Cutting & Stripping Machine

- The machine realized a versatile processing, Fivestar Tools unique idea and technology have developed a further upgraded machine, which with a dual 4wd powerful stripping unit,

which is a surprise in conventional bench-top machines. The manufacturer that always pursuing the best.

- It can process a difficult to strip wire with tight insulation covering up to a strip length of 200mm by repeating a short length stripping from the front or rear end of wire several times.

Model: ZDBX-11

Measurement : W736×D425×H243 mm

Weight : 37 Kg

Power supply : AC220

Power consumption : 600W

Stripping Length : 0.1-200mm

Wire Type : PVC, Teflon, Glass wire

Wire gauge : AWG#8-28

Max cutting length : 0.1-----99999mm

Cutting tolerances :  $\pm(0.2+0.002\times L)$ mm



## ZDBX-12 Computerized Cutting & Stripping Machine



- Using servo MOTO for controlling the operations, such as wire cutting, stripping and the like, for precise cutting length providing display functions of each inspection standard for too-tight wire, lower air pressure, cylinder locking, exceptional motor condition, and consistent counting, and automatically shutting down the machine during exceptional conditions, and displaying the inspected conditions on the control panel for conveniently and rapidly elimination the conditions and reducing the shutdown time.
- Provided with optional SL-500 wire splitter for completing the wire splitting, wire cutting and stripping for the wire row to improve the production efficiency.

Model: ZDBX-12

Measurement : W1700×D750×H1580 mm

Weight : 400 Kg

Power supply : AC220/380V/sphases

Power consumption : AC Servo motor

Stripping Length : 3-30mm

Press capacity : 2.0Ton

Wire gauge : AWG#10-28; Flat cable

Wire Type : PVC, Teflon, Glass wire

Cutting length : 42-----99999mm

Cutting tolerances : Single cycle and auto

## ZDBX-20 Portable Wire Stripper Machine

Model: ZDBX-20  
Measurement : W340×D150×H170 mm  
Weight : 6.7 Kg  
Power supply : AC220  
Stripping Length : 1.5-10mm  
Wire Type : PVC, Teflon, Glass wire  
Wire gauge : AWG#14-30



## WX-1 FULL AUTOMATIC TERMINAL CRIMPING MACHINE (BOTH ENDS)

- Compact and high speed full automatic terminal crimping machine. High productivity and reliability using a positioning unit by servo MOTO and double drive wire feed unit. The outstanding performance of the machine Can be guaranteed by ITS:

- Modularized design, program logic control;
- Structurized software design technology;
- Advanced date-exchange scheme;

Model: WX-1  
Measurement: W1,300×D870×H1,450ml  
Weight:500kg  
Power supply: AC220V  
Compressed air : 0.5 Mpa (5kgf/cm)  
Press capacity : 19600 N (2.0 ton) × Sets low noise type  
Stripping length : No.1: 1.0~10.0mm No.2: 1.0~17.0mm  
Wire gauge : 0.08-2.0mm 2(u11007 AWG#28-14) within  
0.d.3.4mm  
Capacity : 0.8 sec/pcs (in case of min wire length)  
Max cutting length : 30-----9999mm  
Cutting accuracy :  $L \leq 100\text{mm}(0.5+L \times 0.002)$   $L > 100\text{mm} \pm (1.0+L \times 0.002)$   
Cut depth : 2 mm 100 step (1 step=0.02mm)  
Detector : wire presence wire load wire parameter error etc.



## WX-2 Full Automatic Terminal Crimping Machine

Function: Wire measuring, both ends stripping, both ends crimping, programmable blade depth, full and/or half stripping with programmable strip length, both ends half strip, No. 1, 2 parallel

down, automatic crimp height adjustment, programmable crimping position, strip pill back.

2. Wider wire range minimum AWG#36
3. Pull-back function
4. Larger servo press \*1470N (150kgf)~3950N(400kgf)
5. Less air consumption

Model: WX-2

Dimension. mass: 810W× 1260D×1380H(mm) ,Approx.310KGS

Capacity: both ends crimping 1.0sec/pc.(with minimum wire length,AS42 type)3600pc.h

Wire size: 0.013~0.12mm<sup>2</sup>(UL1571 equivalent AWG #36-26)within O.D.1.5mm

Cutting length: 20~300mm(in case of AS42),30~300mm(in case of AS40)option (600mm and 2000mm)

Cutting accuracy: cutting length below 100mm:variation 0.5mm+(set length ×0.002)

cutting length over 100mm:variation 1.0mm+(set length × 0.002)

Stripping length: 0.7mm~6.0mm

Cut depth: Max. adjustment 2mm 100step(1step=0.02mm)Pull back

Press capacity:3,920N(equivalent to 400kgf)Servo press×2sets(with Inching SW)

Detector:Air pressure down, wire existence, wire overload, strip error (No touch type),crimp error, terminal presence, presence, terminal overload

Power supply: AC200/220V(within±10%) 50/60HZ single phase:10A

Compressed air: 0.5MPa (5kgf/cm<sup>2</sup>), approx.70NL/min.(use clean dry air)



## SATC-20 SEMI-AUTOMATIC TERMINAL CRIMPING MACHINE



- Crimping speed setting from operation panel available.
- Memory banking of height and crimping speed available.
- No fluctuation of crimping capacity even controlled.
- Programmable crimping speed.

MODEL : SATC-20

DIMENSION : W292×D404×H505mm

PRESSURE : 2.0TON

SPEED : 0.3Sec/pcs

MOVEMENT : 30mm

WEIGH : 115kg

VOLTAGE : AC220V; 50HZ



PRESS SPEED : 6000Cycles/hour  
POWER : 200W

## SATC-20B NUMERICAL CONTROL PRECISION PRESS

The spare parts can be optional.

Model: SATC-20B  
Dimension: W352×D426×H505mm  
Power AC220 60HZ/50HZ single-phase

supply:



Pressure: 2.0 Ton  
Stroke: 30mm  
strip length: 2~6mm  
Wire gauge: AWG#18-32  
Feed pattern: side feed (end feed can be not use)  
Terminal SEP: Terminal length limits: within 12 mm(not to count the pilots)  
Air pressure: 0.5Mpa(5kgf/cm<sup>2</sup>)~0.6Mpa(6kgf/cm<sup>2</sup>)



## NCPP-10 NUMERICAL CONTROL PRECISION PRESS

- the press which is low in cise is overloaded prote withction function.
- The controller of the liquid crystal display form which an operation state is plan.
- It displays the cause of the stop by the message.

MODEL: NCPP-10

DIMENSION: W240×D200×H340mm

PRESSURE: 1.0TON

SPEED: 1400RPM

MOVEMENT: 40mm  
CRIMP CAPACITY: 2.5Sqmm  
WEIGH: 85kg  
VOLTAGE: 380V 3PHASE  
PRESS SPEED: 6000Cycles/hour

## NCPP-20 NUMERICAL CONTROL PRECISION PRESS

- The press which is low in cise is overloaded prote withction function.
- The controller of the liquid crystal display form



which an operation state is plain. It displays the cause of the stop by the message.

MODEL: NCPP-20

DIMENSION: W680XD290XH260

PRESSURE: 2 TON

SPEED 1400RPM

CRIMP CAPACITY: 6Sqmm

MOVEMENT: 40MM

WEIGH: 60KG

VOLTAGE: AC220V

## NCPP-25 NUMERICAL CONTROL PRECISION PRESS



- The press which is low in cise is overloaded prote withcition function.
- The controller of the liquid crystal display form which an operation state is plain.
- It displays the cause of the stop by the message.

MODEL : NCPP-25

DIMENSION : W300×D260×H780mm

PRESSURE : 2.5TON

SPEED : 1400RPM

VOLTAGE : AC 220V; 50HZ

CRIMP CAPACITY: 6Sqmm

WEIGH: 85KG

PRESS SPEED: 6000Cycles/hour

## WX-6100 Digital Cutting Machine

- With the fastest speed and price control, The WX-6100 is able to dut various material such as vinyl, hose, shrink tube, wire, film copper/tinplate, etc.



- Applicable with receiving the outer signal.

Various warning messages and alarm functions.

MODEL: WX-6100

MEASUREMENT: 350X250X320

WEIGHT: 25KG

POWER SUPPLY AC 220V

MAX CUTTING WIDTH: 100MM

CUTTING LENGTH: 0.1MM-99999MM

SPEED: L=100MM, 100PCS/MIN

## ZDBX-36R Micro Cable Stripper Machine

1. Highly precise and reliable processing of coaxial and single cables
2. Memory for 99 different wire types
3. Up to 9 steps in one operation
4. The ZDBX-36R has a rotating stripping head

Model: ZDBX-36R

Measurement: W185×D435×H230mm

Weight: 15KGS

Working cable: Micro-coaxial/other single

Stripping length: 0.1-30mm

Stripping length scale: 0.01mm

Cable diameter:  $\Phi$ 0.3mm~Max  $\Phi$ 6.99mm

Cut-depth division value: 0.01mm

Max cutting layer: Max.6 steps/1cycle



## ZDBX-39R Program Coaxial Cable Stripping Machine



The ZDBX-39R is a semi-automatic, programmable stripping machine designed to perform both single and multiple stage strips. Its processing capabilities make the ZDBX-39R a perfect match for a wide range of wires and cables such as coaxial and multi-conductor cables-even with very thin and tough or slightly out of round insulations with a maximum outside diameter of 15mm(0.59")at a maximum stripping length of 85mm(3.35")

Max.cable diameter(O.D.): 16mm

Stripping diameter increments: 0.01mm(0.001")

Max.stripping length: 95mm

Stripping length increments: 0.01mm(0.001")

Max.stripping steps: MAX.9 steps/1cycle

Wire clamping: Motor driven with programmable clamping force

Cycle time:  $\geq$ 7SEC depending upon cable type and programming

Power supply: 240VAC ; 50-60HZ

Fuse: 3.15AT

Dimensions: 705×196×356mm

Weight: 27KGS

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