

# HOOHA COMPANY LIMITEM

ZANYANG WIRE AND CABLE EQUIPMENT COMPANY LIMITED

## COMPANY PROFILE

ZANYANG WIRE AND CABLE EQUIPMENT COMPANY LIMITED(ZANYANG) is one of the TOP companies in China to make the cable machinery since 2003 established in Donguan, is becoming the leading maker in the manufacturing, designing of wire& cable machinery in China.

ZANYANG set up the HOOHA company in HONGKONG by 2015.

ZANYANG has been producing reliable quality machines with competitive price for dozens of famous wire & cable makers throughout the world, ZANYANG products have been sold to 25 overseas countries with more than 130 overseas customers including: Korea, Japan, India, Indonesia, Malaysia, Thailand, Vietnam, Singapore, Cambodia, Brunei, Bangladesh, Sri Lanka, Jordan, U. A. E, Brazil, Mexico, U. S, U. K., Russia, Tunisia, and Israel.

Our main Products include:

- \* High Speed Double & Single Twist buncher
- \* Planetary and Tubular stranding machine
- \* Insulation & sheathing extrusion lines
- \* Pay off & take up
- \* Caterpillar / capstan
- \* Sub-extruders & crossheads
- \* Powder applicator.
- \* Auto coiling & wrapping machine
- \* Tapping machine.
- \* High speed spiral shielding machine
- \* Rewinding and reworking machine
- \* Auto cutting machine.



## Cable&Wire



# Equipment



# HOOHA MACHINE



**SPECIALISING**  
in wire equipment

公司荣誉 Company Honor

Honor Witness Power 荣誉见证实力 实力见证辉煌  
 POWER WITNESS REFULGENCE



品牌推广 Brand Promotion



**加工中心 Processing Equipments**



**半成品、成品展示 Products Show**



## 民用建筑线、电缆解决方案

### Building Wire、Power Cable Production Process

适合于生产民用建筑线、护套线、电缆等线材。

Apply production of building wire,power cable,RVB wire,shielding wire,military products etc.

### 制造流程 Production Process

金属铜杆加工→绞铜成缆→芯线挤出→芯线集合→护套挤出

Copper rod processing→Copper wire bunching→cored wire extruding→cored wire collection→sheath extrusion

### 第一步:金属铜杆加工 Copper rod processing

拉丝机属于金属制品生产预加工设备,目的是为了把线材或棒材经过拉丝机的拉拔处理,使线材或棒材的直径、圆度、内部金相结构、表面光洁度和矫直度都达到标准件等金属产品生产需要的原料处理要求。

Wire drawing machine is belonging to the production of metal products pre processing equipment, the purpose is to make wire and rod after wire drawing machine drawing processing, wire and rod with the diameter, roundness, inside metallographic structure, smooth surface and straightening requirements are up to standard parts and other metal products production raw material processing requirements.

### 大拉机+(卧式)退火机+张力机构+梅花落线机+双盘收线

RBD machine+horizontal annealer+tension pare+coiler machine+double spooling taking-up



Technical parameter:

Type	DL400-7	DL400-9	DL400A-9	DL400-11	DL400-13
进线尺寸 Wire inlet dia.	Max8.0mm				
出线尺寸 Wire finished dia.	2.6-3.5mm	2.0-3.5mm	2.0-3.5mm	1.6-3.5mm	1.2-3.5mm
机械延伸率 Mechanical elongation	42%-21%	42%-21%	46%-8%	46%-8%	46%-8%

### Intermediate Wire Drawing with Annealer

中拉退火机



Technical parameter:

Type	ZLT250/17	ZLT250/21
Wire inlet dia.	Φ2.6-Φ3.0mm	Φ2.6-Φ3.0mm
Wire finished dia.	Φ0.4-Φ1.2mm	Φ0.4-Φ1.2mm
Mechanical elongation	25%+18.7%	18.4%+15%

### Horizontal Fine Wire Drawing Machine with Dual-inverter

微小拉机



Technical parameter:

Type	24DHA	24DHB
Wire inlet dia.	Φ0.5 - Φ1.2mm	Φ0.5 - Φ1.2mm
Wire finished dia.	Φ0.08 - Φ0.32mm	Φ0.08 - Φ0.32mm
Mechanical elongation	15%+8.7%	13%+8.7%

### Annealing (tinning) Machine

镀锡退火机



▶ **民用建筑线、电力电缆解决方案**  
 Power Cable 、 Building Wire Production Process

第二步: 铜线绞线 Copper wire to be stranding

**A:  $\phi$  500- $\phi$  800高绞机 (主要用于 $1.5\text{mm}^2$ - $16\text{mm}^2$ )**  
 High speed stranding machine



**B: 弓型绞线机 (主要用于 $10\text{mm}^2$ - $35\text{mm}^2$ )**  
 High speed bow stranding machine



**C: 管式绞线机 (主要用于 $10\text{mm}^2$ - $35\text{mm}^2$ )**  
 Tubular wire-stranding machine



**用途**  
 主要用于裸铜、裸铝绞线芯的绞合，亦用于多芯绝缘线的绞合。

**Application**  
 Mainly used for bare copper, bare aluminum stranded wire core is also used for multi-core insulated wire stranded.

**D: 框式绞线机 (主要用于 $35\text{mm}^2$ - $400\text{mm}^2$ )**  
 High speed frame stranding machine

**用途**  
 主要用于铜、铝电缆芯线扇形导体的绞制紧压，圆形导体绞合拉制紧压及分割导体预扭紧压等。

**Application**  
 Mainly for copper and aluminum conductor cables twisted wire system fan pressed, pressed and drawn round conductor segment conductor strands twisted pre-pressed.



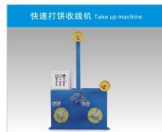
▶ **民用建筑线、电力电缆解决方案**  
 Power Cable 、 Building Wire Production Process

**第三步: 芯线挤出生产线 Core wire extrusion line**

电线内层芯线主要采用  $\Phi 70-\Phi 120$  型号的电线电缆挤出生产线来实现。  
 The wire core mainly uses  $\Phi 70-\Phi 120$  types' s extrusion production lines to achieve.



选配:



包装:



**第四步: 芯线集合成缆 Core wire to be cabled**

**A:  $\Phi 800-\Phi 1250$  悬臂式单绞成缆机**  
 Cantilever single twisting machine



**B:  $\Phi 800-\Phi 1000$  双绞机**  
 (主要用于RVS电线)  
 High speed double stranding machine



**C: 笼式绞线机**  
 High speed cage stranding machine

用途:

主要用于钢芯绞线, 裸铜、裸铝线的绞合, 同时也可供橡套电缆、多股塑力缆及各种通讯电缆等产品的成缆。

Application

Mainly used for steel core wire, bare copper, bare stranded aluminum wire, but also for rubber cables, multi-strand power cable and all kinds of communications wire into a cable.



**第五步: 外被挤出生产线 Insulation jacket extrusion production line**

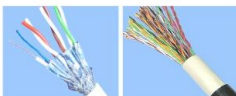
电缆外层主要采用  $\Phi 120-\Phi 200$  型号的电缆挤出生产线来实现。  
 Insulation outer mainly adopts  $120-200$  types's extrusion production lines to achieve.



## ▶ 通信数据电缆解决方案(CAT5/5E/6/6A/7) Data Lan Cable Production Process

目前网络线常用的有CAT5(五类线)、CAT5E(超五类)、CAT6、CAT6E(超六类线)、CAT7, 本公司根据市场需求, 为我们的客户研制了全套的通信电缆与数据电缆设备, 从芯线到成缆, 为客户量身定制各种解决方案, 最大程度的满足客户需求。

Currently, most popular network wire is CAT5, CAT5E, CAT6, CAT6E and CAT7. We had developed the complete communication cable & data cable equipments. we can make according per customer's requirement from core wire to the final cable.



## 制造流程 Production Process

连续绝缘芯线挤出→芯线对绞→成缆(4对集合)→护套→包装

Continuous insulation core wire extrusion → Core wire Pair Twisting → Cabling(4 Pairs) → Sheath → Packing

### 第一步: 芯线挤出 Core Wire Extrusion

A、 $\Phi 50 + \Phi 35$  (生产线速500-600米/分)  
Line speed 500-600m/min

用途: 适合于五类、超五类芯线生产。

Application: apply to CAT5, CAT5E core wire producing.



B、 $\Phi 50 + \Phi 35$  串联生产线 (生产线速1000米/分-1500米/分)  
Tandem extrusion line (Line speed 1000-1500m/min.)

用途: 适用于生产各类局域网网络线(五、六、七类), 市话电缆拉丝绝缘芯线挤出。

Application: apply to the extrusion process in making LAN cables (CAT5E, CAT6 and CAT7), insulative telephone cables.



### 生产线组成:

拉丝、退火、预热、绝缘挤出、自动收线、在线外径、偏心检测设备。

### Composition:

wire drawing, annealing, pre-heating, insulation extruding, take up, online outside diameter and eccentricity testing.



## 通信数据电缆解决方案(CAT5/5E/6/6A/7) Data Lan Cable Production Process

### 第二步：芯线对绞 Core Wire Pair Twisting

对绞节距一般在10-25mm范围内，节距的稳定性及张力控制要求很高，节距变动误差少于0.3%或0.5mm，芯线张力波动少于10%，超五类以上的电缆要求采用退扭放线，以提高对绞质量。

Pair twisted pitch normally around 10-25mm, high requirement for pitch stability and tension control. Pitch change accuracy < 0.3% or 0.5mm, core wire tension fluctuation < 10%. CAT5E and above cable requires back-twist process to enhance pair twisting quality.

#### A、Φ500对绞机+双头主动式放线机组 Pair twisting machine+double initiative pay off

用途：CAT5、CAT5E类芯线对绞。  
Application: apply for CAT5、CAT5E core wire pair twist.



#### B、Φ500自动张力绞线机+双盘退扭机组 Auto tension control pair twisting machine

用途：CAT5、CAT6、CAT7类芯线退扭对绞。  
Application: apply for CAT 5、CAT 6、CAT 7 core wire back twist & pair twist.



### 第三步：芯线成缆 Core Wire Stranding Machine

4对芯线集合线缆一般采用精度较高的Φ630-Φ1000 PLC控制单绞机成缆。

Generally use high precise Φ630-Φ1000 PLC control single stranding machine for 4 pair of cored wire cabling.

#### A、DJΦ630-Φ1000电脑框式单绞机组 Frame type single stranding machine

用途：主要用于CAT-5类及其它要求较高的线材绞合，可同步包带，可选主动或被动放线架。  
Application: Mainly used for CAT5 or other high quality wire stranding. Can tape synchronously.



#### B、DJΦ630-Φ1250悬臂式单绞机组 Cantilever type single stranding machine

用途：主要用于五、六、七类数据电缆，HDMI、控制电缆、等多条集合成缆，可同步包带。  
Application: Mainly used for CAT5, CAT6, CAT7 data cable, HDMI, control cable etc. can tape synchronously.





## ▶ 通信数据电缆解决方案(CAT5/5E/6/6A/7) Data Lan Cable Production Process

### 第四步：护套生产 Sheath Production Line

护套要求生产过程中，为使已成缆线的物性变化控制到最少，一般采用Φ70-Φ90机生产，为实现不停机换盘，放线可选用二台主动式放线架，配合放线储线架实现，印字通常采用电脑喷码机。

In order to Minimize the physical change of the finished cable,normally adopt  $\phi 70 - \phi 90$  sheath production.We can use two sets initiative wire pay-off stand to co-work with wire pay-off storing stand in order to achive machine non-stop for take up bobbin exchange. Normally use computer-controued inkjet machine for No.printing .



**用途**

适用于各类BV、BVV、BVR、RV，尼龙护套，低烟无卤阻燃环保用建筑布线。

**Application**

Applied to BV, BVV, BVR, RV, Nylon sheath, and halogen-free environment-friendly building wire.

### 第五步：成圈包装 Coiling Packing

网络线成圈长度一般为1000英尺（305米），目前主要采用匣式无扭自由放线，成圈时采用特殊交叉“8”字形卷绕，确保放线时不扭曲。

Network cable coiling length normally is 1000 feet (305M),currently mainly use box no twist free wire pay-off. Coiling into special "8" shape.

#### A、与挤出机联动型成圈 Linked with extruder

##### 卧式网状双轴成圈机 Mesh Double-axis Take-up Machine



**用途**

适用于数据线缆八字形网状收线，并进一步箱式包装只用，配合护套挤出生产联动适用。

**Application**

It is suitable for mesh shape take up process in making data cables and for packing in boxes.It is used as supportive equipment for jacketing extrusion line.

#### B、独立式成圈 Coiling separately.

##### 网络线全自动电脑成圈机 Network cable into the ring machine



**用途**

适用于数据线缆八字形网状收线，并进一步箱式包装只用，配合护套挤出生产联动适用。

**Application**

It is suitable for mesh shape take up process in making data cables and for packing in boxes.It is used as supportive equipment for jacketing extrusion line.

## ▶ USB3.0/1HDMI、DVI、SATA 高频线材解决方案 High Frequency Cable Production Process

数字消费走进千家万户，特别是家庭音像娱乐应用的接口，从DVI向HDMI转变。HDMI电缆需求迅猛增长，为满足客户需求，本公司开发研制了低投入、高性能的HDMI电缆制造设备。

### 制造流程 Production Process

导体 → 芯线 → 芯线对绞 → 总绞 → 编织 → 外被

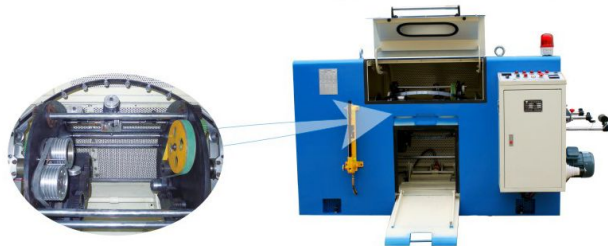
Conductor bunching → core wire extrusion → cored wire pair twisting → Overall stranding → braiding → sheath



### 第一步: 铜线束线 Copper Wire Bunching

Φ300-Φ500 高绞机  
 Φ300-Φ500 stranding machine

用途: 用于HDMI芯线铜线绞合。  
 Apply to HDMI copper wire bunching.



### 第二步: 芯线挤出 Cored Wire Extruding

A、Φ50+Φ35 化学发泡绝缘挤出生产线  
 Chemical foaming insulation extrusion production line

用途: 单层绝缘挤出化学发泡，双层绝缘挤出及单层+注条绝缘挤出之用。

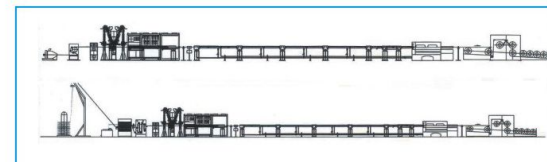
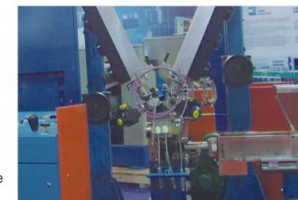
Application: Single layer insulation, double/layer insulation or single layer insulation+color injection.



B、Φ40+Φ30+Φ30 皮泡皮三层共挤出生产线  
 Triple layer co-extrusion production line

用途: 用于生产皮-泡-皮结构的数据通讯电缆、铁路信号传输用数据电缆，高质量小同轴、微同轴电缆、HDMI线缆三层挤出。

Application: Apply to jacket-foaming-jacket structure data communication cable, railway signal transmission data cable, high quality small coaxial, micro coaxial cable, HDMI cable triple layer extrusion.



### 第三步: 芯线对绞 Cored Wire Pair Twisting

A、Φ500 对绞机+双头主动式放线机组  
 Pair twisting machine+double initiative pay off

用途: CAT5、CAT5E类芯线对绞。  
 Application: apply for CAT5、CAT5E core wire pair twist.



## ► USB3.0/1HDMI、DVI、SATA 高频线材解决方案 High Frequency Cable Production Process

### B、 $\phi$ 500高速悬臂单绞机 High speed cantilever single stranding machine

用途：适用于HDMI、DP、USB等高频线、数据线、电子线、芯线对绞及多股绞合。

Application: Apply to HDMI、DP、USB etc. high frequency cable, data cable, electronic cable, core wire pair twisting or multi-strands stranding.



### C、双层/单层包带机组 Double layer/single layer taping machine

用途：适用高频数据线缆单/双层包带。Application: Apply to high frequency data cable single/double layer taping.



## 第四步：悬臂单绞机总绞 Cantilever single twisting machine



## 第五步：缠绕机或高速编织机（屏蔽层屏蔽）

### 用途

适用于电脑、手机、计算机、电视机、录音机、音响系统、电子、电路等屏蔽线。

### Application

Applicable to computers, mobile phones, televisions, tape recorders, audio systems, electronics, such as shielding circuit.

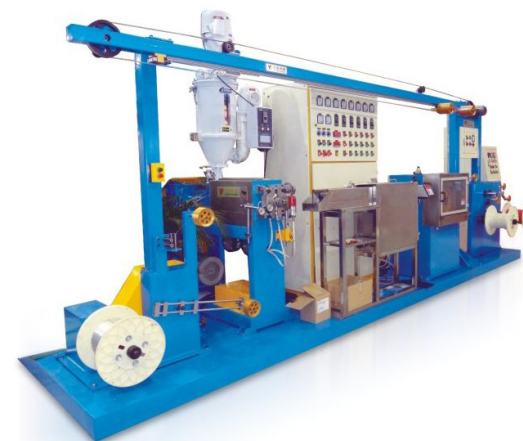


## 第五步： $\phi$ 70挤出机（绝缘外被挤出）Extrusion line





**国内首家押出设备整体集成方案提供商**



**产品特点:**

节省生产场地，免安装调试，出口节省集装箱空间，生产速度快，产量高，产品质量更稳定。

**Product features:**

Save production site, free of installation and commissioning, save the container space, production speed, high output, product quality and more stable.

**专利产品，仿冒必究！专利号 ZL201520345470.1**

**Φ 800-Φ 1250无引取框式单绞成缆机**  
**High Speed Frame Single Twisting Machine**

**用途**

适用于2.5mm<sup>2</sup>-35mm<sup>2</sup>的铜线绞合及云母带、无纺布中心包带一次性完成。

**特点**

本机器是在集合悬臂单绞机和悬框单绞机的优点的基础上研发而成，速度更快，效率更高，是本厂独家研发的新型单绞机。

**Application**

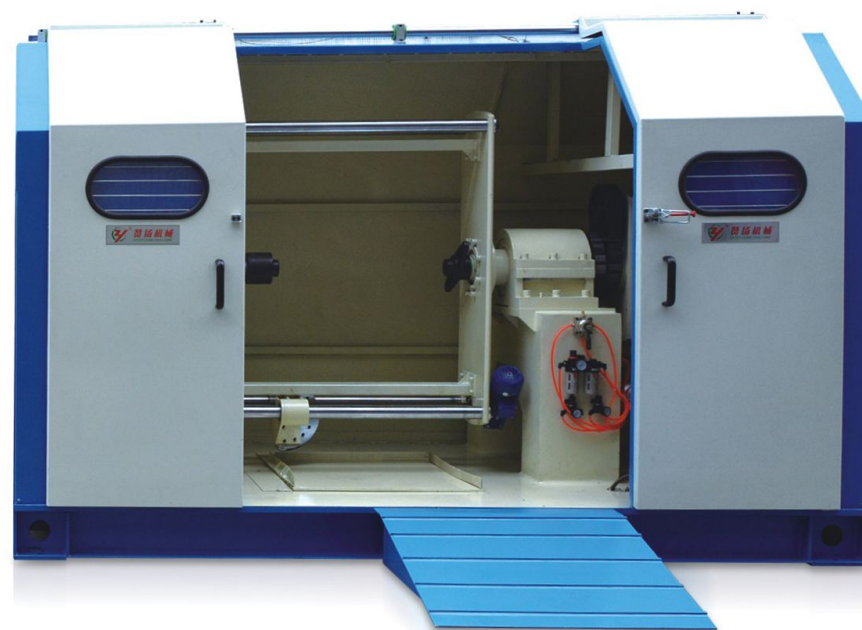
Apply to 2.5mm<sup>2</sup>-35mm<sup>2</sup>copper wire Stranded and Mica tape and nonwoven fabricbelt Central tap with a one-time completely.

**Characteristic**

The machine is researched and developed by based on collecting the advantages of cantilever single twister and frame twister, Speed is faster, more efficient. Our factory exclusive research and development of new single twister.



技术参数	SPECIFICATIONS		
机型 Machine model	ZY-STA-800	ZY-STA-1000	ZY-STA-1250
单线直径 Single wire OD	Φ0.4-Φ4.0mm	Φ1.0-Φ5.0mm	Φ1.0-Φ6.0mm
最大绞合线径 Max stranding OD	20mm	25mm	30mm
铜线绞合 Copper wire stranding OD	2.5mm <sup>2</sup> -16mm <sup>2</sup>	4mm <sup>2</sup> -25mm <sup>2</sup>	4mm <sup>2</sup> -35mm <sup>2</sup>
绞距 Stranding distance	30-350mm	40-350mm	40-500mm
放线盘规格 Pay-off bobbin size	Φ400-630mm	Φ400-630mm	Φ500-630mm
收线盘规格 Take-up bobbin size	Φ800mm	Φ1000mm	Φ1250mm
回转速度 Rotation speed	Max550rpm	Max500rpm	Max400rpm
主机功率 Main motor	20HP变频调速 20HP Inverter	25HP变频调速 25HP Inverter	40HP变频调速 40HP Inverter
刹车器 Brake	气油压碟式刹车器 Pneumatic/hydraulic disc brake		
包带 Wrapper	2HP变频调速 2HP inverter	2HP变频调速 2HP inverter	2HP变频调速 2HP inverter



**电子电器布线押出生产线**  
**Electrical and Electronic Wires Extrusion Line**



**用途**

适用于PVC、LDPE、XLPE、LSHF、NYLON、TPU、TPE等绝缘材料的电线电缆单层、双层、三层押出作业。

**Application**

It is suitable for single-layer, dual color, dual-layer and three layer extrusion operations in making wires and cables with such insulation materials as PVC, LDPE, XLPE, LSHF, NYLON and TPU, TPE.

技术参数	SPECIFICATIONS				
机械型号Model	ZY-WE-30	ZY-WE-40	ZY-WE-50	ZY-WE-60	ZY-WE-70
放线型式Pay-off type	主动式Active type	双轴式Dual-shaft type	双轴式大轴式无轴式 Double-shaft type/Big-shaft type/Shaft free type	双轴式大轴式无轴式 Double-shaft type/Big-shaft type/Shaft free type	双轴式大轴式无轴式 Double-shaft type/Big-shaft type/Shaft free type
放线线盘Pay-off diameter(mm)	300/400/500	400/500/630	500/630/800/1250	500/630/800/1250	500/630/800/1250
螺杆直径Screw diameter(mm)	30/40/50	60/65/70	80/90	80/90	80/90
螺杆直径比Screw diameter proportion	25 : 1	25 : 1	25 : 1	25 : 1	25 : 1
螺杆转速Bold speed(rpm)	10-110	10-100	10-80	10-80	10-80
押出量Output(kg/h)	25-80	100-120-140	250-300	250-300	250-300
喂料量Feeding speed(kg/h)	250	250	300	300	300
主机功率Host's power(kw)	5.5/7.5/11	18.5/22	30-37	30-37	30-37
线径规格Wire diameter(mm)	0.6/6.0	2.0-12.0	4.0-20.0	4.0-20.0	4.0-20.0
冷却装置Cooling system	折叠式W型或单(双)层U型Fold away V shape or single(dual) layer U shape				
最大蓄线长度Max.accumulation length(m)	250	200	150	150	150
引取功率Take-up ratio(kw)	2.2	3.7-5.5	5.5	5.5	5.5
出线速度Linear speed(m/min)	0-600	0-400	0-400	0-400	0-400
收线型式Take-up type	双轴式扎架或轴架Double axle equipment/axis equipment		双轴式大轴架无轴架 Double-shaft type/Big-shaft type/Shaft free assembly	双轴式大轴架无轴架 Double-shaft type/Big-shaft type/Shaft free assembly	双轴式大轴架无轴架 Double-shaft type/Big-shaft type/Shaft free assembly
收线线盘Take-up reel diameter(mm)	300/400/500	400/500/600	500/630/800/1250	500/630/800/1250	500/630/800/1250
收线功率Take-up power	2.2	2.2	3.7/5.5	3.7/5.5	3.7/5.5

## 电力电缆押出生产线 Power Cable Extrusion Line

### 用途

用于电源线、绝缘护套、电力电缆等电线电缆生产。

### 设备组成

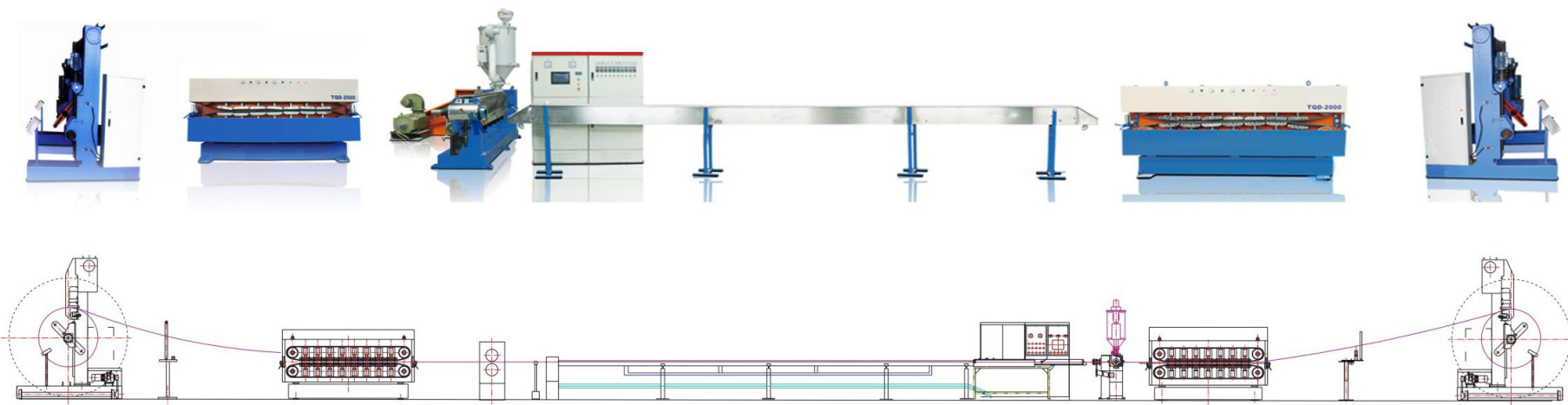
由放线架、主张力组、主机、主控柜、冷却水槽、牵引机、火花机、收线机等组成；  
 选配印字机、测径仪、PLC控制、双履带式牵引、各种规格无轴式收排放机。

### Application

It is fit for production of wire such as power line insulating coat electrical cable.

### Device element

It is made up of line pulling set, main stress team, main motor, main controlling cabinet, cooling sink, pulling machine sparking machine. You can select printer, diameter-testing instrument, PLC controlling, two belt pulling, variety of no axis drawing machine.



### 技术参数 SPECIFICATIONS

机型 Machine model	放线型式 Pay-off type	放线线轴 Pay-off bobbinsize	螺杆直径 Screw diameter	螺杆长径比 L/D of screw	挤出量kg/hr Extrusion capacity	主机功率 Main unit power	线径范围 Range of wire size	冷却装置 Cooling system	引取功率 Capstan power	出线速度 (MAX) Put line speed	收线方式 Take-up line type
ZY-WE-90	双轴式/大轴 Dual axis way/max axis way	PN630-800/1250	Φ90	25 : 1BM型	280	50HP	Φ3-25mm	单层U形Single layers U type	7.5HP	200	双轴/大轴 Double axis way/Max axis way
ZY-WE-100	双轴式/大轴 Dual axis way/max axis way	PN630-800/1600	Φ100	25 : 1BM型	350	70HP	Φ5-40mm	单层U形Single layers U type	10HP	200	双轴/大轴 Double axis way/Max axis way
ZY-WE-120	大轴 Max axis way	PN1600-2000	Φ120	25 : 1	400	100HP	Φ50-80mm	单层U形Single layers U type	15HP	150	大轴 Max axis way
ZY-WE-150	大轴 Max axis way	PN2500-3150	Φ150	25 : 1	600	150HP	Φ60-120mm	单层U形Single layers U type	20HP	100	大轴 Max axis way

## 极细铁氟龙线押出生产线 Fine Teflon Extrusion Line

### 用途

本生产线主要针对FEP/PFA/ETFE铁氟龙极细同轴芯线押出，整套设备由供线，预热器，押出主机，冷却水槽，牵引设备，极细线储线架，卷取机及控制系统等组成，生产能力除了可满足需求之外，并提供简易操作条件，工作安全保护设计，所有控制电气皆使用符合要求知名品牌，使控制精度及耐用度提高，降低故障率确保生产顺畅及稳定性，对于开机条件设定，触摸屏加传统的旋钮设定。

### 技术参数 SPECIFICATIONS

Description	ZY-WE-20	ZY-WE-25	ZY-WE-30
制造线种 Extrusion material	同轴电缆 coaxial cable	同轴电缆 coaxial cable	RGB178
适用导体 Applicable wire size	Φ0.025/7	Φ0.03/7	Φ0.86
完成外径 Finished outer diameter	Φ0.20	Φ0.25	Φ1.08
产能 Line speed	50MPM	80MPM	300MPM
外形尺寸 Dimensions	10*1.0*2m	12*1.2*2m	16*1.5*2.5m
用电量 Consumption of power	15KW	20KW	25KW

## 铁氟龙(氟塑料)高温押出生产线 Teflon (Fluorine plastic) High-temperature Extrusion Line



### 用途

适用于生产铁氟龙(氟塑料)耐高温电线、套管。

### Application

Applied to Teflon cable (high temperature resistance).  
Tube be extrusion.

### 技术参数 SPECIFICATIONS

机型 Machine model	螺杆直径 Screw diameter	螺杆长径比 Screw Length/Diameter	温控 Temperature control	主机功率 Main mac-hine power	挤出量 (kg/hr) Extrusions capacity kg/hr	导体直径 Conductor diameter	绝缘后外径 Insulation diameter	电气控制 Electronic control
ZY-WE-40	Φ40	25:1 专用型螺杆 25:1 tailored screwstem	6 zone	10HP	15kg	0.1-3.0	0.3-4.0	变频调速+PLC全程控制 (可選用) Controlled inverter + PLC entire journey control (may choose the use)
ZY-WE-50	Φ50	25:1 专用型螺杆 25:1 tailored screwstem	6 zone	15HP	25kg	0.2-6.0	0.4-8.0	变频调速+PLC全程控制 (可選用) Controlled inverter + PLC entire journey control (may choose the use)
ZY-WE-60	Φ60	25:1 专用型螺杆 25:1 tailored screwstem	7 zone	30HP	45kg	3.0-28.0	4.0-32.0	变频调速+PLC全程控制 (可選用) Controlled inverter + PLC entire journey control (may choose the use)



## 外被护套押出生产线 Jacket Sheath Extrusion Line

### 用途

适用于各类BV、BVV、BVR、RV，尼龙护套，低烟无卤阻燃环保用建筑布线。

### Application

Applied to BV, BVV, BVR, RV, Nylon sheath, and halogen-free environment-friendly building wire.



### 技术参数 SPECIFICATIONS

机型 Machine model	放线型式 Pay-off line type	放线线轴(mm) Pay-off bobbinsize	螺杆直径(mm) Screw diameter	螺杆长径比 L/D of screw	挤出量kg/hr Extrusion capacity	主机功率 Main unit power	线径规格(mm) Wire spec.	冷却装置 Cooling device	储线长度(m) Accumulator capacity	引取功率 Capstan power	出线速度 Wire speed	收线型式 Take-up line type	收线线轴 Receiving reel	收线功率 Take-up line power
ZY-WE-70	双轴式/动力用桶式 Double axes/Dynamic drum take-up	PN400-630	Φ70	25 : 1 BM型 type	140	30HP	Φ1.5-12	单层/双层 Single layer/Double	200	5HP	MAX500	双轴扎装/轴装/扁盘卷装 Double axes bundle packing/axis packing/swaying tray coiler packing	PN500-630	5HP
ZY-WE-80	双轴式/动力用桶式 Double axes/Dynamic drum take-up	PN400-630	Φ80	25 : 1 BM型 type	200	40HP	Φ2-20	单层/双层 Single layer/Double	200	7.5HP	MAX450	双轴扎装/轴装/扁盘卷装 Double axes bundle packing/axis packing/swaying tray coiler packing	PN500-630	5HP
ZY-WE-90	双轴式 Double axis way	PN630-800	Φ90	25 : 1 BM型 type	250	50HP	Φ3-25	单层/双层 Single layer/Double	200	7.5HP	MAX400	双轴扎装/轴装 Double axis way/axis	PN500-630	7.5HP

## 建筑布线高速(低烟无卤)押出生产线 Building Wire (low Smoke Free Halogen) Extrusion Line

### 用途

适用于各类BV、BVV、BVR、RV，尼龙护套，低烟无卤阻燃环保用建筑布线。

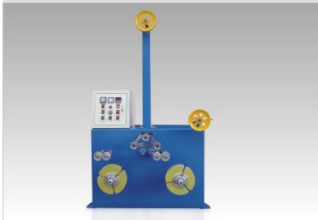
### Application

Applied to BV, BVV, BVR, RV, Nylon sheath, and halogen-free environment-friendly building wire.

摇盘包膜一体机  
 Automatic coiling and packing machine



快速打饼收线机  
 Take up machine



PLC全程、  
 全参数电脑控制  
 也可全手动操作

### 特点

- PLC+专业数控软件，工业计算机操控，储存显示及修正各种工艺参数，全程控制，调整，监控生产线状态。
- 配备先进优质的专用免对机头，满足了精密挤出工艺技术要求。
- 采用日本设计的专用螺杆，能够满足各种材料（低烟无卤，尼龙等）的挤出。
- 本生产线辅机系移动式挤出机，能灵活的上下，前后，水平方向任意调整。
- 采用高效快速放线装置，确保不停机操作。
- 最高速度可达到：500m/min

### Feature

- PLC+Professional numerical control software, industrial computerized operation. Store, display & revise the technic parameter, wholly controlling, adjusting and monitoring the state of the producing.
- Equipped the advanced, special universal Cross-head, two-layer Crossed-head, to fulfill the precise extruding technical requirements.
- Use Japan special design screw, fulfil different kinds of material extruding.
- This line is moveable, horizontal type, up/down, left/right, front/back, adjustable.
- Use high-efficiency pay off unit, non-stop operation.
- Max speed: 500m/min



技术参数 SPECIFICATIONS														
机型 Machine model	放线型式 Pay-off line type	放线线轴(mm) Pay-off bobbinsize	螺杆直径(mm) Screw diameter	螺杆长径比 L/D of screw	挤出量kg/hr Extrusion capacity	主机功率 Main unit power	线径规格(mm) Wire spec.	冷却装置 Cooling device	储线长度(m) Accumulator capacity	引取功率 Capstan power	出线速度 Wire speed	收线型式 Take-up line type	收线线轴 Receiving reel	收线功率 Take-up line power
ZY-WE-60	双轴式动力甩桶式 Double axes Dynamic drum take-up	PN400-630	φ65	25:1 BM型 type	100	20HP	φ0.8-8	单层/双层 Single layer/Double	250	3HP	MAX500	双轴扎装/轴装/扁盘卷装 Double axes bundle packing/axis packing/swaying tray coiler packing	PN500-630	3HP
ZY-WE-70	双轴式动力甩桶式 Double axes Dynamic drum take-up	PN400-630	φ70	25:1 BM型 type	140	30HP	φ1.5-12	单层/双层 Single layer/Double	200	5HP	MAX500	双轴扎装/轴装/扁盘卷装 Double axes bundle packing/axis packing/swaying tray coiler packing	PN500-630	5HP
ZY-WE-80	双轴式动力甩桶式 Double axes Dynamic drum take-up	PN400-630	φ80	25:1 BM型 type	200	40HP	φ2-20	单层/双层 Single layer/Double	200	7.5HP	MAX450	双轴扎装/轴装/扁盘卷装 Double axes bundle packing/axis packing/swaying tray coiler packing	PN500-630	5HP
ZY-WE-90	双轴式 Double axis way	PN630-800	φ90	25:1 BM型 type	250	50HP	φ3-25	单层/双层 Single layer/Double	200	7.5HP	MAX400	双轴扎装/轴装 Double axis way/axis	PN500-630	5HP

## 电力电缆押出生产线 Power Cable Extrusion Line

### 用途

用于电源线、绝缘护套、电力电缆等电线电缆生产。

### 设备组成

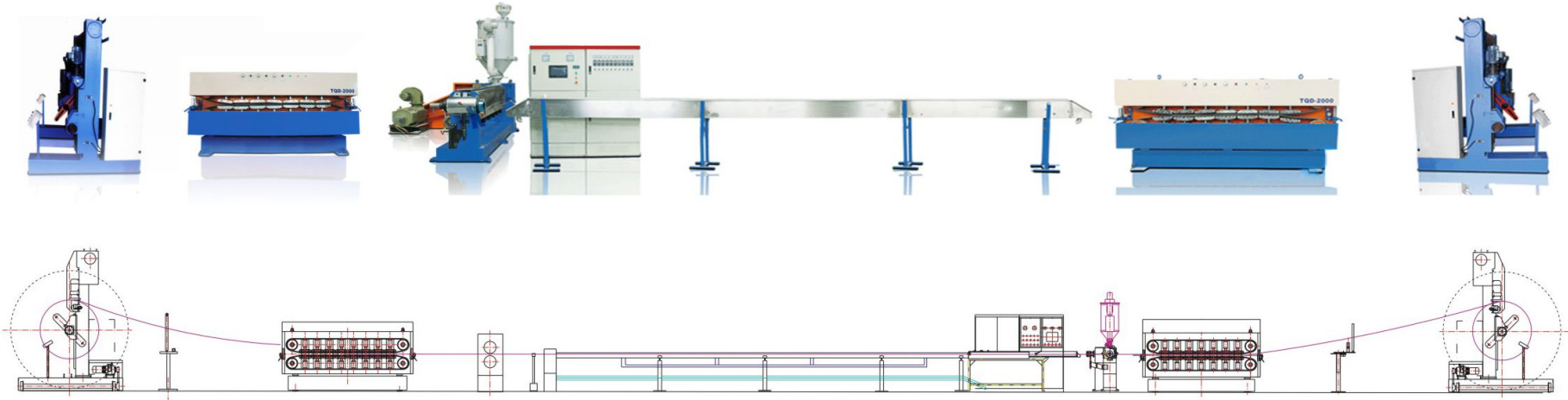
由放线架、主张力组、主机、主控柜、冷却水槽、牵引机、火花机、收线机等组成；  
 选配印字机、测径仪、PLC控制、双履带式牵引、各种规格无轴式收排放机。

### Application

It is fit for production of wire such as power line insulating coat electrical cable.

### Device element

It is made up of line pulling set, main stress team, main motor, main controlling cabinet, cooling sink, pulling machine sparking machine. You can select printer, diameter-testing instrument, PLC controlling, two belt pulling, variety of no axis drawing machine.



### 技术参数 SPECIFICATIONS

机型 Machine model	放线型式 Pay-off type	放线线轴 Pay-off bobbinsize	螺杆直径 Screw diameter	螺杆长径比 L/D of screw	挤出量kg/hr Extrusion capacity	主机功率 Main unit power	线径范围 Range of wire size	冷却装置 Cooling system	引取功率 Capstan power	出线速度 (MAX) Put line speed	收线方式 Take-up line type
ZY-WE-90	双轴式大轴 Dual axis way/max axis way	PN630-800/1250	Φ90	25:1BM型	280	50HP	Φ3-25mm	单层U形Single layers U type	7.5HP	200	双轴/大轴 Double axis way/Max axis way
ZY-WE-100	双轴式大轴 Dual axis way/max axis way	PN630-800/1600	Φ100	25:1BM型	350	70HP	Φ5-40mm	单层U形Single layers U type	10HP	200	双轴/大轴 Double axis way/Max axis way
ZY-WE-120	大轴 Max axis way	PN1600-2000	Φ120	25:1	400	100HP	Φ50-80mm	单层U形Single layers U type	15HP	150	大轴 Max axis way
ZY-WE-150	大轴 Max axis way	PN2500-3150	Φ150	25:1	600	150HP	Φ60-120mm	单层U形Single layers U type	20HP	100	大轴 Max axis way

## 物理发泡同轴电缆押出生产线 Physical Foaming Coaxial Cable Extrusion Line

### 用途

专用于生产损耗小、寿命长等优点的物理发泡聚乙烯绝缘用微同轴电缆、特种线缆与通信电缆以及数据缆等产品，特别是适合小同轴电缆的生产。  
 如：IEEE1394、CAT5E、DVI、ATA、UL2919等。

常用机型 Production model examples:

A: ZY-65+35串挤物理发泡挤出生产线 (皮+泡)



高压氮气注入系统 High pressure nitrogen injection system



B: ZY-65+35双层共挤物理发泡挤出生产线 (皮+泡或泡+皮)

### 设备特性

适应于CATV、RG、SYWV、JIS系列物理发泡生产或实芯挤出。

适应材料: FM-PE、PE。

品质标准: 达到行业标准。

发泡度: 进口高压注氮系统(Max):78%、低压注氮系统(Max):70%。

品质控制: 配备外径电容检测装置, 全程控制产品的外径, 发泡度等工艺参数。

机头: 装配物理发泡专用机头。

电控: 进口变频器+PLC触摸屏控制。

Suitable to CATV, RG, SYWV, JIS series physics foaming machine production solid core extrusion.

Suitable material: FM-PE, PE.

Foaming limit: the import high-pressure nitrogen(Max): 78%, the low pressure nitrogen system(Max): 70%.

Quality control: provides the outer diameter an the electric capacity examination equipment, entire journey control product outside diameter, foaming limit etc craft parmeter.

Aircraft: provides physics foaming the specialized application aircraft nose.

Electronic control: import conversion+touches screen to control.

### Application

Apply to produce low consumption, long life-span physical foam Polyethyleneinsulation application fine coaxial cable, special wire cable, communication cable and data cable etc. Especially suitable for small coaxial cable production.



免气调节阀  
 Nitrogen Adjusting Valve



### 技术参数 SPECIFICATIONS

生产机型 Machine type	ZY-WE-30+70+40	ZY-WE-20+35+20	ZY-WE-30+80+40
适用材料 Applied material	适用于FM-PE, PE等材料, 更换螺杆后可生产PVC, PP等其它材料 Apply to FM-PE, PE material, after change screw rod can apply		
导体线径 Conductor dia	Φ0.5-2.27mm	Φ0.2-0.8mm	Φ2.5-3.0mm
挤出后外径 Finished wire	Φ3-14mm	Φ3.0-1.5mm	Φ12-30mm
发泡度 Foam degree	82% (高压)	82% (高压)	82% (高压)
电源 Power	380V3相4线, 45KW	380V3相4线, 25KW	380V3相4线, 55KW

双层共挤化学发泡电缆押出生产线  
 Twin Layers Chemical Foaming Extrusion Line



**用途**

适用于各类高频电缆，通讯电缆，数据线，同轴电缆，射频电缆，RG，JIS 等芯线的双层共挤化学发泡或实心芯线押出。如：IEEE1394，DVI，HDMI等细和高要求的发泡线。

**Application**

Apply to all categories high frequency cable, Communication cable, data cable, coaxial cable, Rf cable, RG, JIS etc core wire double layer chemical foam or solid wire extrusion.

技术参数 SPECIFICATIONS

生产机型 Machine type	ZY-WE-30+20	ZY-WE-40+30	ZY-WE-50+35
放线型式 Pay-off type	主动式 Active	主动式 Active	主动式 Active
适用线盘 Diameter range	Φ200-300	Φ300-400	Φ300-500
绝缘外径 Insulation diameter	Φ0.2-2.5	Φ0.6-3.0	Φ0.6-5.0
挤出量 Extrusions capacity	30kg/h	50kg/h	80kg/h
主机功率 Main machine power	7.5HP	10HP	15HP
辅机功率 Sub-motor power	2HP	2HP	3HP
蓄线长度 Wire storing length	200mm	200mm	200mm
收线 Take-up line type	双轴式 3HP Double axis 3HP	双轴式 3HP Double axis 3HP	双轴式 3HP Double axis 3HP

## 薄壁汽车线高速绝缘押出生产线 Thin Insulation Automotive Wire Extrusion Line

### 用途

适用于生产汽车专用花线、低压普通电线AV、低压薄皮电线AVS、  
 低压超薄皮电线AVSS、电子照射PVC低压电线AVS、电子照  
 射PE低压电线AEX、低压压缩导体薄皮CAVS等。

### Application

It is applied to all kinds of international standard Automotive wire:  
 Blossom wire, Low-voltage universal wire AV, Low-voltage pellicle  
 wire AVS, Low-voltage super-pellicle wire AVSS, electronic irradiation  
 PVC Low-voltage AVS wire, electron irradiation PE Low-voltage wire AEX,  
 Low-voltage compressed conductor pellicle wire CAVS, etc.

### ★ 选配产品



梅花落桶收线机 Box take up machine



### 技术参数 SPECIFICATIONS

机型 Machine type	ZY-WE-50+30	ZY-WE-60+40
适用材料 Application	低烟无卤、PVC、PE、SR-PVC、PVC-丁腈复合物、辐照PVC和辐照聚烯烃料等 Low Smoke Zero Halogen PVC, PE, SR-PVC, PVC-PNB, irradiation PVC & irradiation Polyolefin materials.	
绝缘导体 Insulation wire	0.5mm-1.95mm(AWG#28-#12)	0.5mm-1.95mm(AWG#28-#12)
外被前的电线导体 Before sheath	2.0mm	2.0mm
外套后的最大直径 After sheath	5.0mm	5.0mm
线径控制精度 Precise diameter control	±0.003mm	±0.003mm
生产速度 Max.Speed	MAX.500m/min	MAX.800m/min

## 电脑排线、彩虹排线押出生产线 Computer Flat Wire And Color Flat Wire Extrusion Line

### 用途

专用于生产UL2468、2651、2678等电脑扁平排线。

### 特点

机头采用免调自定心机头，配备专用蓄线架，引进  
 台湾技术、结合多年的生产制造经验，经改良后，  
 提升了线材押出线速，解决了厚薄不均，附着力差，  
 张力不均，截断后铜线内缩等问题，断线次数及废  
 品率显著降低等优点，为排线生产厂家首选设备。

### Application

Specializes in producing computer flat line such as UL2488, 2651, 2678.

### Trait

Machine head adopts automatic type and special line-storing set. Because of  
 Taiwan technology's introduction and our many years' making experience, we  
 elevates line's extrusion speed, solve many problems such as thickness's inequality  
 poor adherence, stress's inequality, copper line's shrinking after cutting, line-cutting  
 rate and production's enabling rate sharply become low, become best choice of  
 manufacturers. Manufacturers can select big screen diameter-test instrument in  
 order to control line's width.



### 技术参数 SPECIFICATIONS

生产机型 Machine type	ZY-WE-50-26D	ZY-WE-70-26D	ZY-WE-80-25D
缸径 Cylinder diameter	Φ50mm	Φ70mm	Φ80mm
螺旋资料 Screw information	L/D-26 : 1 10-100rpm	L/D-26 : 1 10-80rpm	L/D-26 : 1 10-70rpm
押出量 Extrusions capacity	80KG/H	140KG/H	200KG/H
线速 (MAX) Line speed(MAX)	200m/min	150m/min	150m/min
供线盘 Wire supply tray	Φ300mm以下	Φ300mm以下	Φ300mm以下
押出机马达 Extruder Motor	15HP电机变频调速 15HP motor controlled inverter	30HP电机变频调速 30HP motor controlled inverter	40HP电机变频调速 40HP motor controlled inverter
并数 Combined number	1-16	1-64	1-80
引取机功率 Tows power	3HP	5HP	7.5HP
收线马达 Take-up line motor	1.5kw电机 1.5kw motor	2.2kw电机 2.2kw motor	3.7kw电机 3.7kw motor

## 高速串联挤出生产线 High Speed Tandem Extrusion Line

### 用途

适用于生产各类局域网网络线缆 (CAT5e、CAT6)、市话电缆拉丝绝缘挤出; 生产线组成: 拉丝、退火、预热、绝缘挤出、全自动收线、在线外径、偏心检测等设备。

### Application

It fits the extrusion process in making LAN cables (like CAT5e and CAT6) and insulative telephone cables. Composition of equipment: It consists of devices for such processes as wire drawing, annealing, pre-heating, insulation extruding, auto take-up, online outer diameter testing and eccentricity inspection.



### 技术参数 SPECIFICATIONS

适用材料: PVC、PE、LDPE;	Material: PVC、PE、LDPE;
进线铜导体直径: $\phi 2.5\text{mm}-3.0\text{mm}$	Inlet conductor Diameter: $\phi 2.5\text{mm}-3.0\text{mm}$
完成铜导体线径: $\phi 0.4\text{mm}-1.2\text{mm}$	Product conductor Diameter: $\phi 0.4\text{mm}-1.2\text{mm}$
绝缘生产线径: 0.9mm-2.0mm	Insulated wire Diameter: 0.9mm-2.0mm
生产线速度: MAX1200m/min	Line speed: MAX1200m/min
拉丝部分	Drawing Machine
铜线规格: per ASTM B-49-90 and B-3-90	Copper specifications: per ASTM B-49-90 and B-3-90
入线裸铜线径: 12-8 AWG(2.0-3.26mm)	Inlet copper wire: 12-8 AWG(2.0-3.26mm)
出线裸铜线径: 28-19AWG(0.32mm-1.2mm)	Outlet bare copper wire: 28-19AWG(0.32mm-1.2mm)
最大完成线径: 0.60mm to 1.50mm	Maximum finished diameter: 0.60mm to 1.50mm
运行张力: 1.1lbs.-3.85lbs.(0.5kg-1.75kg)	Running tensions: 1.1lbs.-3.85lbs.(0.5kg-1.75kg)
线速: 2500m/min	Line speed: 2500m/min

## 硅胶电线电缆挤出生产线 Silicone Gel Cable Extrusion Line

### 特点

- PLC+触摸屏操控, 全程控制、调整、监控生产线各工艺参数。
- 硅胶专用螺杆、螺筒、机头、眼模及配套防止内部硫化结构。
- 硅胶专用免对自定心机头和水冷自动或手动控制系统。
- 配置精密检测反馈系统, 确保线径精确, 大大降低了成本。

### Trait

- PLC+ Touching screen operation, complete control, adjust, monitoring production process parameters.
- Special silicon screw, screw chamber, machine head, dies to protect inside vulcanize structure.
- Special silicon auto machine heat set and auto or manual cooling system.
- Equip with precision testing feedback system to ensure OD precision so as to reduce the cost.



### 技术参数 SPECIFICATIONS

机型 Machine model	ZY-WE-50	ZY-WE-70	ZY-WE-80	ZY-WE-90
主机功率 (HP) Main motor power	10	20	30	50
挤出货量Kg/h Extrusion volume	30	60	150	250
螺杆直径 Screw diameter	$\phi 45$	$\phi 65$	$\phi 90$	$\phi 115$
长径比 L/D of screw	12 : 1	12 : 1	14 : 1	14 : 1
放线盘 mm Wire pay-off tray	$\phi 300-400$	$\phi 400-630$	$\phi 1000-1250$	$\phi 1250-1600$
放线线径 Wire pay-off diameter	0.2-3.0	0.3-5.0	5.0-50	6-65
完成外径mm Finished OD	0.8-5.0	1.8-8.0	9.0-60	10-75
硫化长度(M) Vulcanize length	12	16	24	28
加热功率(KW) Heater power	3区36kw	3区48kw	6区72kw	7区84kw
牵引功率 (KW) Traction motor power	3	4	7.5	11
生产线速M/min Production speed	6-80	6-80	4-40	4-40
收线盘 Coiler	400-500	400-630	1250-1600	1250-1600

## 辐照交联橡胶生产线 Irradiation Rubber Vulcanization Extrusion Line

选择该产品=超低设备厂房投入+低生产成本+提升效率+更环保产品

Chose the product with the advantage of ultra low-cost equipment, low-cost factory, enhance efficiency and more environment friendly.

生产工艺 Production technology



新型辐射橡胶电线电缆挤出机投入市场使橡胶线生产变的不再高不可攀，无需大量资金购买庞大设备及锅炉，也无需宽大生产厂房，仅需小额的设备投资就像生产PVC线材一样即可制造出高标准，且更环保的橡胶电线电缆（制造成本较传统硫化降低25%）。

产品完全符合UL、VDE之要求，只要您工厂附近有辐照加工工厂，您可以大胆选择，本司提供设备，生产技术辅导及原材料提供为您解决一切后顾之忧。

New Radiation rubber wire and cable extrusion product enter into marker of this machine make the rubber production line is no longer unattainable. No need huge money to purchase large equipment and boilers, no need large production plant, only a small investment in equipment manufacturing like PVC wire you can make high standards, and more environmentally friendly rubber wire and cable (lower production costs than convetional curing 25%).

Products fully comply with UL, VDE request, as long as you have shot irradiating factory nearby, you can select bold, we will provide equipment and technology to provide counseling and materials to solve all your worries.



### 用途

主要用于橡胶电线电缆的生产，可分别完成单层绝缘线缆，双层共挤电线，带色条线缆及双平线  
 缆绝缘层和护套层的挤出和连续硫化。

### Application

Mainly apply to rubber wire cable production, can separately complete single layer insulation wire cable, double layer extrusion wire, color strip cable and double parallel line wire cable insulation layer or jacket extrusion and continuous vulcanization.



### 技术参数 SPECIFICATIONS

机型 Machine model	ZY-WE-50	ZY-WE-70	ZY-WE-90	ZY-WE-100	ZY-WE-120	ZY-WE-150
挤包前直径(mm) Diameter before extrusion	0.5-3	1-5	3-15	5-20	12-36	20-60
挤包后直径(mm) Diameter after extrusion	2-5	3-10	5-25	8-25	15-42	26-70
螺旋转速(rpm) Screw RPM	60	50	50	40	30	30
长径比(L/D) Length-diameter ratio	18	18	18	18	18	18
挤出货量(kg/hr) Extrusion capacity	50	100	250	300	400	550
主机功率(HP) Main power	20	40	60	75	100	185
牵引线速度(m/min) Traction wire speed	150	120	100	80	60	40
硫化管长度(m) Vulcanizing tube length	120	120	100	100	90	90



Φ 200-小Φ 300 绞线机极细线绞线专用  
 High Speed Stranding Machine



**用途**

自动高速绞机适用于电脑排线、耳机线、电子线、电话线、汽车线等铜线绞合。

**Application**

Auto high speed twisting machine apply to copper wire twisting for computer flat cable, earphone cord, electronic wire, telephone cable, Automotive cable etc.

**技术参数 SPECIFICATIONS**

机型 Machine model	ZY-HST-200	ZY-HST-250	ZY-HST-小300
绞合 Twisting	适用七股以上的镀锌线、镀锡线、漆包线、裸铜线、铜包钢、铜包铝导体或芯线绞合 Apply to over 7 threads silver plated wire, tin plated wire, enamelled wire, naked copper wire, CCS, CCA etc super fine conductor and cored wire twisting.		
铜丝束绞后产品 Finsed wire range	19-32AWG	19-32AWG	19-32AWG
绞合断面积 Twisting section	0.0014-0.0035mm <sup>2</sup>	0.005-0.3mm <sup>2</sup>	0.0137-0.45mm <sup>2</sup>
单根线径 Diameter of single wire	Φ 0.016-0.08mm	Φ 0.03-0.16mm	Φ 0.05-0.16mm
绞距 Twisting distance	0.8-4.0mm	0.8-10.6mm(24种绞距)	1.6mm-17.1mm(24种绞距)
装铜量 Gross weight	MAX20kg	MAX20kg	MAX30kg
最高轴转速 Max highaxis rotation speed	5000转(10000扭/分) 5000RPM(10000/min)	4000转(8000扭/分) 4000RPM(8000/min)	3000转(6000扭/分) 3000RPM(6000/min)
绞向 Twisting direction	左右绞向均匀 To left or right		
排线 Flat cable	光杆排线器、排距、排幅可任意调整 Polish rod traverse unit, pitch & throw adjustable		
收线张力 Taking-up tension track	张力可调、被拉线不变型 Tension adjustable, pulled wire no deformation		
自动停机 Auto-stop machine	(1) 机内、机外断线自动刹车 (2) 自动计米、到米自动刹车 (1) Automatic brake in case of brok enwire interon or exterior (2) When the counter has to Your clesived our put length, warnings ound will be heard and the machinestops		
机用轴承 Machine using bearing	主要轴承采用瑞典产，次要采用日本产 Main bearing made in Sweden, others in Japan		
动力 Power	3HP变频调速 3HP controlled inverter	5HP变频调速 5HP controlled inverter	5HP变频调速 5HP controlled inverter
噪音指数 Noise level	约75分贝 Approx 75dB	约75分贝 Approx 75dB	约75分贝 Approx 75dB
机器尺寸(mm) Machine Dimension	(L)1800 × (W)750 × (H)850	(L)1800 × (W)750 × (H)850	(L)1900 × (W)750 × (H)950
净重 Net weight	约700kg Approx700kg	约750kg Approx750kg	约850kg Approx850kg

Φ 500- Φ 650高速绞线机  
 High Speed Stranding Machine



内部结构

用途

自动高速绞机适用于电脑排线、耳机线、电子线、电源线、电话线、汽车线、网络线等铜线绞合。

Application

Auto high speed twisting machine apply to copper wire twisting for computer flat cable, earphone cord, electronic wire,power wire,telephone cable, Automotive cable, lane cable etc.

技术参数 SPECIFICATIONS		
机型 Machine model	ZY-HST-500	ZY-HST-650
绞合 Twisting	适用七股以上的镀银线、镀锡线、漆包线、裸铜线、铜包钢、铜包铝细导体或芯线绞合 Apply to over 7 threads silver plated wire, tin plated wire, enamelled wire, naked copper wire, CCS,CCA etc super fine conductor and cored wire twisting.	
铜丝束绞后产品 Finsedwire range	18-30AWG	16-26AWG
绞合断面面积 Twisting section	0.05-2.5mm <sup>2</sup>	0.80-6mm <sup>2</sup>
单根线径 Diameter of single wire	Φ 0.08-0.41mm	Φ 0.12-0.64mm
绞距 Twisting distance	4.22mm-39.64mm30种不同绞距	
装铜量 Gross weight	MAX250kg	MAX400kg
最高轴转速 Max highaxis rotation speed	2200转(4400扭/分) 2200RPM(4400t/min)	3000转(6000扭/分) 3000RPM(6000t/min)
绞向 Twisting direction	左右绞向均匀 To left or right	
排线 Flat cable	光杆排线器、排距、排幅可任意调整 Polish rod traverse unit,pitch & throw adjustable	
收线张力 Taking-upension track	张力可调、被拉线不变型 Tension adjustable, pulled wire no deformation	
自动停机 Auto-stop machine	{ 1 } 机内、机外断线自动刹车 (2) 自动计米、到米自动刹车 (1)Automatic brake in case of brok enwire interon or exterior(2)When the counter has to Your clesived our put length, warnings ound will be heard and the machinestops	
机用轴承 Machine using bearing	主要轴承采用瑞典产，次要采用日本产 Main bearing made in Sweden, others in Japan	
动力 Power	5-7.5HP变频调速 5-7.5HP controlled inverter	10HP变频调速 10HP controlled inverter
噪音指数 Noise level	约75分贝 Approx 75dB	约80分贝 Approx 80dB
机器尺寸(mm) Machine Dimension	(L)2690 x (W)1060 x (H)1230	(L)2850 x (W)1500 x (H)1600
净重 Net weight	约2000kg Approx2000kg	约4000kg Approx4000kg

Φ 800-Φ 1000高速绞线机  
 High Speed Stranding Machine



用途

自动高速绞机适用于电脑排线、耳机线、电子线、电源线、电话线、汽车线、网络线等铜线或芯线绞合。

Application

Auto high speed twisting machine apply to copper wire or core wire twisting for computer flat cable, earphone cord, electronic wire,power wire,telephone cable, Automotive cable, lane cable etc.

技术参数 SPECIFICATIONS		
机型 Machine model	ZY-HST-800	ZY-HST-1000
绞合 Twisting	适用七股以上的镀银线、镀锡线、漆包线、裸铜线、铜包铜、铜包铝极细导体或芯线绞合 Apply to over 7threads silver plated wire, tin plated wire, enamelled wire, naked copper wire,CCS,CCA etc super fine conductor and cored wire twisting.	
绞合断面积 Twisting section	0.25-10.0mm <sup>2</sup>	1.50-16mm <sup>2</sup>
单根线径 Diameter of single wire	Φ0.38-1.0mm	Φ0.38-1.7mm
绞距 Twisting distance	22.51-155.32	35-200mm
装铜量 Gross weight	MAX900kg	MAX1200kg
最高轴转速 Max highaxis rotation speed	1200转(2400扭/分) 1200RPM(2400t/min)	800转 ( 1600扭/分 ) 800RPM(1600t/min)
绞向 Twisting direction	左右绞向均匀 To left or right	
排线 Flat cable	光杆排线器、排距、排幅可任意调整 Polish rod traverse unit,pitch & throw adjustable	
收线张力 Taking-up tension track	张力可调、被拉线不变型 Tension adjustable, pulled wire no deformation	
自动停机 Auto-stop machine	(1) 机内、机外断线自动刹车 (2) 自动计米、到米自动刹车 (1)Automatic brake in case of brok enwire interon or exterior(2)When the counter has to Your clesived our put length, warnings ound will be heard and the machinestops	
机用轴承 Machine using bearing	主要轴承采用瑞典产，次要采用日本产 Main bearing made in Sweden, others in Japan	
动力 Power	15HP变频调速 15HP controlled inverter	25HP变频调速 25HP controlled inverter
噪音指数 Noise level	约75分贝 Approx 75dB	约80分贝 Approx 80dB
机器尺寸(mm) Machine Dimension	(L)3673 × (W)1550 × (H)1650	(L)4473 × (W)2200 × (H)2300
净重 Net weight	约5000kg Approx5000kg	约8000kg Approx8000kg

**Φ1000-Φ1250弓型绞线机**  
**Bow-type Stranding Machine**

**用途**

适用于软硬铜线或铝线的绞合，KVV、RVV或市话缆四对以上的芯线成缆。

**Application**

Apply to the hard and soft copper or aluminum stranded, KVV, RVV or cabled telephone wire of more than 4 pairs core wire.



技术参数 SPECIFICATIONS		
型号 Machine type	ZY-Φ1000	ZY-Φ1250
绞合线径 Finish stranded wire/Max.(mm)	Φ8.0	Φ15.0
绞合截面积 Stranding sec.area(mm <sup>2</sup> )	1.2-38.0 ( Max. )	3.5-50.0 ( Max. )
绝缘线入线线径 Insulated wire individua(mm)	1.0-2.5 ( Max. )	1.0-3.5 ( Max. )
最大转速Max.RPM	800rpm(1600tpm/min.)	600rpm(1200tpm/min.)
转体主马达Main motor	40HP直流马达 DC Motor	50HP直流马达 DC Motor
电气控制系统 Cintrol system	触摸屏及LCD控制 Parameder controlled by touch an LCD	
上下轴方式 Bobbin model	电动刹车, 自动定位 Motor-driven, fixed position	
净重 Weight(Kgs)	9500	11000

## Φ 500立式双盘退扭机+Φ 500对绞机组 Vertical Double Bobbin Back Twist Machine

### 适用范围

本机为生产超五类及以上数据电缆对绞机反扭放线配套设备。

The machinery for the production, of more than five and over twisted pair cable data words of the anti-torsion-line of accessory equipment.



### 技术参数 SPECIFICATIONS

机型 Machine model	立式箱体式 Vertical box type
最大回转速度 Max rotation speed	MAX1000RPM
退扭率 Backtwist ratio	MAX90%无级可调 Max90% Stepless adjustable
主机马达 Main motor	旋体电机功率3.7KW变频调速1台、主动放线机0.75KW变频调速2台 3.7KW Spin motor, 1 set inverter control, initiative wire pay-off motor 0.75KW, 2 set inverter
适用线盘 Bobbin size	MAXΦ500 (外径) × MAX320 (外宽), 亦可根据客户要求订制 MAXΦ500 (OD) × Max320 (Outer Width) or made per customer request
单盘重量要求 Bobbin weight requirement	<250kg; 放线张力3-10N <250kg; Wire pay-off tension3-10N
放线盘 Pay-off tray	Φ500(外径) × Φ56 (内孔) × Φ300 (外宽) Φ500 (OD) × Φ56 (ID) × 300 (Outer Width)
主马达 Main motor	5HP, 4P Ac马达 5HP, 4PAC motor
张力范围 Tensions range	200g; 稳定可调 200g,stable and adjustable
退扭张力架 Back-twist tension stand	立式双头, 张力轮120mm, 3+4并, 精密电位器检出 Vertical double head, tension wheel 120mm, 3+4 ditch, precision potentiometer
放线装置 Pay-off device	储线架式张力感应架, 与放线电机联动, 保证恒张力放线 Reserve line tension sensor stand, linkage with pay-off motor, ensure constant tension wire pay-off
机体面积 Machine dimension	长 × 宽 × 高 (2100 × 1300 × 2000) L × W × H (2100 × 1300 × 2000)
总重 Total weight	约2200KG

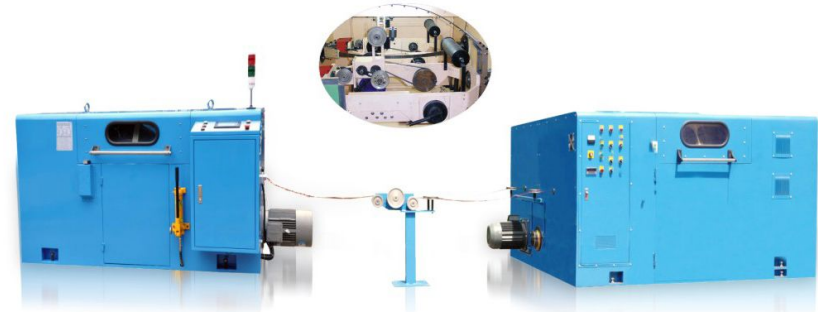
## Φ 500卧式双盘退扭机+Φ 500对绞机组 Horizontal Double Bobbin Back Twist Machine

### 用途:

主要用于高频数据电缆 LAN CABLE (CAT 6电缆)对绞之后退扭用, 使对绞时, 绝缘芯线位置交错均衡, 克服对绞时扭扭力不均, 从而使得高速对绞, 品质均匀, 节距精确。适合高频电缆对绞同步退扭。

### Application:

Backward twisting synchronize while pair twisting for frequent data cable LAN CABLE (CAT 6 cable) to Insulated core wire position interlace equilibria, overcomes to pair twist tension strength inequality, Thus make high-speed pair twist, Quality equality, Section from precisely. Adapts to high-frequency cable to twist synchronize backward twisting.



### 技术参数 SPECIFICATIONS

机型 Machine model	ZY-BT-500	ZY-BT-630
绝缘线种 Applicable wires	CCP,PEF,PVC,F/S	CCP,PEF,PVC,F/S
导体径 Conductor Dia.	Φ0.32mm-Φ1.2mm	Φ0.32mm-Φ1.2mm
给线 Pay-off	Max.1000rpm.(2000Twist)	Max.750rpm.(1500Twist)
卷取 Take-up	Max.2000rpm.(4000Twist)	Max.1500rpm.(3000Twist)
线速 Line speed	Max.300M/min	Max.300M/min
绞距 Pitch	Min.9.0mm	Min.9.0mm
线轴尺寸 Bobbin size	Max.Φ500*0.w.375mm	Max.Φ630*0.w.475mm
卷取轴装 Bobbin loading & unloading	电动升降式 Electric elevating system	电动升降式 Electric elevating system

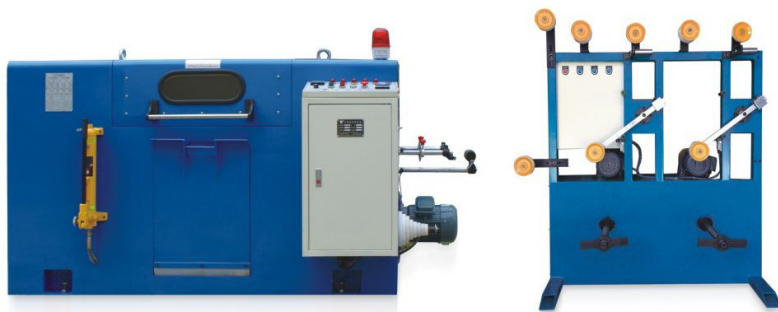
## Φ500/Φ630对绞机+主动放线机 Φ500/Φ630 Pair Twisting Machine

### 用途

适用于电话线或网络线、芯线对绞用。

### Application

Apply to stranding of telephone cable, lan cable, cored wire.



### 技术参数 SPECIFICATIONS

用途 Application	二股芯线 Two wires
回转速度 Rotate speed	最高1800转 (3600扭/分)
给线径 Wire feeding diameter	Φ0.6mm-Φ1.5mm芯线 core
绞合直径	4mm以下
绞距 Pitch	11.00mm-123.00mm
绞向 Direction	左右绞合均可 To left or right
卷取轴 Take-up shaft	外径Φ500X外宽300X内宽260X内孔Φ56mm External diameter Φ500 X Outside wide 300 X Inside hole Φ56mm
张力调节 Teusion	内部张力采用机械摩擦式/主动电机收线或离合器收线 Inner tension adopt mechanical friction type/Initiative motor wire take-up and clutch wire take-up
排线 Flat track	轴承式排线、排幅、排距可调 Bearing flat cable, row breadth, row distance to be allowed to adjust.
驱动马达 Driver motor	5HP 马达+变频调速 5HP motor+Controlled inverter
制动 Breake automatically	电磁刹车 Electromagnetic brake
据付面积 Diamention	L2690 X W1480 X H1460
重量 Weighe	约2200kg ApproX2200kg

## 返燃退扭机 Horizontal Re-burned Anti-twisting Machine

### 用途

配合成缆机适用，生产高频电缆达到退扭作用。

### Application

With a cable machine for production the role of high-frequency cable to back twist.



### 技术参数 SPECIFICATIONS

机型 Machine model	400退扭机 Back twist machine	500退扭机 Back twist machine	600退扭机 Back twist machine
适用线径 Application wire to twisted	Φ0.8mm-Φ0.4mm	Φ0.8mm-Φ0.4mm	Φ0.8mm-Φ0.4mm
线盘尺寸 Reel take-up	Φ400mm	Φ500mm	Φ630mm
退扭方向 Retreat diection	S、Z可任意切换 Exchange wrapping diection "S" or "Z"		
张力范围 Tension range	100g-3000g	100g-3000g	100g-3000g
动力 Power	5HP	5HP	5HP
机械尺寸 Machine feeding	L x W x H=2100mm x 1680mm x 1420mm(以头数而定)(Earnt fix)		
净重 Weight	1850KG (以头数而定) (Carnt and fix)		

## Φ 500卧式高速悬臂单绞机 Horizontal Cantilever Single Twisting Machine

### 用途

HDMI、DP、USB、CAT-7等高频线、数据线、电子芯线对绞及多绞合。

### Application

HDMI、DP、USB、CAT-7 and so on high frequency cable, data cable, electrical core wire and many kinds of pair twisting.



### 技术参数 SPECIFICATIONS

机型 Machine model	500卧式高速悬臂单绞机 500 Horizontal high speed cantilever twister
芯线规格 Core specification	AWG32-AWG20
绞合外径 Twisting out dia.	Φ 4.0mm
绞距范围 Lay scope	15-60mm
机器转速 Max rpm	MAX1000RPM
机器动力 Power	主机: 5HP/放线: 1/2HP a, Main engine: 5HP/Pay-off: 1/2HP
芯线张力 Core tension	直线滑轨+滑块重锤式机械杠杆+滑块移动式, 配有张力检测显示 Linear Guideways + Slide weight hommer type/Mechanical lever + Slide moving, with the tension test
包带张力 Taping tension	恒张力电磁刹车/自动张力跟踪位, 包带张力从满盘到空盘保持恒定, 不须人工调整 Constant tension electromagnetism brake wheel/Automatic tension trace instrument, taping tension keep constant from start to end.
收张张力 Take-up tension	电磁张力, 自动跟踪, 收线张力从满盘到空盘保持恒定, 不须人工调整 Electric tension, by itself, take-up tension keep constant from start to end.
排线方式 Traversing style	轴排式收线, 线材排过程中无推/拉力损伤, 排幅排距根据线材规格任意设定 Shaft arrange take-up, no damage in product process, the size could be established by yourself.
机器制动 Brake of machine	悬臂主轴: 碟式刹车/收线卷取: 电磁刹车 The main shaft of cantilever: Dish type brake/Take-up volume: Electromagnetism brake
放线型式 Pay-off type	三头动力放线, 双频调速, 与主机联动控制, 设断线保护功能 Three power pay-off, adjust the speed by motor drivers, controlled with main machine by linkage, and establishment the protection of line break
放线线轴 Shaft of take-up	300-500线轴通用 300-500 general shaft
收线线轴 Shaft of pay-off	400-500线轴通用 400-500 general shaft
外型尺寸 Size of overall	长度4250×宽度1200×高度1500 Length4250×Width1200×Hghly1500

## Φ 400立式高速HDMI对绞机 Vertical Single Twisting Machine

### 用途

HDMI泡皮芯线对绞双层铝箔包带一次完成, 收线、放线张力、自动跟踪、包带张力恒定如一(自由设定)。

### Application

HDMI foam skin-core line to be able to double aluminum foil with a complete package, or lines, release of tension, automatic tracking, with packages like a constant tension ( set free ) .



### 技术参数 SPECIFICATIONS

机型 Machine model	Φ400立式高速HDMI对绞机 Φ400 Vertical HDMI pair stranding machine
收线盘 Take-up wire plate	标准ABS盘: 外径Φ400×外宽300×内宽265×内孔Φ56mm Standard ABS plate: Outside diameter Φ400×Outside wide300×Inside wide265×hole diameterΦ56mm
两重绞距范围 Twisting pitch	15mm-60mm
回转速度 Speed of rotation	800rpm/分 800rpm/min
马达功率 Motor power	三相380V1.5KW 双频调速 Three-phase voltage 380V 1.5kw controlled inverter
计米 Counter	五位数光电感应计米 Photoelectric control counter
收线张力 Taking-up tension track	2.5KG自动磁粉张力控制 2.5KG Automatic magnetic tension control
包纸 Package paper	单层或双层 Single layer or double layer
放线型式 Pay-off type	三头动力放线, 双频调速, 与主机联动控制, 设断线保护功能 Three power pay-off, adjust the speed by motor drivers, controlled with main machine by linkage, and establishment the protection of line break

## Φ630-Φ800悬臂式高速单绞成缆机 Cantilever High Speed Single Twisting Machine

### 用途:

本设备主要用于数据电缆、HDMI线缆、动力电缆、裸铜线（细线）、屏蔽层电缆、控制电缆等电缆多条集成缆。

### 构成:

单绞主体，电控系统。  
 中心包带机，侧放包带架及放线等组成。



**Application:** The machine mainly apply to multiple cabling of data cable, HDMI wire cable, power cable, naked copper wire (fine wire), shielding layer cable, control cable etc.

**Configuration:** Single stranding main unit, electric control system, Centre wrapping machine, side-way giving wrap & wire device.



### 技术参数 SPECIFICATIONS

机型 Machine model	ZY-ST-630	ZY-ST-800
单线直径 Single wier OD	Φ0.5-Φ3.0mm	Φ0.8-Φ3.0mm
最大绞合线径 Max stranding OD	Φ12mm	Φ20mm
排线节距 Traverse pitch	2-12mm	3-20mm
绞合转速 Speed	Max800rpm	Max600rpm
绞合节距 Twisting pitch	20-200mm	20-300mm
放线盘规格 Pay-off bobbin size	Φ500mm	Φ500-Φ630mm
收线盘规格 Take-up bobbin size	Φ630mm	Φ800mm

### 特点

- 1、电脑节距、无引取轮、动力排线、线缆过线路径增大转向导轮直径以尽量减少线缆弯曲；
- 2、绞线主体悬臂式结构，回转体旋转惯性小，转速高，运转平稳；
- 3、卷取箱沿直线导轨左右移动线盘，节距稳定无级可调，绞合线缆排位整齐，张力均衡；
- 4、与传统单绞机相比，避免高速时排位丝杆断裂带来的不安全因素；
- 5、装卸线盘方便，劳动强度小。

### Traits

- 1、Computer control pitch, non-tension traction wheel, motion wiring, wire cable passing path, increase the traction wheel diameter to reduce the wire cable curve.
- 2、Stranding main unit cantilever arm structure, revolving body with low rotating inertia, high RPM and steable speed.
- 3、Coiling box move trays left and right along the slideway, pitch steable with stepless adjusting, stranding wire cable ranking neat, balance tension.
- 4、Compared with traditional single stranding machine, it has the advantage of avoiding screw rod breaking at high speed.
- 5、Tray loading and discharging easy with low labour consumption.



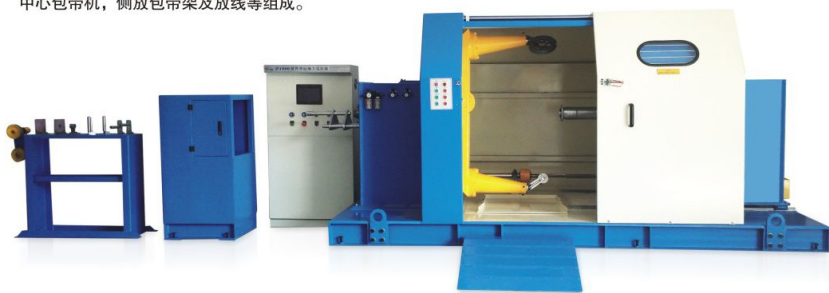
## Φ 1000-Φ 1250悬臂式高速单绞成缆机 Cantilever High Speed Single Twisting Machine

### 用途:

本设备主要用于数据电缆、HDMI线缆、动力电缆、裸铜线（细线）、屏蔽层电缆、控制电缆等电缆多条集成缆。

### 构成:

单绞主体，电控系统。  
 中心包带机，侧放包带架及放线等组成。



**Application:** The machine mainly apply to multiple cabling of data cable, HDMI wire cable, power cable, naked copper wire (fine wire), shielding layer cable, control cable etc.

**Configuration:** Single stranding main unit, electric control system, Centre wrapping machine, side-way giving wrap & wire device.



### 技术参数 SPECIFICATIONS

机型 Machine model	ZY-ST-1000	ZY-ST-1250
单线直径 Single wire OD	Φ 1.0-Φ 5.0mm	Φ 1.0-Φ 5.0mm
最大绞合线径 Max stranding OD	Φ 25mm	Φ 30mm
排线节距 Traverse pitch	3-30mm	3-35mm
绞合转速 Speed	Max 500rpm	Max 450rpm
绞合节距 Twisting pitch	20-400mm	30-500mm
放线盘规格 Pay-off bobbin size	Φ 500-Φ 630mm	Φ 500-Φ 630mm
收线盘规格 Take-up bobbin size	Φ 1000mm	Φ 1250mm

### 特点

- 1、电脑节距、无引取轮、动力排线、线缆过线路径增大转向导轮直径以尽量减少线缆弯曲；
- 2、绞线主体悬臂式结构，回转体旋转惯性小，转速高，运转平稳；
- 3、卷取箱沿直线导轨左右移动线盘，节距稳定无级可调，绞合线缆排位整齐，张力均衡；
- 4、与传统单绞机相比，避免高速时排位丝杆断裂带来的不安全因素；
- 5、装卸线盘方便，劳动强度小。

### Traits

- 1、Computer control pitch, non-tension traction wheel, motion wiring, wire cable passing path, increase the traction wheel diameter to reduce the wire cable curve.
- 2、Stranding main unit cantilever arm structure, revolving body with low rotating inertia, high RPM and steable speed.
- 3、Coiling box move trays left and right along the slideway, pitch steable with stepless adjusting, stranding wire cable ranking neat, balance tension.
- 4、Compared with traditional single stranding machine, it has the advantage of avoiding screw rod breaking at high speed.
- 5、Tray loading and discharging easy with low labour consumption.

## Φ 630-Φ 800 悬框式单绞成缆机 Frame PLC Single Twisting Machine

### 用途

适用于各种电源线、数据线缆、通讯线缆、以及其他特种线缆芯线成缆绞合，并同时完成中心包带以及侧放包带。

### Application

Suitable for all kinds of power cable, communication cable, other special cores become cable, and simultaneously completes the central wrapping and the side wrapping.

电气控制：机械式绞距控制和电脑式绞距控制两种机型。

Electrical Control: Mechanical type pitch control & PLC type pitch control.



技术参数 SPECIFICATIONS		
机型 Machine model	ZY-ST-630	ZY-ST-800
供线抽尺寸 Pay-off bobbin size	400mm-Φ500mm	400mm-Φ500mm
卷曲抽尺寸 Take-up bobbin	标准冲压铁盘: 外径Φ630X外宽X390内宽360X内孔Φ80mm <small>Standard pressing iron plate: External diameter:Φ630XOuter width:390XInner width:360XInner hole:Φ80mm</small>	标准冲压铁盘: 外径Φ800X外宽X600内宽500X内孔Φ80mm <small>Standard pressing iron plate: External diameter:Φ800XOuter width:600XInner width:500XInner hole:Φ80mm</small>
适用线径 Bobbin size	Φ0.6mm-3.0mm	Φ1.0mm-4.0mm
最大绞合外径 Finished diameter	Φ10mm	Φ15mm
绞距 Twist Pitch	20-200mm无级调节 20-200mm stepless speed regulation	30-300mm无级调节 30-300mm stepless speed regulation
回转速 Rotation speed	700rpm	500rpm
上下现盘 Loading type	液压升降 Hydraulic pressure increase or decrease	液压升降 Hydraulic pressure increase or decrease
排线方式 Traverse	丝杆往复排线 Screw roud-trip pay-off line	丝杆往复排线 Screw roud-trip pay-off line
收线张力 Take-up tenion	气动 Air-lifting	气动 Air-lifting
绞向 Twisting direction	S、Z向可自由选定 Exchange wrapping direction "S" or "Z"	S、Z向可自由选定 Exchange wrapping direction "S" or "Z"
包带型式 Wrapping type	中心绕包或侧包 Central or fland circle	中心绕包或侧包 Central or fland circle
包带装置 Wrapping device	通用棉纸、麦拉带、铝带 Apply cotton, myvar tape and aluminum foil	通用棉纸、麦拉带、铝带 Apply cotton, myvar tape and aluminum foil
重量 Weight	约2300kg Approx 2300kg	约3200kg Approx 3200kg

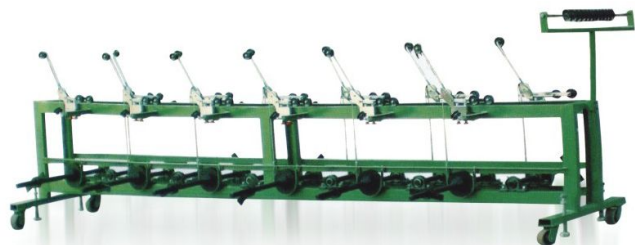
## Φ 1000-Φ 1250悬框式单绞成缆机 Frame Single Twisting Machine

### 用途

适用于控制电缆、通讯电缆、电源线等PE或PVC被覆芯线绞合及中心包或侧放包带一次性完成。

### Application

Apply to one-time completion of PE or PVC covered core wire twist & center wrapping or side wrapping for cable, communication cable, power cable etc.



### 技术参数 SPECIFICATIONS

机型 Machine model	ZY-ST-1000	ZY-ST-1250
单线直径 Single wire OD	Φ1.0-Φ5.0mm	Φ1.0-Φ6.0mm
最大绞合线径 Max stranding OD	25mm	30mm
绞距 Stranding distance	40-350mm	40-500mm
放线盘规格 Pay-off bobbin size	Φ400-630mm	Φ500-630mm
收线盘规格 Take-up bobbin size	Φ1000mm	Φ1250mm
回转速度 Rotation speed	Max450rpm	Max300rpm
主机功率 Main motor	20HP变频调速 20HP Inverter	30HP变频调速 30HP Inverter
刹车器 Brake	气压碟式刹车器 Pneumatic/hydraulic disc brake	
包带 Wrapper	2HP变频调速 2HP inverter	2HP变频调速 2HP inverter

## 高速缠绕/编织机 High Speed Winding/Braiding Machine

### 用途

适用于电脑、手机、计算机、电视机、录音机、音响系统、电子、电路等屏蔽线。

### Application

Applicable to computers, mobile phones, televisions, tape recorders, audio systems, electronics, such as shielding circuit.



### 技术参数 SPECIFICATIONS

主轴转速 Main shaft speed	800rpm
动力 Power	2HP 4线三相 4wire, 2phase 380v/2HP 4Line Three xiang 4wire, 2phase 380v
变频器 Motor and Electricity	2HP无级调速 2HP Vs motor, (from Taiwan)
适用芯线范围 Core Size	Φ0.5mm-Φ4.0mm
适用铜线范围 Core Size	Φ0.06mm-Φ0.18mm
绞距 Shielding Pitch	8.5-40mm
放线盘尺寸 Pay-off spool size	Φ400mm × Φ200 × 127mm Φ155mm × Φ56mm
收线盘尺寸 Take-up spool size	Φ400mm × Φ200 × 265mm Φ297mm × Φ56mm
工作台放线盘 Take-up spool size	56盘 × D130 × D60 × 内档120mm × 孔Φ20mm / 56pan × D130 × D60 × inside file 120mm × 孔Φ20mm
总重 Gross	622kg

## 单层、双层包纸机系列 Single/Double Layers Taping Machine



双层电脑式包纸机 Taping machine

单层包纸机 Taping machine

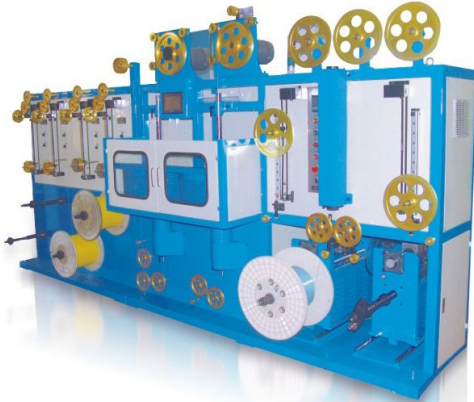
### 包纸机技术参数 SPECIFICATIONS

机型 Machine model	ZY-630(双)层立式包带机 Vertical taping machine	ZY-800(双)层立式包带机 Vertical taping machine
芯线规格 Core specification	Φ0.6mm-Φ15mm	Φ0.6-Φ15mm
包带材料 Taping material	铝箔带、麦拉带、棉纸带、透明带、云母带、铁氟龙带 Aluminum foil tape, cotton paper tape, transparent tape, mica tape, teflon tape	
机器转速 Max. rpm	MAX2500RPM	MAX2500RPM
绕包头种类 Taping head	同心式绕包 Wrapping	同心式绕包 Wrapping
包带张力 Taping tension	张力自动调节 Automatic tension control	张力自动调节 Automatic tension control
适用带盘线径 Wire dia.	外径 Φ250-Φ300mm; 内孔: Φ50mm	外径 Φ250-Φ300mm; 内孔: Φ50mm
放线盘 Pay off bobbin	客户自配 Customers	客户自配 Customers
收线盘径 Take up bobbin dia.	Φ630	Φ800
引取轮直径 Castan dia.	Φ400	Φ400
马达功率 Motor	三相380V 2HP变频调速	三相380V 2HP变频调速
引取功率 Castan motor	1.5KW减速电机	1.5KW减速电机
收线装备 Take up unit	变频收线	变频收线

## 数控式单、双层立式包纸机 NC Single (Double) Vertical Taping Machine

**用途:**  
 适用于DVI、HDMI、ATA、SATA、IEEE1394等高频数据线单双层包带，同步完成热融缩带加热自粘工作。

**Application:**  
 Suitable for be tapped frequency data cables of DVI、HDMI、ATA、SATA、IEEE1394, and completing heating and self adhesion process for hot shrink belt synchronously.



包带盘



### 技术参数 SPECIFICATIONS

机型 Machine model	φ500数控式双层/单层立式包带机 φ500 Numerical control type double layer/Single vertical taping machine	
芯线规格 Core specification	AWG32-AWG20	
包带材料 Taping material	铝箔带、麦拉带、棉纸带、透明带、云母带、铁氟龙带 Aluminum foil tape, cotton paper tape, transparent tape, mica tape, teflon tape	
机器转速 Max. rpm	MAX2000rpm / MAX28m/min	
机器动力 Power	1HP马达配双频调速，包带盘与引取马达联动 Adjust the speed by 1HP motor drivers, taping drum and directs motor linkage	
包带张力 Taping tension	包带张力自动演算追踪，从满盘到空盘保持恒张力，不须人工调整 Taping tension keep constant from begin to end	
收线张力 Take-up tension	收线张力从满盘到空盘保持恒定，不须人工调整 Take-up tension keep constant from begin to end	
热缩烘箱 Heat oven	移动式伸缩式热缩烘烤箱，RKC温控，温度公差：±1℃ Mobile telescopic hot oven, RKC temperature control, temperature tolerance: ± 1℃	
收排方式 Pay-off type	轴排式收线，线材排位过程中无推/拉力损伤，排幅排距根据线材规格任意设定 Axis take-up, wire no push/pull injury qualifying process, row width and row spacing is set according to the specification of wire of arbitrary	
放线线轴 Shaft of pay-off	φ300-φ500线轴通用	φ300-φ500 general shaft
收线线轴 Shaft of take-up	φ400-φ630线轴通用	φ400-φ630 general shaft
整机尺寸 Size of overall	4150 × 1400 × 1900	
整机重量 Weight of overall	2T	

## 数控式单、双层卧式包纸机 NC Single (Double) Horizontal Taping Machine

**用途:**  
 适用HDMI、Display port、USB3.0、USB3.1、SATA、铜线导体及绝缘芯线或护套线连续多层(或单层)中心绕包  
 适用材料：铝箔、透明麦拉、云母带、亚胺带、棉纸、铁氟龙带。

**Applicable:**  
 Suitable for HDMI, Display port, USB3.0, USB3.1, SATA, copper conductor and insulating core wire or sheath cable continuous multilayer (or single) centers around the package  
 Materials: aluminum foil, transparent, mica tape, imine belt, cotton, Teflon tape



### 技术参数 SPECIFICATIONS

放线电机功率 Pay off motor power	4台1HP齿轮减速马达 Four 1HP gear reduction motors
包带电机功率 Take up motor power	主电机3HP副电机1.5HP 变频调速 Hosters motor 3HP Pair motor 1.5HP tranaduce control
收线电机功率 Take up motor power	2HP 交流电机，变频调速 2HP AC motor, tranaduce control
包带张力控制 Tap tension control	电磁磁粉离合器控制 Electromagnetic particles clutch control
收线张力控制 Take up tension control	张力自动跟踪 Tension automatic tracking
加热方式 Heating mode	电阻加热，自动控制 Resistance heating, Automatic control
排线装置 Rolling unit	轴排式 Axes model

## 微电脑自动摇盘机 Microcomputer Coiling Machine



### 功能特色

- 可直接伸出机或放线机绕线。
- 触控式荧屏介面（人机介面），可使您更容易的操作机器。
- 本机使用伺服马达排线系统可使排线动作更协调，线卷更美观。
- 当有问题时，会自动侦测到错误，且会发出警讯提醒操作者。
- 微电脑记忆体可储存99种不同线卷规格。
- 当你已输入产品规格于微电脑记忆体时，如果你需要变更产品规格时，只要读取已储存之格式资料即可，不需要调整机器结构，使操作更简便。

### Features

- Auto-coiling wire from an extrusion line or from the pay-off machine.
- Screen touch Graphic Operation Terminal makes it easy to operate.
- Servo motor traversing system produces coil with smooth surface.
- The machine will automatically detect the fault, and give alarm.
- You may input and keep 99 types of coil data in the PLC memory.
- It is unnecessary to adjust any device when change coil size to another.

技术参数 SPECIFICATIONS					
机型 Machine model	高度 Height(mm)	外径 Outside Diameter O.D (mm)	内径 Inside Diameter I.D (mm)	线径 Cable Diameter (mm)	转速 Rotation speed (RPM)
C0836	40-80	180-360	120-200	0.8-6	1000
C1246	50-120	200-460	140-220	1-12	800
C1860	60-180	220-600	180-250	5-15	700
C2480	80-240	300-800	250-320	10-25	700

## 环形物微电脑自动包膜机 Circular Shape Automatic Wrapping Machine

### 功能特色

- 使用PVC、PE胶膜、PP编织纸，以高速度之方式卷绕包装。
- 触控式荧屏介面（人机介面），更易于机械的操作。
- 采用抱线手臂式，由直流马达驱动，旋转抱线平滑顺畅。
- 采用电动的方式，调整抱线手臂之大小，不需人工调整，使更换产品的规格时，更快速方便。
- PLC自动控制系统之电脑包装机，工作稳定度高，并可记忆99组不同的包装规格。

### Features

- High speeds coil wrapping with PVC, PE film, PP woven band, or paper.
- Screen touch Graphic Operation Terminal makes it easy to operate.
- The 4 arms carrier, driven by DC motor, turns the coil smoothly for wrapping.
- You may input and keep 99 types of coil wrapping data in the PLC memory.



技术参数 SPECIFICATIONS							
机型 Machine model	高度 Height(mm)	外径 Outside Diameter O.D(mm)	内径 Inside Diameter I.D(mm)	包装物重量 Coil Weight (Max.)	包装材料 Wrapping Material	包装材料宽度 Width of packing material(mm)	包装材料厚度 Thickness of packing material(mm)
P70	30-70	200-360	140	25kg	PVC、PE胶膜 PVC、PE film	45	0.04-0.07
P100	50-100	220-460	150	35kg	PVC、PE胶膜 PVC、PE film	45	0.04-0.07
P120	70-120	220-460	160	40kg	PVC、PE胶膜 PVC、PE film	55	0.04-0.07
P140	70-140	300-600	180	100kg	PVC、PE胶膜、PP编织带或皱纹纸 PVC、PE film Pp woven band Paper	55	0.04-0.07
P18	090-180	320-600	200	150kg	PVC、PE胶膜、PP编织带或皱纹纸 PVC、PE film Pp woven band Paper	75	0.04-0.07
P210	100-210	400-800	250	200kg	PVC、PE胶膜、PP编织带或皱纹纸 PVC、PE film Pp woven band Paper	75	0.04-0.07

## 全自动微电脑摇盘包膜一体机 Automatic PLC Coiling and Wrapping Machine

### 用途:

适用于布电线的成圈包装及包膜。

### 特点:

- 1.效率高,成圈包膜一体化、节省人工。
- 2.包装成品外观整齐、漂亮,更有利于布电线的销售。
- 3.提高了设备利用率,省掉传统的倒轴包装工序。
- 4.可根据客户实际情况,把本机与生产线连在一起,或是单独倒轴生产。

### Application:

It is suitable for the coiling and film wrapping of wire.

### Characteristics:

- 1.High efficiency,combined coiling & film wrapping,save labor cost.
- 2.The finished products are packed neatly,helping the sales of BV wire.
- 3.The utilization of equipments is increased and the rewinding and package machines can be saved.
- 4.It can be aligned with the whole extrusion line or rewinding independently according to user,s real situation.

技术参数 TECHNICAL PARAMETER			
机械型号 Model type	YPJB1246	YPJB1860	
排线高度(mm) Traverse height(mm)	40-100	60-180	
最大外径(mm) Colier Max OD(mm)	Φ400	Φ600	
内径范围(mm) Colier Min OD(mm)	Φ140-200	Φ200-300	
线径范围(mm) Ranfe of Wire(mm)	Φ1-5	Φ2-16	
平均速度(m/min) Speed(m/min)	200	150	
包膜速度(个/分钟) Wrapping Speed(pcs/min)	2	1.5	



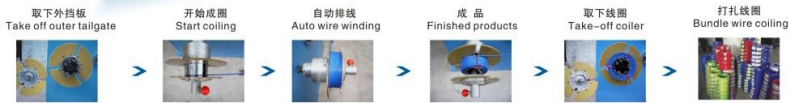
## 高速自动成圈打扎机 High Speed Automatic Coiling Machine

### 用途

适用于0.5-6mm<sup>2</sup>电线及小截面电缆的成圈及打扎, 该产品生产效率高、排线质量处于国内外同类产品先进水平。

### Application

Adaption on 0.5-6mm<sup>2</sup> electric wire and small sectional cable become the circle and hit pitchine, this production is high in efficiency, arrange line auality is in the advanced level of the domestic and international like product.



### 技术参数 TECHNICAL PARAMETER

放线方式 Pay-off type	蓄线张力放线 Own pay-off line
排线方式 Arrange line type	自动排线 Automatic arrange
主机转速 Main machine rotation speed	0-600转/分 0-600rpm/min
线扎外径 Line grips outer diameter	≤ φ310mm
线扎槽数 Line grips trough quantity	3槽 3 trough
适用范围 Suitable scope	适用于0.5-6mm <sup>2</sup> 电线及小截面电缆的成圈及打扎 Suitable 0.5-6mm <sup>2</sup> electric wire or small truncation cable becomes the circle grips
放线盘尺寸 Pay-off line disc dimension	≤ φ630mm
电机功率 Motor power	2HP(1.5KW)
线扎内径 Line grips inside diameter	φ120mm
线扎高度 Line grips high	30-100mm
每班产量 Each class output	700扎左右 (8小时) 700 grps(8 hours)

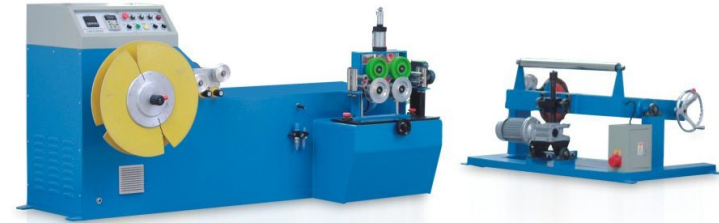
## 中截面电线自动成圈机 Medium Cross-section Automatic Coiling Machine

### 用途:

中截面适用于10-70mm<sup>2</sup>单支电线及线径小于20mm圆形护套线的成圈及打扎, 设备由放线架、高精度计米器与大截面自动排线成圈主机三部分组成。

### Application:

Medium cross-section automatic wire coiling machine is high-tech product developed according to market demand. It is suitable for 10-70mm<sup>2</sup> single wire, Less than 20mm round jacket wire to wrap and bar. By pay-off frame, high-precision meter counter and a large section of cable into the ring automatically host of three parts.



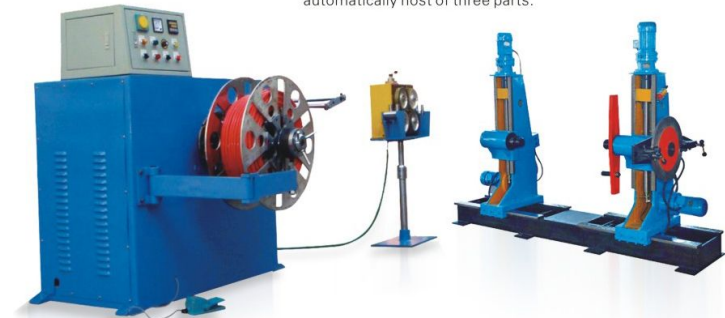
## 大截面电线自动成圈机 Big Cross-section Automatic Coiling Machine

### 用途:

大截面适用于50-240mm<sup>2</sup>单支电线及线径小于30mm圆形护套线的成圈及打扎, 设备由放线架、高精度计米器与大截面自动排线成圈主机三部分组成。

### Application:

Large cross-section automatic wire coiling machine is high-tech product developed according to market demand. It is suitable for 50-240mm<sup>2</sup> single wire, Less than 30mm round jacket wire to wrap and bar. By pay-off frame, high-precision meter counter and a large section of cable into the ring automatically host of three parts.





**卧式网状双轴成圈机 Horizontal Double-axis Take up Machine**



**用途**  
 适用于数据线缆八字形网状收线，并进一步箱式包装只用，配合护套挤出生产联动适用。

**Application**  
 It is suitable for mesh shape take up process in making data cables and for packing in boxes. It is used as supportive equipment for jacketing extrusion line.

**立式网状成圈机 Vertical Coiling Machine**



**用途**  
 适用于数据线缆八字形网状收线，并进一步箱式包装只用，配合护套挤出生产联动适用。

**Application**  
 It is suitable for mesh shape take up process in making data cables and for packing in boxes. It is used as supportive equipment for jacketing extrusion line.

**网络线全自动成圈机 Network Automatic Coiling Machine**



**用途**  
 适用于数据线缆八字形网状收线，并进一步箱式包装只用，配合护套挤出生产联动适用。

**Application**  
 It is suitable for mesh shape take up process in making data cables and for packing in boxes. It is used as supportive equipment for jacketing extrusion line.

**龙门式收、排放线机 Gate Take up & Pay off Machine**

**用途**

主要用于各种大径线缆的收卷成盘。

**Application**

They are mainly used to roll up all kinds of cables with big diameter.



**技术参数 SPECIFICATIONS**

机型 Machine model	ZY-2000	ZY-2500	ZY-3150	ZY-3500	ZY-4200	ZY-4500	ZY-5000
适用线盘规格 Specification of suitable wire coil	PN1000-PN2000	PN1600-PN2500	PN1600-PN3150	PN2000-PN3500	PN2000-PN4200	PN2500-PN4500	PN3000-PN5000
适用线盘宽度 Width of suitable wire coil	750-1500	1180-1900	1180-2300	1500-2300	1500-2400	1900-2500	1900-2500
适用电缆外径 External diameter of suitable cable	≤25	≤45	≤80	≤100	≤120	≤120	≤150
最大载重量 Maximal load capacity	10T	12T	18T	20T	25T	30T	35T
收线转速 (rpm) Take-up speed	6.2-25.6	4.9-20.6	3.3-13.8	3.3-13.8	3.3-13.8	3.3-13.8	3.3-13.8
收线电机 (直流) Take-up electric engine (direct current)	5.5	5.5	7.5	7.5	7.5	11	11

## 端轴式收排放线机 Shaftless Take up (pay off) Machine

### 用途

主要用于各种线缆的收卷成盘。

### Application

They are mainly used to roll up all kinds of cables.



技术参数 SPECIFICATIONS					
机型 Machine model	ZY-1250	ZY-1600	ZY-2000	ZY-2500	ZY-3150
适用线盘规格 Specification of suitable wire coil	PN800-PN1250	PN800-PN1600	PN1250-PN2000	PN1600-PN2500	PN1600-PN3150
适用线盘宽度 Width of suitable wire coil	600-950	600-1180	950-1500	1180-1900	1180-2300
适用电缆外径 External diameter of suitable cable	≤25	≤35	≤50	≤60	≤100
最大载重量 Maximal load capacity	4T	5T	10T	12T	18T
收线转速 Take-up speed	18.8-47.6	18.8-47.6	6-15.5	6-15.5	3.27-13.79
升降电机 Elevating motor	1.1	1.1	1.5	1.5	2.2
移动电机 Moving motor	0.75	0.75	1.1	1.1	1.5
收线力矩电机 Take-up torque motor	JLJ132-40/4	JLJ132-40/4	JLJ160-60/6	JLJ160-60/6	JLJ160-60/6
排线形式 Traversing form	丝杆排线 Traversing	丝杆排线 Traversing	丝杆排线 Traversing	丝杆排线 Traversing	丝杆排线 Traversing
排线节距 (mm) Traversing pitch	5-40	5-40	10-80	10-100	25-140

## 履带式牵引机 Caterpillar Haul-off Unit

### 用途

主要用于各种线缆的牵引。是各种挤压机、铠装机/屏蔽机等生产线最为理想的牵引设备。

### Application

They are mainly used to draw all kinds of cables. They are the most perfectly pulling equipment for the production line of the extruder, the armouring machine and the shielding machine.



技术参数 SPECIFICATIONS							
机型 Machine model	ZY-TQD-500	ZY-TQD-800	ZY-TQD-1250	ZY-TQD-1600	ZY-TQD-2000	ZY-TQD-2500	ZY-TQD-3200
线缆通过外径 External diameter of general cable	Φ1-Φ60	Φ5-Φ80	Φ5-Φ100	Φ5-Φ120	Φ5-Φ150	Φ5-Φ180	Φ1-Φ60
最大牵引力 (KG) Maximal tractive force	500	800	1250	1600	2000	2500	3200
牵引速度 (m/min) Traction speed	0-100	0-100	0-100	0-60	0-60	0-50	0-45
履带接触长度 (mm) Track length	750	1300	1600	1900	2300	2300	2600
履带宽度 (mm) Track width	80	100	120	130	150	150	160
线缆中心高 (mm) Center height of cable	1000	1000	1000	1000	1000	1000	1000
气缸对数 Log of cylinder	3	4	5	6	7	7	8
电机功率 (KW) Power of motor	5.5	5.5	7.5	11	15	15	18.5

## 微电脑高速精密裁线机 Microcomputer Precision Cutting Machine



**用途:** 适用于各种线缆之定长裁断。  
**Application:** Apply to all kinds of wire cable length fix cutting

**性能特征**  
 采用PLC微电脑+伺服系统+气动控制, 由整直机构、计米装置、皮带牵引机构、裁线机构、送线机构、皮带拖线机构和推线机构组成。裁线长度、每匝根数、裁线累计米数可以任意设定。

**Characteristic**  
 Adopt PLC micro computer + servo system + Pneumatic control, constitute of Strengthen device, meter counting device, belt drive system, wire cutting device, wire feeding device, belt dragging device and wire push device. Cutting length, wire quantity of each bundle and accumulating length can be set freely.

技术参数	SPECIFICATIONS
用途 Application	适用于各类电源线、插头线、电子连接线的裁断成扎 Apply to all kinds of power cable, plug wire and electronic connecting cables cutting and tie into bundles.
切断能力 Cutting capacity	圆型线 $\Phi 4.0\text{mm} - \Phi 14\text{mm}$ 平型线 $2.0 \times 4.0\text{mm} - 11 \times 24\text{mm}$ Round cable $\Phi 4.0\text{mm} - \Phi 14\text{mm}$ Flat cable $2.0 \times 4.0\text{mm} - 11 \times 24\text{mm}$
最小切除长度 Min. Removal length	600mm
取线方式 Cable drawing way	气动推线 Pneumatic push wire
最高速度 Max. Speed	240米/分 240m/maximum
长度范围 Length range	600-99999mm(Max) 指拨式任意设定 600-99999mm(Max) Earmarked for arbitrary
裁线精度 Cutting precision	$\pm 3\text{m/m}$
给线方式 Cable feeding way	铁轴、木轴、恒张力动力主动给线 Iron shaft, wooden shaft, constant tension giving wire.
给线轴直径 Cable feeding diameter	A、 $\Phi 1000 - \Phi 1200\text{mm}$ b、 $\Phi 1200 - \Phi 1400\text{mm}$
主要配备 Main Configuration	动力放线机、张力架、裁线主机、电气控制箱、输送平台 Dynamic wire pay-off machine, tension stand, cutter main unit, electrical control cabinet, conveyer platform
动力 Dynamic	放线机2HPVS主机3HP+输送平台2HP变频调速 Wire pay-off machine 2HPVS main unit 3HP+conveyer platform 2HP inverter speed control
电源 Power	三相380V, 频率50HZ Three phases 380V frequency 50HZ

## 挤出副机(注条机) Auxiliary Extruder(Injection Machine)

### 立式注条机 Vertical color injection machine

本机为配合挤出机生产电线时需要注入异色塑料的小型挤出机。四只轮子可以灵活移动, 螺杆式停行装置, 旋转手柄可使一侧方向离开地面, 使机器快速定位, 模嘴离地高度990-1120mm  
 占地: L1300 x W700 x H226 mm 净重: 300kg

It is machine for the extrusion line with a mini-type extruder that injects another color, there are four wheels which can be flexible 990-1120mm.

Covering: L1300 x W700 x H226 mm Net weight: 300kg



### 卧式注条机 Horizontal color injection machine

**特点**  
 采用先进的机械构造和电气控制, 用于挤制各种电线, 可与50、60、70、80、90各规格挤出机配接的双色机头连接后, 即能挤制双色的电线, 整体机电性能及工艺性均优于传统注色机。本机配上相应的普通机头即作为主机用于挤出各类电线。

**Feature**  
 Use advanced machine unit & electrical control, apply to different kinds of wire extruding. Can connect with 50, 60, 70, 80, 90 double color cross-head to extrude double-colored cable and also can be extruder for insulation.



过粉机  
Pyrenoid machine



高频(工频)火花机  
Spark machine



铜线预热器  
Copper preliminary contest



双(单)头日式放线架  
Whishtment winch pay off unit



甩桶放线架  
Take up unit



龙门式主动放线架  
Longmen type pay off unit



印字机  
Printing machine



外径测控仪  
Diameter meter



立式放线架  
Vertical pay off unit



无轴主动放线架  
Shaftless drive pay off unit



无轴式磁粉放线架  
Shaftless pay off unit



双头无轴收线机  
Take up machine



永磁放线架  
Pay-off unit



静盘放线架  
Pay off unit



卧式放线架  
Horizontal pay off unit



双头无轴收线机  
Double head no shaft take up



1000-1250无轴收线机  
Shaftless pay off machine



双头无轴磁粉放线架  
Shaftless pay off stand