

押出机系列 / 铁氟龙押出机 Micro-fine Teflon extruder



机器特点 : Machine feature

用途：适用于同轴铁氟龙绝缘押出或高频信号传输线材铁氟龙绝缘押出以及其他线材押出。

Purpose: Used to micro-fine coaxial wire, High frequency signal transmission wire and other wire&cable teflon insulation extrusion.

精度高：生产铁氟龙芯线,从放线到收线整体精密化设计,在线张力绝对稳定,保证线芯连续顺畅押出；

High precision: produce micro-fine wire, whole precision design from pay off to take up, online tension keeping steady, ensure the wire is continuous and smooth extrusion.

品质高：押出产品同心度:93%以上;外径公差:±0.002

High quality: Extrusion concentricity: over 93%, OD tolerance:±0.002.

温控稳：采用SCR功率控制器,配进口优质温控表及铸铜加热器,机身温度控制在±1℃以内；

Temperature control precise: Adopted SCR power control machine with Imported high quality temperature control table and Copper casting heater, the machine temperature controlled within ±1℃.

操作易：独家采用NEWTOPP铁氟龙专用工控机,中/英文界面可选,全自动控制,操作简单。

Easy operation: Exclusive adopted NewTopp Teflon specialized touch screen, both provide Chinese/English operation interface,automatic control, easy operation.

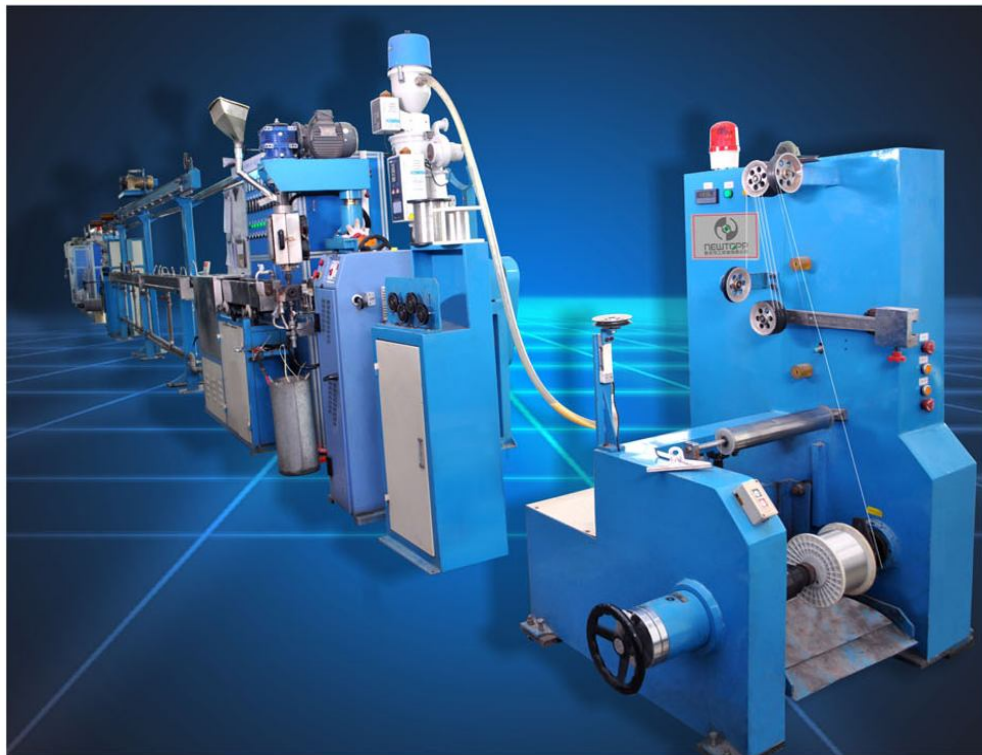
占地少：采用整体化设计,外形美观,将传统的放线,张力,预热,整直,4合为1.引取,收线2合为1.箱式结构,总长度减少5M以上；

Save place: Adopted integrate design, beautiful appearance, combined the traditional pay-off, tension, preheater and straightening into one also combined capstan and take up into one with box structure, overall length will be reduced more than 5m.

技术参数 : Technical parameters

机器型号	XJ020	XJ025	XJ030	XJ040
Model	XJ020	XJ025	XJ030	XJ040
用途	适用于极细同轴铁氟龙绝缘押出或高频信号传输线材铁氟龙绝缘押出以及其他线材押出			
Usage	Used to micro-fine coaxial wire, High frequency signal transmission wire and other wire teflon insulation extrusion.			
芯线规格	Φ0.2-0.6mm	Φ0.3-0.8mm	Φ0.3-1.5mm	Φ0.8-2.5mm
Wire specification	Φ0.2-0.6mm	Φ0.3-0.8mm	Φ0.3-1.5mm	Φ0.8-2.5mm
押出材料	ETPE/PTFE/FEP/FPA			
Extrusion material	ETPE/PTFE/FEP/FPA			
螺杆参数	长径比28/1, 材料: 德国HASTELLOY-276 (哈氏合金) /美国Inconel-600(英国科乃尔) /中国GH113 (新3号钢)			
Screw parameters	L/D ratio:28:1,Material:Germany HASTELLOY-276/USA Inconel-600/China CH113			
温控段数(机身+机头)	3+2	3+2	4+2	4+2
Temperature-control segments(body+Head)	3+2	3+2	4+2	4+2
主机动力	3KW伺服马达	4KW伺服马达	7.5HP	10HP
Power	3KW Servo motor	4KW Servo motor	7.5HP	10HP
最高产量	5KG/H	8KG/H	12KG/H	30KG/H
Highest output	5KG/H	8KG/H	12KG/H	30KG/H
最高线速	180M/MIN			
Highest wire speed	180M/MIN			
蓄线参数	Φ60~120合金铝轮, 外表阳极处理, 固定端10沟+移动端11沟,水平式蓄线架, 钢轨长度6米, 储线长度100米,轻量化精密滑轨			
Accumulate parameters	Φ60~120 alloy aluminum wheel,surface anodizing, fixed port 10 grooves+moving port 11 grooves,Horizontal accumulator,length 6M,accumulate wire length 100M,Lightweight precision slide rail.			
引取功率	1KW伺服马达	1KW伺服马达	2KW伺服马达	2KW伺服马达
Capstan power	1KW Servo motor	1KW Servo motor	2KW Servo motor	2KW Servo motor
放线型式	全自动有轴式动力放线,适用于Φ100~300线轴, 滑块摆杆重锤张力式结构, 刻度尺配备在线张力检测显示, 设断线保护功			
Pay-offs type	Automatic shaft-type active pay-offs, apply to Φ100~300 bobbin,Slider swinging rod hammer tension type structure Online tension test display combined with dividing rule(r) with break line protection.			
收线型式	双轴收线,排线器排线, 3HP马达变频调速,可单动/联动运转,米到停机,适用于Φ100~300线轴			
Take-ups type	Double-shaft take-ups with traversing,3HP motor with frequency conversion speed regulation, can single/linkage running,auto stop when reach the meter quantity,apply to Φ100-300 bobbin.			

押出机系列 / 芯线绝缘押出机 Core wire insulation extruder



机器特点 : Machine feature

用途广：适用于导体绝缘押出//单层+注条绝缘高速押出

Used widely: Used to conductor single layer/single layer+stripping insulation extrusion.

产能大：优化螺杆设计，螺杆经久耐用，不粘胶，不脱铬，换色快，线速高，产能大。

High output: Optimizing screw design, Screw durable, non cohesive gel, non take off a chrome, color change quickly, high wire speed, high output.

品质高：押出产品同心度：93%以上，外径公差：+/-0.005mm

High quality: Extrusion concentricity: over 93%; OD tolerance: +/-0.005mm.

温控稳：采用SCR功率控制器，配进口优质温控表，机身温度控制在+/-1摄氏度

Temperature control precise: adopted SCR power control machine with Imported high quality temperature control table, the machine temperature controlled within +/-1°C.

操控易：智能化控制，线径自动反馈调节；人性化的机器设计配合NEWTOPP专用工控屏，机器操作更简单，更省力，更方便。

Easy control: Intelligent control, wire diameter auto-feedback and adjustment, hommization machine design combined with NEWTOPP specialized touch screen. make machine operation more easier and convenient.

占地少：将传统的蓄线，引取，收线，计米等辅机改为一体式结构，布局紧凑，总长度减少5米以上

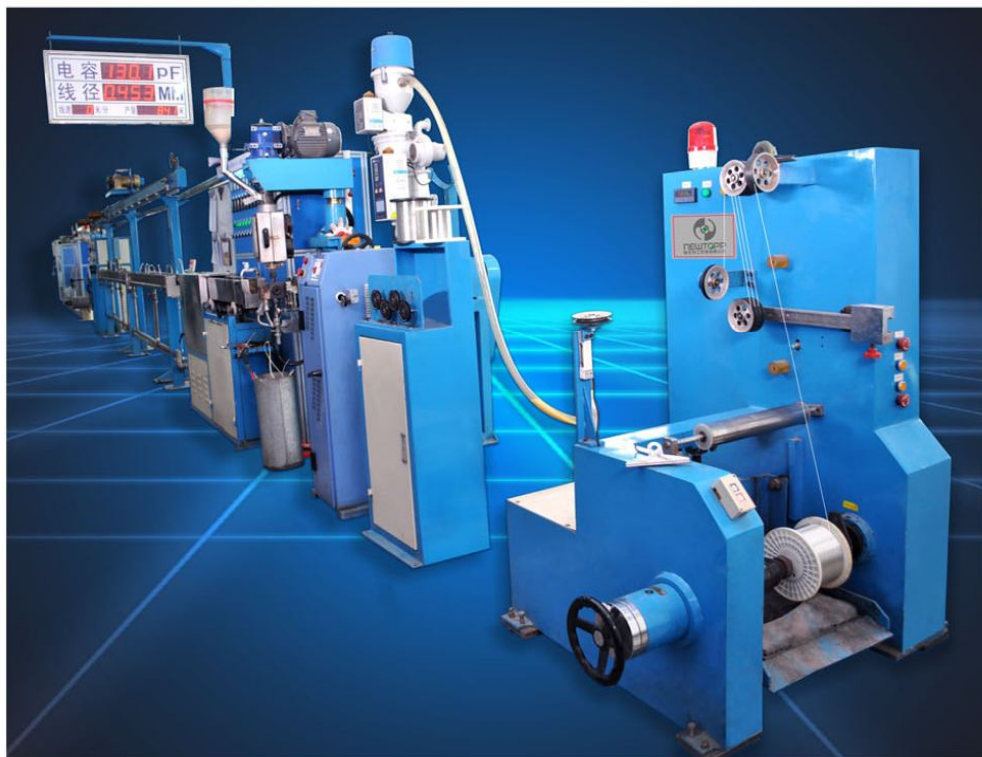
Save place: Combined traditional accumulate, capstan, take-ups and meter counter and so on auxiliary device into integration structure. Layout is compact. The overall length will reduce over 5M.



技术参数 : Technical parameters

机器型号	XJ30	XJ40	XJ50	XJ60
Model	XJ30	XJ40	XJ50	XJ60
用途	适用于电子导体单层押出,单层+注条押出			
Usage	Used to conductor single layer/single layer+stripping insulation extrusion			
芯线规格	AWG36~AWG30	AWG32~AWG28	AWG30~AWG24	AWG28~AWG20
Wire specification	AWG36~AWG30	AWG32~AWG28	AWG30~AWG24	AWG28~AWG20
押出材料	HDPE、PP、PU、PVC、SR-PVC			
Extrusion material	HDPE、PP、PU、PVC、SR-PVC			
螺杆参数	长径比:26~28:1压缩比:2.7~3.2 螺杆材料:38CrMoAlA真空热处理,表面研磨镀铬抛光			
Screw parameters	L/D ratio:26-28:1. Compression ratio:2.7~3.2. Screw material:38CrMoAlA,vacuum heating treatment, Surface grinding polishing chromium plating.			
温控段数(机头+机身)	3+2	4+2	4+2	5+2
Temperature control segments (Crosshead+body)	3+2	4+2	4+2	5+2
主机动力	7.5HP	10HP	15HP	20HP
Power	7.5HP	10HP	15HP	20HP
最高产量	35KG/H	45KG/H	60KG/H	80KG/H
The highest output	35KG/H	45KG/H	60KG/H	80KG/H
最高线速	400M/MIN	500M/MIN	600M/MIN	800M/MIN
The highest wire speed	400M/MIN	500M/MIN	600M/MIN	800M/MIN
活动水槽	伸缩式活动水槽,移动量500,总长度1.8M,配单段式拭水器			
Movable water tank	Extension type movable trough, Mobile quantity 500, overall length 1.8M with single segment type water dryer.			
U型水槽长度	9M	9M	9M	9M
Length of U water tank	9M	9M	9M	9M
蓄线轮参数(12沟+13沟)	Φ120	Φ120	Φ150	Φ200
Accumulate wheel parameters (12+13 grooves)	Φ120	Φ120	Φ150	Φ200
引取功率	3HP	3HP	3HP	5HP
Capstan power	3HP	3HP	3HP	5HP
放线型式	全自动无轴式动力放线,适用于Φ300~500线轴,滑块摆杆重锤张力式结构,刻度尺配备在线张力检测显示,设断线保护功能			
Pay-offs type	Automatic shaftless active pay off, apply to Φ300-500 bobbin, slider swinging rod hammer tension type structure. Online tension test display combined with dividing rule(r) with break line protection.			
收线型式	双轴收线,排线器排线,3HP马达变频调速,可单动/联动运转,米到停机,适用于Φ400~500线轴			
Take-ups type	Double-axis take up with auto traversing, 3HP motor with frequency conversion speed regulation, can single/linkage running, auto stop when reach the meter quantity, apply to Φ400-500 bobbin.			

押出机系列 / 化学发泡押出机 Chemical foam-skin extruder



机器特点：Machine feature

用途广：适用于导体单层绝缘押出/FOAM-SKIN化学发泡双层+注条绝缘押出

Used widely: Used to conductor single-layer insulation/Chemical foam-skin double-layer/striping extrusion.

产能大：优化螺杆设计，螺杆经久耐用，不粘胶，不脱铬，换色快，线速高，产能大

Large capacity: Optimizing screw design, Screw durable, non cohesive gel, non take off a chrome, color change quickly, high wire speed, high output.

品质高：押出产品同心度：93%以上，外径公差：+/-0.005mm 电容值：+/-0.5PF

High quality: Extrusion concentricity: over 93% OD tolerance: +/-0.005mm, capacitance value: +/-0.5PF

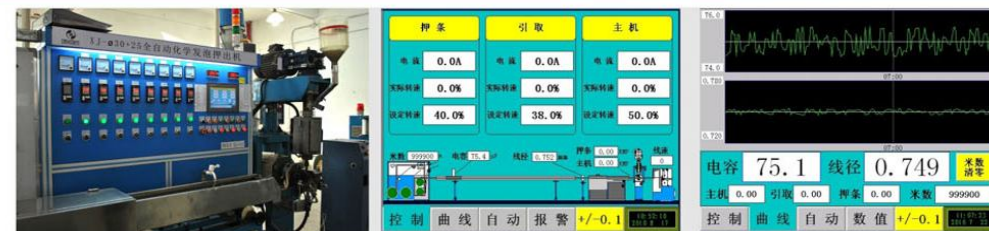
温度稳：采用SCR功率控制器，配进口优质温控表，机身温度控制在+/-1摄氏度

Temperature control precise: Adopted SCR power control machine with imported high quality temperature control table, the machine temperature controlled within +/-1°C.

操控易：智能化控制，静电容、线径自动反馈调节，国内首家；人性化的机器设计配合NEWTOPP专用工控屏，机器操作更简单，更省力，更方便
Easy control: Intelligent control, capacitance and wire diameter auto-feedback and adjustment, the first company in China which can did that. hommization machine design combined with NEWTOPP specialized touch screen. make machine operation more easier and convenient.

占地少：将传统的蓄线，引取，收线，计米等辅机改为一体结构，布局紧凑，总长度减少5米以上

Save place: Change the traditional accumulator, capstan, take-up, meter-counter, Sparker and other auxiliary equipment into overall structure, Layout compact, overall length will be reduce more than 5m.



技术参数：Technical parameters

机器型号	XJ25+20	XJ30+25	XJ40+30	XJ50+35
Model	XJ25+20	XJ30+25	XJ40+30	XJ50+35
用途	适用于导体单层押出, Foam-Skin化学发泡双层押出, 单层+注条押出			
Purpose	Used to conductor single-layer insulation extrusion/Chemical foam-skin double-layer/striping insulation extrusion.			
芯线规格	AWG38-AWG32	AWG36-AWG30	AWG34-AWG28	AWG30-AWG24
Wire specification	AWG38-AWG32	AWG36-AWG30	AWG34-AWG28	AWG30-AWG24
押出材料	PE、Foam-PE、PP、PU、PVC、SR-PVC etc.			
Extrusion material	PE、Foam-PE、PP、PU、PVC、SR-PVC etc.			
螺杆参数	长径比: 28:1 压缩比: 2.7~3.2 螺杆材料: 38CrMoAlA 真空热处理, 表面研磨镀铬抛光			
Screw parameters	LD ratio: 28:1 Compression ratio: 2.7~3.2 Screw material: 38CrMoAlA Vacuum heating treatment, surface grinding polishing chromium plating.			
温控段数 (机头+机身+注条)	3+3+2	3+3+3	4+3+3	4+3+3
NO of temperature control segments (Crosshead+Body+stripping)	3+3+2	3+3+3	4+3+3	4+3+3
主机动力	3HP	5HP	10HP	15HP
Power	3HP	5HP	10HP	15HP
注条机动力	2HP	3HP	3HP	3HP
Stripping power	2HP	3HP	3HP	3HP
最高产量	20KG/H	35KG/H	40KG/H	50KG/H
The highest output	20KG/H	35KG/H	40KG/H	50KG/H
最高线速	350M/MIN	600M/MIN	600M/MIN	600M/MIN
The highest wire speed	350M/MIN	600M/MIN	600M/MIN	600M/MIN
活动水槽	伸缩式活动水槽, 移动量500, 总长度1.8M, 配单段式拭水器			
Movable water tank	Retractable type movable water tank, moving quantity 500, total length 1.8M with single water drier.			
U型水槽长度	9M	9M	9M	9M
Length of U water tank	9M	9M	9M	9M
蓄线轮参数 (12+13沟)	Φ120	Φ120	Φ150	Φ150
Accumulate wheel parameter (12+13 groove),	Φ120	Φ120	Φ150	Φ150
引取功率	3HP	3HP	3HP	3HP
Capstan power	3HP	3HP	3HP	3HP
放线型式	全自动无轴式动力放线, 适用于Φ300~500线轴, 滑块摆杆重锤张力式结构, 刻度尺配备在线张力检测显示, 设断线保护功能			
Pay-off type	Automatic shaftless active pay off, apply to Φ300~500 bobbin, slider swinging rod hammer tension type structure. Online tension test display combined with dividing rule(r) with break line protection.			
收线型式	双轴收线, 排线器排线, 3HP马达变频调速, 可单动/联动运转, 米到停机, 适用于Φ400~500线轴			
Take-up type	Double-axis take up with auto traversing, 3HP motor with frequency conversion speed regulation, can single/linkage running, auto stop when reach the meter quantity, apply to Φ400~500 bobbin.			

押出机系列 / 物理发泡押出机 Physical foaming extruder



机器特点：Machine feature

用途广：适用于铜线导体化学发泡/物理发泡双层/三层绝缘押出，单层+注条押出。用于各类通讯电缆、数据电缆、同轴电缆、射频电缆、RG、JIS、DVI、HDMI等高要求的发泡线。

Used widely: Used to copper conductor wire chemical/physical foam-skin/skin-foam-skin dual/three-layers insulation extrusion and single layer+stripping extrusion. Apply to all kinds communication cable, data cable, coaxial cable, radio frequency cable, RG, JIS, DVI, HDMI and so on high demandingness foaming wire.

产能大：优化螺杆设计，螺杆经久耐用，不粘胶，不脱铬，换色快，线速高，产能大

High output: Optimizing screw design, Screw durable, non cohesive gel, non take off a chrome, color change quickly, high wire speed, high output.

品质高：押出产品同心度：93%以上，外径公差： $\pm 0.005\text{mm}$ 电容值： $\pm 0.5\text{PF}$

High quality: Extrusion concentricity: over 93%; OD tolerance: $\pm 0.005\text{mm}$, capacitance value: $\pm 0.5\text{PF}$.

温控稳：采用SCR功率控制器，配进口优质温控表，机身温度控制在 $\pm 1^\circ\text{C}$

Temperature control precise: adopted SCR power control machine with imported high quality temperature control table, the machine temperature controlled within $\pm 1^\circ\text{C}$.

操控易：智能化控制，静电容，线径自动反馈调节；人性化的机器设计配合NEWTOPP专用工控屏，机器操作更简单，更省力，更方便。
Easy control: Intelligent control, capacitance and wire diameter auto-feedback and adjustment, hommization machine design combined with NEWTOPP specialized touch screen. make machine operation more easier and convenient.

技术参数：Technical parameters

机器型号	XJ25+40+30	XJ30+50+35	XJ35+65+40
Model	XJ25+40+30	XJ30+50+35	XJ35+65+40
用途	适用于铜线导体化学发泡/物理发泡双层/三层绝缘押出,单层+注条押出。		
Purpose	Used to copper conductor wire chemical/physical foam-skin/skin-foam-skin dual/three-layers insulation extrusion and single layer+stripping extrusion.		
芯线规格	$\Phi 0.2-1.0\text{mm}$	$\Phi 0.4-1.0\text{mm}$	$\Phi 0.5-2.0\text{mm}$
Wire specification	$\Phi 0.2-1.0\text{mm}$	$\Phi 0.4-1.0\text{mm}$	$\Phi 0.5-2.0\text{mm}$
成品直径	$\Phi 1.0-5\text{mm}$	$\Phi 1.6-6\text{mm}$	$\Phi 3-10\text{mm}$
Finished wire OD	$\Phi 1.0-5\text{mm}$	$\Phi 1.6-6\text{mm}$	$\Phi 3-10\text{mm}$
押出材料	Foam-PE, Foam-PP, HDPE, PU, PP、		
Extrusion material	Foam-PE, Foam-PP, HDPE, PU, PP etc		
螺杆参数	物理发泡长径比: 36:1(化学发泡28:1), 压缩比: 2.7~3.5 螺杆材料: 38CrMoAlA真空热处理, 表面磨镀铬抛光		
Screw parameters	Physical foaming L/D ratio: 36:1.(Chemical foaming L/D ratio: 28:1), Compression ratio: 2.7~3.5, Screw material: 38CrMoAlA, vacuum heating treatment, Surface grinding polishing chromium plating.		
温控段数 (主机+机头+注条+注条)	4+3+2+3	4+3+3+3	5+3+3+3
Temperature control segments (Host+Crosshead+Stripping+Stripping)	4+3+2+3	4+3+3+3	5+3+3+3
发泡度	物理发泡 (高压) 70%-80% 低压60%-70% 30%-40%		
Foaming degree	Physical foaming(high-pressure): 70%-80%, Low pressure: 60%-70%, Chemical foaming: 30%-40%.		
主机动力	15HP	20HP	30HP
Power	15HP	20HP	30HP
注条动力	3HP+3HP	3HP+5HP	5HP+5HP
Stripping power	3HP+3HP	3HP+5HP	5HP+5HP
最高产量	50KG/H	60KG/H	80KG/H
Highest output	50KG/H	60KG/H	80KG/H
最高线速	600M/MIN	600M/MIN	600M/MIN
Highest wire speed	600M/MIN	600M/MIN	600M/MIN
活动水槽	伸缩式活动水槽/ 恒温活动水槽, 移动量500, 总长度3.0M, 配二段拭水器		
Movable water tank	Extension type movable trough/ Constant temperature movable water tank, Mobile quantity 500, overall length 3M with double segments type water dryer.		
U型水槽长度	9M	9M	12M
Length of U water tank	9M	9M	12M
蓄线轮参数 (9+8沟) 储线量200M	$\Phi 200$	$\Phi 250$	$\Phi 300$
Accumulate wheel parameters (9+8 grooves), Accumulate quantity 200M	$\Phi 200$	$\Phi 250$	$\Phi 300$
引取功率	3HP	3HP	5HP
Capstan power	3HP	3HP	5HP
放线型式	全自动无轴式动力放线, 适用于 $\Phi 300-500$ 线轴, 滑块摆杆重锤张力式结构, 刻度尺配备在线张力检测显示, 设断线保护功能		
Pay-offs type	Automatic shaftless active pay off, apply to $\Phi 300-500$ bobbin, slider swinging rod hammer tension type structure. Online tension test display combined with dividing rule(r) with break line protection.		
收线型式	双轴收线, 排线器排线, 3HP马达变频调速, 可单动/联动运转, 米到停机, 适用于 $\Phi 400-630$ 线轴(根据客户要求)		
Take-ups type	Double-axis take up with auto traversing, 3HP motor with frequency conversion speed regulation, can single/linkage running, auto stop when reach the meter quantity, apply to $\Phi 400-630$ bobbin. (depends on client's demand)		

押出机系列 / 外被护套押出机 Outside coating insulation extruder



机器特点：Machine feature

用途广：适用于电源线、计算机线、数据线、高频线外被护套押出。

Used widely: Used to power wire, computer wire, data wire and high frequency wire outside coating insulation extrusion.

产能大：优化螺杆设计，螺杆经久耐用，不粘胶，不脱铬，换色快，线速高，产能大

High output: Optimizing screw design, Screw durable, non cohesive gel, not to take off a chrome, color change quickly, high wire speed, high output.

品质高：押出产品同心度:90%以上;外径公差:±0.03

High quality: Extrusion concentricity: over 90%, OD tolerance: ±0.03

温控稳：采用SCR功率控制器，配进口优质温控表，机身温度控制在±1℃以内。

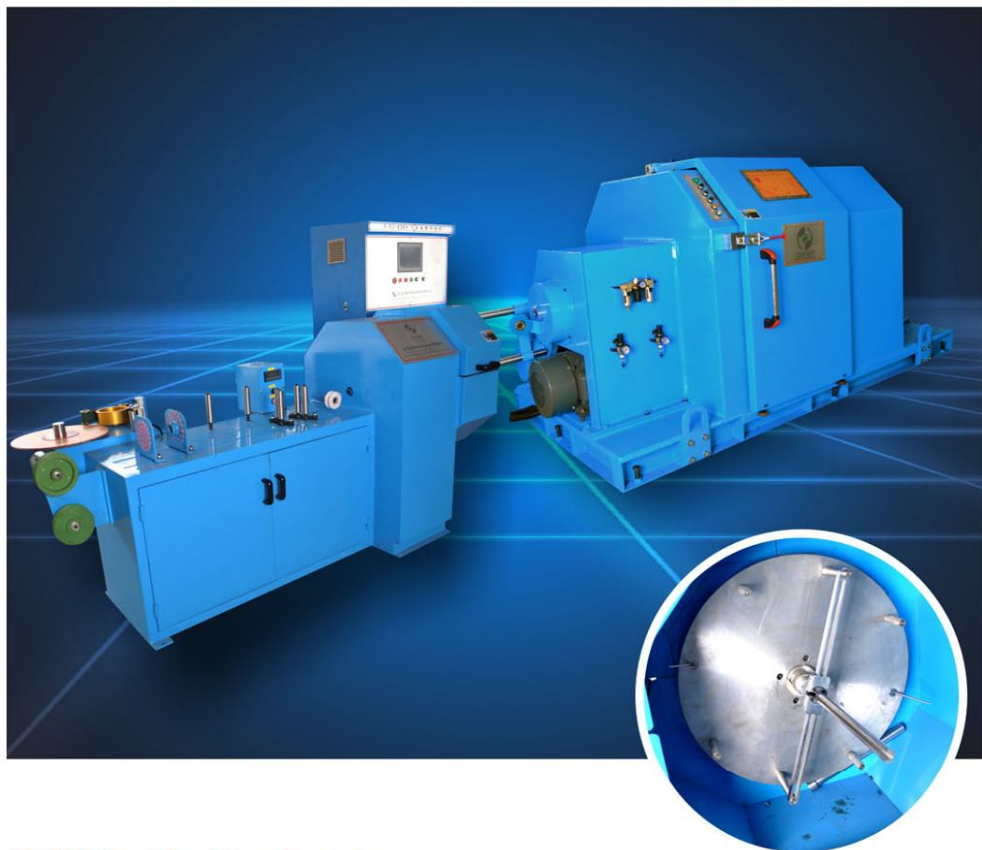
Temperature control precise: adopted SCR power control machine with imported high quality temperature control table, the machine temperature controlled within ±1℃.

操控易：智能化控制，线径自动反馈调节；人性化的机器设计配合NEWTOPP专用工控屏，机器操作更简单，更省力，更方便
Easy control: Intelligent control, wire diameter auto-feedback and adjustment, hommization machine design combined with NEWTOPP specialized touch screen. make machine operation more easier and convenient.

技术参数：Technical parameters

机器型号	XJ070	XJ080	XJ090	XJ120
Model	XJ070	XJ080	XJ090	XJ120
用途	适用于电源线、计算机线、数据线、高频线外被护套押出			
Purpose	Used to power wire, computer wire, data wire and high frequency wire outside jacket insulation extrusion.			
线径规格	Φ1.5-12mm	Φ2~20mm	Φ3~25mm	Φ10~50mm
Wire specification	Φ1.5-12mm	Φ2~20mm	Φ3~25mm	Φ10~50mm
押出材料	PVC、SR-PVC、LHNF、PE、PP、PU			
Extrusion material	PVC、SR-PVC、LHNF、PE、PP、PU etc			
螺杆参数	长径比:26:1 压缩比:2.7~3.2 螺杆材料:38CrMoAlA真空热处理,表面研磨镀铬抛光			
Screw parameters	L/D ratio:26:1, Compression ratio:2.7~3.2, Screw material:38CrMoAlA, vacuum heating treatment, Surface grinding polishing chromium plating			
温控段数(机身+机头)	5+3	5+3	6+3	6+3
Temperature control segments(body+Head)	5+3	5+3	6+3	6+3
主机动力	40HP	50HP	60HP	100HP
Power	40HP	50HP	60HP	100HP
最高产量	140KG/H	180KG/H	240KG/H	360KG/H
The highest output	140KG/H	180KG/H	240KG/H	360KG/H
最高线速	400M/MIN	300M/MIN	250M/MIN	180M/MIN
The highest wire speed	400M/MIN	300M/MIN	250M/MIN	180M/MIN
活动水槽	伸缩式活动水槽,移动量300,总长度1.5M,配单段式拭水器			
Movable water tank	Extension type movable trough, Mobile quantity 300, overall length 1.5M with single segment type water dryer.			
U型水槽长度	7.5M	10M	10M	15M
Length of U water tank	7.5M	10M	10M	15M
蓄线轮参数(11+10沟)	Φ250	Φ300	Φ400	Φ500
Accumulate wheel parameters(11+10 grooves)	Φ250	Φ300	Φ400	Φ500
引取功率	5HP	7.5HP	7.5HP	15HP
Capstan power	5HP	7.5HP	7.5HP	15HP
放线型式	双头琴式被动放线/双头无轴式磁粉刹车被动放线/无轴式动力放线,适用于Φ500~1250线轴,龙门式和端轴式适用于Φ1250-2000线轴。			
Pay-offs type	Double-shaft Harp type passive pay-offs/double-shaftless magnetic powder brake passive pay-offs/shaftless active pay-offs, apply to Φ500~1250 bobbin, double column type and port-shaft type apply to Φ1250-2000 bobbin.			
收线型式	Φ400-630双轴	Φ400-630双轴	Φ630-1000单轴	Φ1250-2000单轴
Take-ups type	Double-shafts Φ400-630mm	Double-shafts Φ400-630mm	Single-head Φ630-1000mm	Single-head Φ1250-2000mm

单绞机系列 / 悬臂式单绞机 Cantilever standing machine



机器特点 : Machine features

用途广：适用于高频线、数据线、计算机线、电源线多股芯线集合。

Used widely: Used to high frequency wire, data wire, computer wire, power wire multi group twisting.

产能高：高转速，生产效率是传统旋框式的2倍

High output: High rotate speed, the production efficiency is 2 times than traditional.

张力稳：包带及收线张力从空盘到满盘保持恒张力

Tension is steady: Wrapping and take up tension keep constant from start to end.

绞距准：触摸屏设定绞距，PLC控制，加减速及正常工作时绞距稳定

Pitch accurately: Set pitch on touch screen, PLC control, Pitch is steady while it's normal or accelerate and decelerate.

排线方式：采用轴排式，排幅排距任意设定。

Traversing: Adopted axis-row type, traversing space and distance can be set freely.

公司最新款带引取式旋臂单绞机：绞距更准，品质更佳。

This is the latest Cantilever standing machine with capstan: better pitch, better quality.



技术参数 : Machine parameters

机器型号	XJ-630	XJ-800	XJ-1000	XJ-1250
Model	XJ-630	XJ-800	XJ-1000	XJ-1250
机器用途	适用于高频线、数据线、计算机线、电源线多股芯线集合			
Purpose	Used to high frequency wire, data wire, computer wire, power wire multi group twisting.			
芯线规格	Φ0.6-3.0mm	Φ0.6-5.0mm	Φ1.0-8mm	Φ3-10mm
Wire specification	Φ0.6-3.0mm	Φ0.6-5.0mm	Φ1.0-8mm	Φ3-10mm
绞合外径	Φ15mm	Φ20mm	Φ25mm	Φ30mm
Twisted OD	Φ15mm	Φ20mm	Φ25mm	Φ30mm
绞距范围	触摸屏设定绞距:20~250mm,PLC控制,加减速绞距稳定			
Pitch range	Set pitch on touch screen: 20-250mm.PLC control, pitch is steady when it's accelerate and decelerate.			
机器转速	MAX900rpm	MAX800rpm	MAX600rpm	MAX400rpm
Rotate speed	MAX900rpm	MAX800rpm	MAX600rpm	MAX400rpm
机器动力	15HP马达+差速器	20HP马达+差速器	25HP马达+差速器	40HP马达+差速器
Power	15HPmotor+differential mechanism	20HPmotor+differential mechanism	25HPmotor+differential mechanism	40HPmotor+differential mechanism
包带型式	单头卧式高速中心包带机+双头侧包机			
Wrapping type	Single-head horizontal type high speed centering tapping device+double-head longitudinal tapping device.			
包带张力	采用磁粉离合器+PLC自动演算, 包带张力从满盘到空盘保持恒定, 不需人工调整			
Wrapping tension	Adopt Magnetic clutch+PLC automatic calculation. wrapping tension keep constant from start to end, needn't any adjustment.			
收线方式	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			
Take-ups	Axis-row type, No damage during the traversing process, traversing space and distance can be set freely according to the wire specification.			

单绞机系列 / 卧式高速单绞机 Horizontal type high speed single twisting machine



机器特点 : Machine feature

用途广：适用于高频线、数据线、电子线芯线对绞及多股绞合；

Used widely: Used to high frequency wire, data wire, electric wire single/multi-wire twisted.

产能高：高转速，生产效率是立式的2倍；

High output: High rotate speed, the production efficiency is 2 times than vertical.

张力稳：包带及收线张力从空盘到满盘保持恒张力；

Tension is steady: Wrapping and take up tension keep constant from start to end;

绞距准：伺服控制电子齿轮绞距，加减速及正常工作时绞距恒定，公司专利产品，专利号201120224403.6;

Pitch accurately: Electronic gear pitch controlled by Servo. Pitch keep constant while it's normal work or accelerate and decelerate. Patent product in our company, patent NO: 201120224403.6

好控制：收线排位采用轴排式结构，排幅排距任意设定；

Easy control: Take-up traversing adopted axis-row type structure, space and distance can be set freely.

品质高：制作HDMI, DP等高频线材，合格率100%。

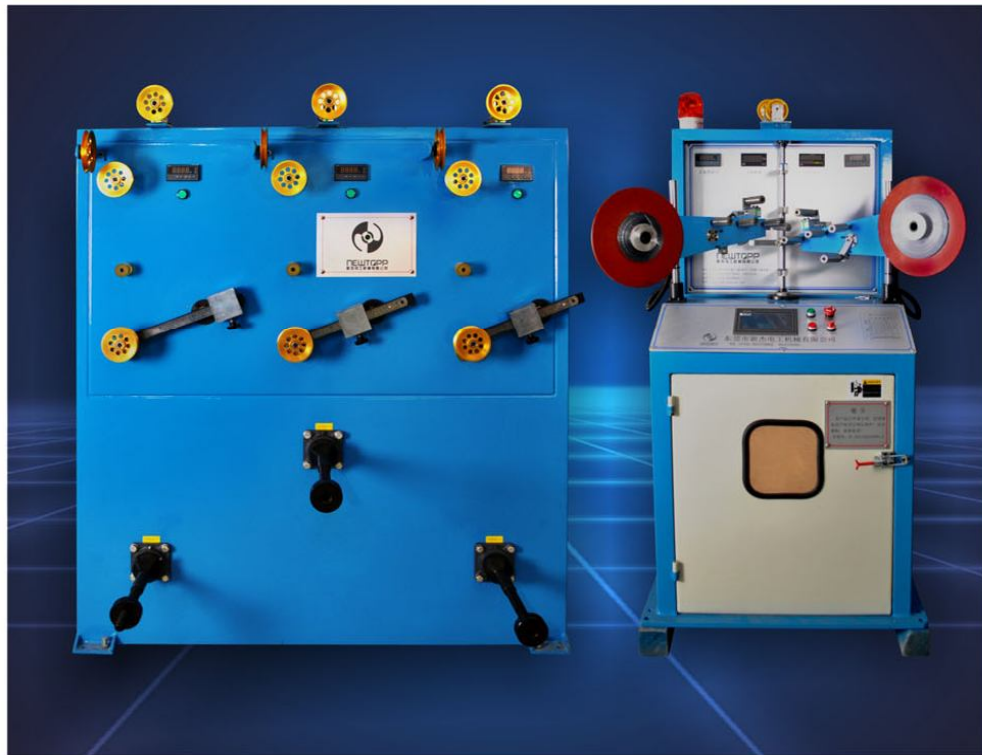
High quality: Used to produce HDMI, DP and so on high frequency wire, pass rate 100%.



技术参数 : Technical parameters

机器型号	XJ300	XJ400	XJ500
Model	XJ300	XJ400	XJ500
机器用途	HDMI、DP、USB、CAT-7等高频线、数据线、电子线芯线对绞及多股绞合		
Usage	Used to HDMI, DP, USB, CAT-7 and so on high frequency wire, data wire, electric wire single/multi group twisting.		
芯线规格	AWG40~AWG30	AWG34~AWG26	AWG32~AWG22
Wire specification	AWG40~AWG30	AWG34~AWG26	AWG32~AWG22
绞合外径	Φ0.3-1.0mm	Φ0.8-1.8mm	Φ1.0-3.6mm
Twisted OD	Φ0.3-1.0mm	Φ0.8-1.8mm	Φ1.0-3.6mm
绞距范围	电子绞距，触摸屏任意设定		
Pitch range	Electric pitch, set on touch screen freely.		
机器转速	MAX1400rpm	MAX1200rpm	MAX1000rpm
Rotate speed	MAX1400rpm	MAX1200rpm	MAX1000rpm
机器动力	主机:2HP / 放线:1/2HP	主机:3HP / 放线:1/2HP	主机:5HP / 放线:1/2HP
Power	Main engine: 2HP Pay-off: 1/2HP	Main engine: 3HP Pay-off: 1/2HP	Main engine: 5HP Pay-off: 1/2HP
放线张力	滑块摆杆重锤张力式动力放线，刻度尺配备在线张力检测显示，设断线保护功能		
Pay-off tension	Slider pendulum rod+Hammer tension type active pay off, online tension test display with dividing rule(r). Break line protection.		
包带张力	恒张力电磁刹车轮 / 自动张力追踪仪，包带张力从满盘到空盘保持恒定，不需人工调整		
Wrapping tension	Constant tension electromagnetic wheel/Auto tension tracker, wrapping tension keep constant from start to end, needn't any adjustment.		
收线张力	电磁张力，自动追踪，收线张力从满盘到空盘保持恒定，不需人工调整		
Take-up tension	Electromagnetic tension, auto-tracking, take-up tension keep constant from start to end, needn't any adjustment.		
排线方式	轴排式伺服控制，线材排位过程中无推、拉伤，排距根据线材规格任意设定。		
Traversing	Axis-row type, Servo control. No damage during the traversing process, traversing space and distance can be set freely according to the wire specification.		
放线型式	三头动力放线，变频调速，与主机联动控制，设断线保护功能		
Pay-off type	Three-head active pay off, frequency control, control linkage with main engine, break line protection.		

单绞机系列 / 立式单绞机 Vertical type single twisting machine



机器特点 : Machine features

用途广：适用于高频线、数据线、电子线芯线对绞及多股绞合
Used widely: Used to high frequency wire, data wire, electric wire single/multi-wire twisted.

张力稳：包带及收线张力从空盘到满盘保持恒张力
Tension steady: Wrapping and take up tension keep constant from start to end.

绞距准：机械绞距，加速及正常工作时绞距恒定
Pitch accurately: Mechanical pitch, keep constant while it's normal work or accelerate and decelerate.

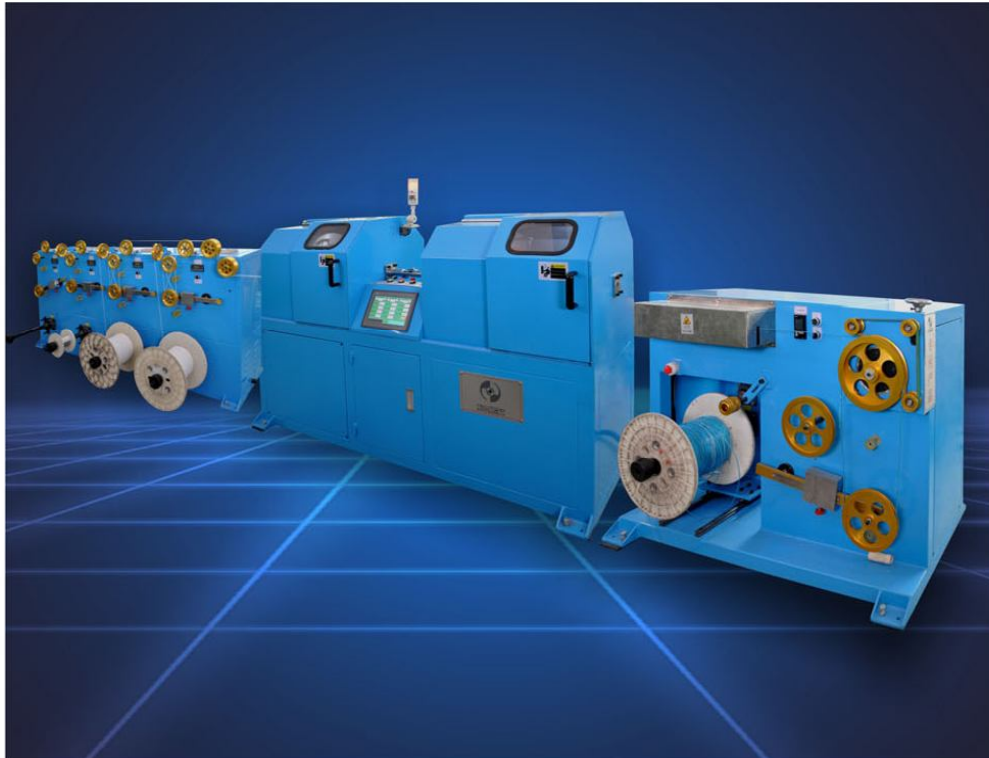


技术参数 : Technical parameters

机器型号	XJ300	XJ400
Model	XJ300	XJ400
机器用途	HDMI、DP、USB、CAT-7等高频线、数据线、电子线芯线对绞及多股绞合	
Usage	Used to high frequency wire, data wire, electric wire single/multi-wire twisted.	
芯线规格	AWG32~AWG42	AWG20~AWG32
Wire specification	AWG32~AWG42	AWG20~AWG32
绞合外径	Φ0.5-1.8mm	Φ1.0 -3.6mm
Twisted OD	Φ0.5-1.8mm	Φ1.0 -3.6mm
绞距范围	5--25mm	8.5-45mm
Pitch range	5--25mm	8.5-45mm
机器转速	MAX1000rpm	MAX900rpm
Rotate speed	MAX1000rpm	MAX900rpm
机器动力	主机:1HP / 放线:1/2HP	主机:2HP / 放线:1/2HP
Power	Main engine:1HP/Pay-off:1/2HP	Main engine:2HP/Pay-off:1/2HP
放线张力	滑块摆杆重锤张力式动力放线, 刻度尺配备在线张力检测显示, 设断线保护功能	
Pay-off tension	Slider pendulum rod+Hammer tension type active pay off, online tension test display with dividing rule(r). Break line protection.	
包带张力	恒张力电磁刹车轮 / 自动张力追踪仪, 包带张力从满盘到空盘保持恒定, 不须人工调整	
Wrapping tension	Constant tension electromagnetic wheel/Auto tension tracker, wrapping tension keep constant from start to end, needn't any adjustment.	
收线张力	电磁张力, 自动追踪, 收线张力从满盘到空盘保持恒定, 不须人工调整	
Take-up tension	Electromagnetic tension, auto-tracking, take-up tension keep constant from start to end, needn't any adjustment.	
排线方式	丝杆轴排式, 采用(进口)T型牙杆+精密导轨进行排线, 排距根据线材规格任意设定。	
Traversing	Screw axis-row type, traversing adopted (imported) T rod+Precision guide, space and distance can be set freely.	
放线型式	三头动力放线, 变频调速, 与主机联动控制, 设断线保护功能	
Pay-off type	Three-head active pay off, frequency control, control linkage with main engine, break line protection.	
外型尺寸	L1800×W750×H1500	
Size	L1800×W750×H1500	

包带机系列 / 卧式数控式双层/单层包带机

Numerical control Horizontal type single /double layers wrapping machine



机器特点 : Machine features

用途广：适用于绞合线、平行线双层/单层连续中心绕包带

Used Widely used: Used to twisted wire and parallel wire double/single layer continuously centering wrapping.

产能高：高转速,生产效率是传统包带机的2.5倍

High output :High rotate speed,work rate is 2.5 times than traditional.

张力稳：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

Tension is steady:Automatic tension trace instrument,taping tension keep constant from start to end. Needn' t any artificial adjustment.

包距准：触摸屏设定重叠率,PLC控制,加减速及正常工作时包带形成点稳定不动

Wrapping distance accurate: Setting overlap on touch screen, controlled by PLC, wrapping point is steady while it' s normal work or accelerate and decelerate.

排线好：收线排位采用轴排式，排幅排距任意设定

Good traversing:Take-up traversing adopted axis-row type structure, spacing can be set arbitrary.

品质高：制作HDMI,DP,ATA ,SATA ,SAS等高频线材,合格率100%

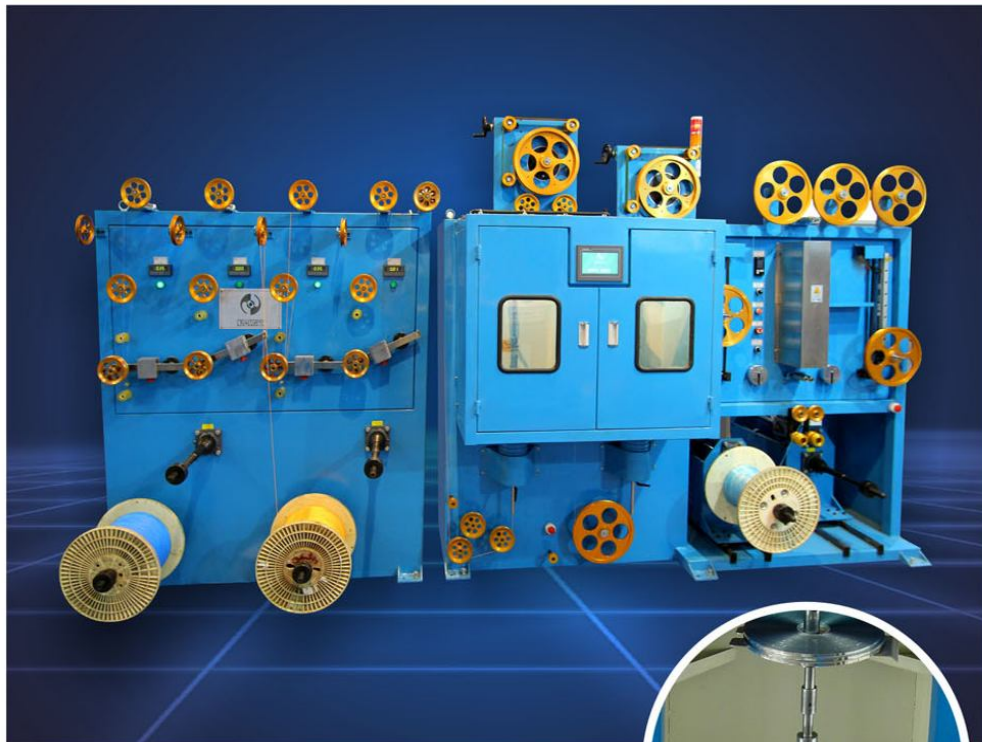
High quality： Used to making HDMI, DP, ATA, STAT, SAS and such high frequency wire, pass rate 100%.



技术参数 : Technical parameters

机器型号	XJ500卧式数控式双层/单层包带机
Type	XJ500 Numerical control Horizontal type single layer/double layers wrapping machine
机器用途	适用于绞合线、平行线双层/单层连续中心绕包带
Usage	Used Widely used: Used to twisted wire and parallel wire double layers /single layer continuously centering wrapping.
芯线规格	AWG32~AWG20
Wire specification	AWG32~AWG20
包带材料	铝箔带,麦拉带,棉纸带,透明带,云母带,铁氟龙带
Taping material	Aluminum foil tape ,cotton paper tape,transparent tape,mica tape ,teflon tape etc.
机器转速	MAX2500rpm / MAX20m/min
Rotate speed	MAX2500rpm / MAX20m/min
机器动力	1HP马达配变频调速,包带盘与引取马达联动
Power	Speed regulation by 1HP motor with inverter, wrapping plate is linkage with capstan motor.
包带张力	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
Wrapping tension	Wrapping tension automatic calculation tracking and keep constant from start to end. Needn' t any artificial adjustment.
热熔烘箱	自动伸缩式，配备欧姆龙温控，温度控制在±1℃
Heating device	Auto flexible type, Omron temperature control, the temperature will controlled within ±1℃
收线张力	收线张力从满盘到空盘保持恒定,不须人工调整
Take-up tension	Take up tension keep constant from start to end, needn' t any adjustment.
收线方式	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
Traversing	Axis-row type take up, no damage during the traversing process, distance can be set freely according the wire specification.
放线方式	滑块摆杆重锤张力式动力放线, 刻度尺配备在线张力检测显示, 设断线保护功能
Pay-off type	Slider pendulum rod+Hammer tension type active pay off, online tension test display with dividing rule®. Break line protection.

包带机系列 / 立式数控式双层/单层包带机 Numerical control Vertical type single /double layers wrapping machine



机器特点：Machine features

用途广：适用于绞合线、平行线双层/单层连续中心绕包带
Used Widely used: Used to twisted wire and parallel wire double/single layer continuously centering wrapping.

产能高：高转速，生产效率是传统包带机的2.5倍
High output :High rotate speed,work rate is 2.5 times than traditional.

张力稳：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

Tension is steady:Automatic tension trace instrument,taping tension keep constant from start to end. Needn' t any artificial adjustment.

包距准：触摸屏设定重叠率，PLC控制，加减速及正常工作时包带形成点稳定不动

Wrapping distance accurate: Setting overlap on touch screen, controlled by PLC, wrapping point is steady while it' s normal work or accelerate and decelerate.

排线好：收线排位采用轴排式，排幅排距任意设定
Good traversing:Take-up traversing adopted axis-row type structure, spacing can be set arbitrary.

品质高：制作HDMI,DP,ATA ,SATA ,SAS等高频线材，合格率100%



技术参数：Technical parameters

机器型号	XJ500卧式数控式双层/单层包带机
Type	XJ500 Numerical control Vertical type single layer/double layers wrapping machine
机器用途	适用于绞合线、平行线双层/单层连续中心绕包带
Usage	Used Widely used: Used to twisted wire and parallel wire double layers /single layer continuously centering wrapping.
芯线规格	AWG32~AWG20
Wire specification	AWG32~AWG20
包带材料	铝箔带,麦拉带,棉纸带,透明带,云母带,铁氟龙带
Taping material	Aluminum foil tape ,cotton paper tape,transparent tape,mica tape ,teflon tape etc.
机器转速	MAX2500rpm / MAX20m/min
Rotate speed	MAX2500rpm / MAX20m/min
机器动力	1HP马达变频调速,包带盘与引取马达联动
Power	Speed regulation by 1HP motor with inverter, wrapping plate is linkage with capstan motor.
包带张力	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
Wrapping tension	Wrapping tension automatic calculation tracking and keep constant from start to end. Needn' t any artificial adjustment.
热熔烘箱	自动伸缩式, 配备欧姆龙温控, 温度控制在±1℃
Heating device	Auto flexible type, Omron temperature control, the temperature will controlled within ±1℃
收线张力	收线张力从满盘到空盘保持恒定,不须人工调整
Take-up tension	Take up tension keep constant from start to end, needn' t any adjustment.
收线方式	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
Traversing	Axis-row type take up, no damage during the traversing process, distance can be set freely according the wire specification.
放线方式	滑块摆杆重锤张力式动力放线, 刻度尺配备在线张力检测显示, 设断线保护功能
Pay-off type	Slider pendulum rod+Hammer tension type active pay off, online tension test display with dividing rule(r). Break line protection.

包带机系列/立式极细双层包带机 XJ300 Vertical micro-fine double layers wrapping machine



机器特点：Machine features

用途广：适用于制作极细同轴线，绞合线、平行线双层/单层连续中心绕包带

Used Widely used: Used to micro coaxial wire, twisted wire and parallel wire double layers /single layer continuously centering wrapping.

产能高：高转速，生产效率是传统包带机的2.5倍
High output: High rotate speed, work rate is 2.5 times than traditional.

张力稳：包带张力自动演算追踪，从满盘到空盘保持恒张力，不需人工调整
Tension is steady: Automatic tension trace instrument, tapping tension keep constant from start to end. Needn't any artificial adjustment.

包距准：触摸屏设定重叠率，PLC控制，加减速及正常工作时包带形成点稳定不动

Wrapping distance accurate: Setting overlap on touch screen, controlled by PLC, wrapping point is steady while it's normal work or accelerate and decelerate.

排线好：收线排位采用轴排式结构，排幅排距任意设定
Good traversing: Take-up traversing adopted axis-row type structure, spacing can be set arbitrary.

品质高：PLC+PID+伺服双盘包带+伺服引取+高频火花机在线检测+微动力收放线张力控制+高性能加热管对外层热缩膜进行加热粘合；
High quality: PLC+PLD+ Servo dual-plate taping+ Servo capstan+HF sparker online test + micro-power pay-off/take-up tension control + high performance heating tube which is used in Heating agglutinate of outer layer Heat shrinkage film.

有断线、断带、反带、完带，火花自动停机报警装置。
Spark tester will automatic stop and alarm when break line, break belt, inverse belt, completed belt.

技术参数：Technical parameters

机器型号	XJ300立式极细双层包带机
Model	XJ300 Vertical micro-fine double layers wrapping machine
机器用途	适用于绞合线、平行线双层/单层连续中心绕包带
Usage	It's used to twisted wire, parallel wire double layers /single layer continuously centering wrapping.
芯线规格	AWG32~AWG42
Wire specification	AWG32~AWG42
包带材料	管状铝箔带、麦拉带、透明带、云母带。
Taping material	Aluminum foil tape, cotton paper tape, transparent tape, mica tape, teflon tape etc.
机器转速	MAX2000rpm / MAX18m/min
Rotate speed	MAX2000rpm / MAX18m/min
机器动力	1HP伺服马达配伺服控制器调速，包带盘与引取马达联动
Power	Speed regulation by 1HP Servo motor plus Servo controller, wrapping plate is linkage with capstan motor.
包带张力	包带张力自动演算追踪，从满盘到空盘保持恒张力，不需人工调整
Wrapping tension	Wrapping tension automatic calculation tracking and keep constant from start to end. Needn't any artificial adjustment.
热熔烘箱	自动伸缩式，配备欧姆龙温控，温度控制在±1℃
Heating device	Auto flexible type with Omron temperature control, the temperature will controlled within ±1℃
收线张力	收线张力从满盘到空盘保持恒定，不需人工调整
Take-up tension	Take up tension keep constant from start to end, needn't any adjustment.
收线方式	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
Take-up	Axis-row type take up, no damage during the traversing process, distance can be set freely according the wire specification.
放线型式	直线滑轨+滑块重锤张力式动力放线，配变频调速，设断线保护功能
Pay-off type	Straight line slide rail+Slider heavy hammer tension type power pay-off with Variable frequency speed regulation and set the break line protection function.

微电脑全自动摇盘机 Computerized automatic coiling machine



机器特点：Technical Features

可直接接出机或放线机绕线

The extruder or pay-off can be received directly

触摸屏操作，更简单快捷

Touch screen interface (man-machine interface) can make you operation machine easily

本机使用伺服马达排线系统，排线效果更理想
The servo motor rotation system of the machine can allow the action of wire arrangement more harmonious

自动错误侦测及报警系统
When problems are discovered, the machine will detect the error automatically and then issue warning alarm to inform the operator

微电脑记忆可存储99种不同线卷规格

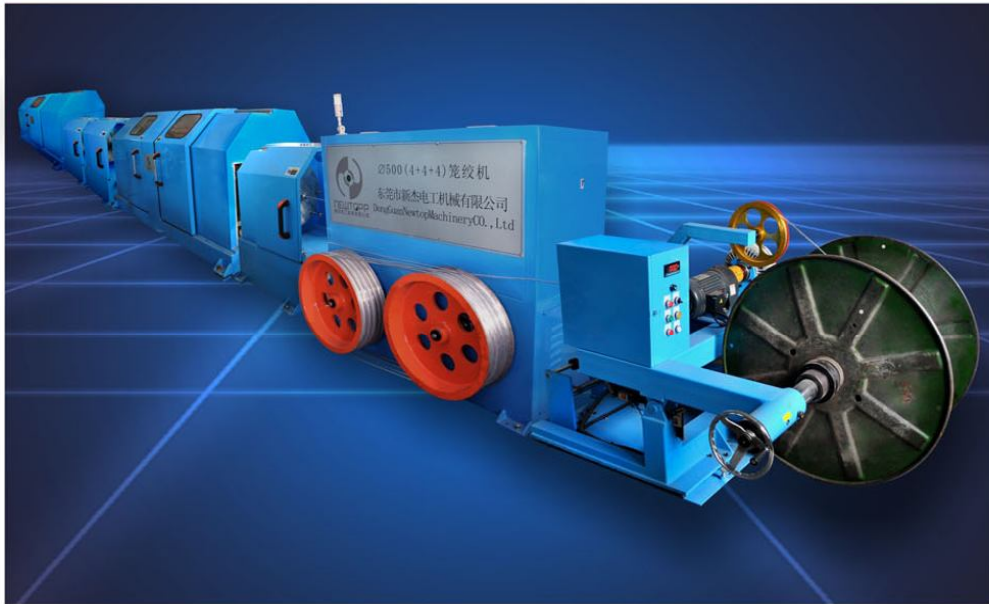
Microcomputer memory can store 99 different kinds of coil specifications
如需变更产品规格时，若该产品规格已输入过微电脑记忆体，只需直接读取已存资料即可无需再调查机器结构，使操作更便捷

When you input the specification of the product to the microcomputer memory and if you need to change it, it only needs to read the format materials which have been stored without adjusting the machine structure, which makes the operation simple and convenient.

技术参数：Technical parameters

机器型号	XJ360	XJ460	XJ500	XJ600	XJ800
Model	XJ360	XJ460	XJ500	XJ600	XJ800
高度(mm)	40-80	50-120	60-180	60-200	80-240
Height(mm)	40-80	50-120	60-180	60-200	80-240
外径(mm)	Φ180-360	Φ200-460	Φ220-500	Φ220-600	Φ300-800
Outer diameter	Φ180-360	Φ200-460	Φ220-500	Φ220-600	Φ300-800
内径(mm)	Φ120-200	Φ140-220	Φ180-250	Φ180-250	Φ250-320
Inner diameter	Φ120-200	Φ140-220	Φ180-250	Φ180-250	Φ250-320
线径(mm)	Φ0.8-6mm	Φ1-12mm	Φ5-15mm	Φ5-15mm	Φ10-25mm
Wire specification	Φ0.8-6mm	Φ1-12mm	Φ5-15mm	Φ5-15mm	Φ10-25mm
转速(rpm)	1000	800	200	180	100
Rotate speed(rpm)	1000	800	200	180	100

绞线机系列/笼式绞线机 Cage type standing machine



机器特点：Machine feature

设备用途：

该设备用于平行线对高频信号传输成绞绞合及双绞包一次完成，放线轴交叉布置排列，放线轴芯旋转跟引取轮引线速度差形成绞距，适合于高要求标准通讯线缆成绞加工。全机智能化控制，采用全套伺服控制，触摸屏直接数字设定绞距，速度稳定，产品质量明显提高。

This is the new type cage standing machine.

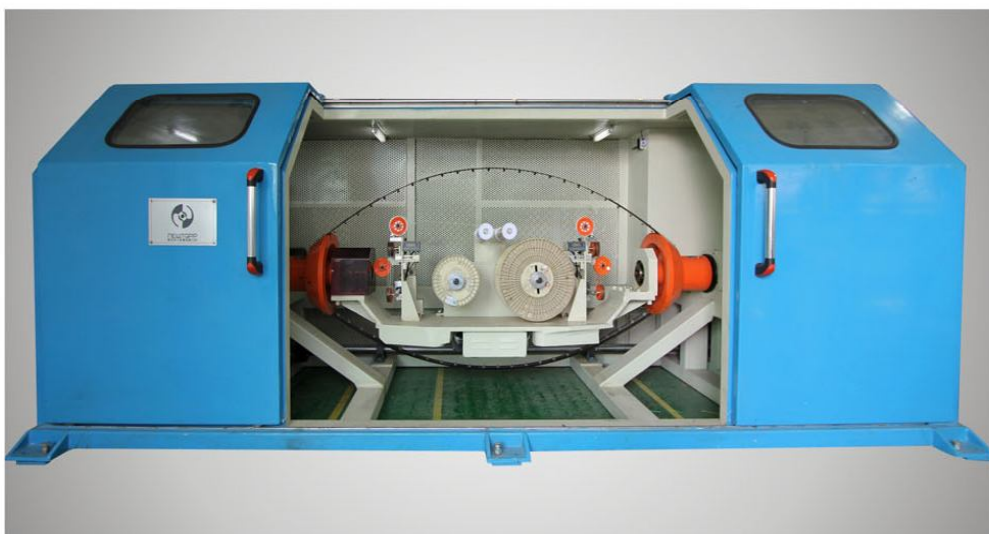
Usage: The machine is used to parallel wires and high frequency signal transmission cable twisting and pair twisting, wrapping once finished. Pay-off bobbins placed by cross type, the linear speed of difference of pay-off bobbin with drawing wheels forming the pitch, suit to high requirement standard telecommunication cables production. Full-intelligent control using whole set of Servo control, touch screen directly setting the pitch, speed is steady. The quality is improved obviously.



技术参数：Technical parameters

机器型号	XJ4T	XJ 8T (4+4)	XJ12T (4+4+4)
Model	XJ4T	XJ 8T (4+4)	XJ12T (4+4+4)
机器用途	该设备用于平行线对高频信号传输线 (SFP) 成绞绞合		
Purpose	Used to parallel wires and high frequency signal transmission cable twisting and pair twisting, wrapping once finished.		
芯线规格	1.0*0.5~4.0*2.0扁平线		
Wire specification	1.0*0.5~4.0*2.0 Flat wire		
绞合外径	Φ2~10mm	Φ2 -15mm	Φ2-20mm
Twisted OD	Φ2~10mm	Φ2 -15mm	Φ2-20mm
绞距范围	20--300mm	20-500mm	30-600mm
机器转速	MAX200rpm	MAX200rpm	MAX200rpm
Rotate speed	MAX200rpm	MAX200rpm	MAX200rpm
主机动力	10HP	15HP	20HP
Power	10HP	15HP	20HP
放线型式	4头等比例布置	4+4头分等比例布置	4+4头比例布置+4分一组布置
Pay-offs type	4 pay-offs equal proportion arrangement	4+4 pay-offs equal proportion arrangement	4 pay-offs equal proportion arrangement +4 arrange independent.
包带张力	高速中心绕包/ 自动张力追踪，包带张力从满盘到空盘保持恒定，不需人工调整		
Wrapping tension	High speed centering wrapping/Auto tension tracking, wrapping tension keep constant from start to end, needn't any manual regulation.		
放线张力	磁粉张力，记米追踪，自满盘到空盘保持恒张力，不需人工调整		
Pay-offs tension	Magnetic powder tension, Auto tracking and meter counter, keep constant tension from start to end, needn't any manual regulation.		
排线方式	轴排式收线，线材排位过程中无推、拉伤，排距根据线材规格任意设定。		
Traversing	Axis-row type take-ups. There're no damaged during the traversing process, traversing space and distance can be set freely.		

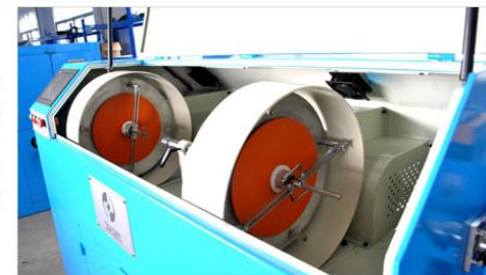
退扭对绞系列/三芯返捻绞包机 The latest twisting machine



机器特点 : Machine feature

该设备主要适用于：USB3.0、HDMI、DP、安防线等特殊工艺高频线材退扭绞合包带，同时该机台还可完成对绞和非对绞产品的机台兼容使用，可将芯线退扭、对绞、双绕包、热熔一次工艺完成。国内首家，全套采用伺服控制，全自动电子设定绞距，100%全退扭，张力自动调节，跟传统式相比，操作简单，生产效率大幅提升，降低不良品及人工成本。

Usage : It' s used in USB3.0,HDMI,DP and so on special technology high frequency wire back twist,twist and wrapping. Meanwhile it can work as one machine compatible with twisting and untwisting products,can finish back twist,twisting,double wrapping,hot melt by once time. The first domestic, the whole using Servo control, Electric pitch setting automatical,100% full back twist, automatic tension adjusting. Compared with traditional type, easier operation,production efficiency improved so much.Reduce defective products and labor cost.



技术参数 : Technical parameters

机器型号	XJ500三芯返捻绞包机
Model	XJ500 The latest twisting machine
机器用途	该设备主要适用于：USB3.0、HDMI、DP、安防线等特殊工艺高频线材退扭绞合包带
Purpose	It' s used in USB3.0,HDMI,DP and so on special technology high frequency wire back twist,twist and wrapping.
芯线规格	AWG34~AWG26
Wire specification	AWG34~AWG26
退扭率	100%
Back-twist rate	100%
包带材料	铝箔带,麦拉带,棉纸带,透明带,云母带,铁氟龙带
Taping material	Aluminum foil tape ,cotton paper tape,transparent tape,mica tape ,teflon tape etc.
绞弓转速	MAX1200rpm
Twisted bow rotate speed	MAX1200rpm
绞距范围	3.0—80mm 电子绞距
Pitch range	3.0—80mm Electric pitch (setting on touch screen)
主机动力	15HP
Power	15HP
包带转速	MAX2000rpm
Wrapping rotate speed	MAX2000rpm
包带张力	包带张力自动演算追踪,从满盘到空盘保持恒张力,不需人工调整
Taping tension	Taping tension keep constant from start to end. needn' t any manual regulation.
收线张力	收线张力从满盘到空盘保持恒定,不需人工调整
Take-up tension	Take-up tension keep constant from start to end. needn' t any manual regulation.
收线型式	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
Traversing	Shaft-row take-ups.no damaged during the traversing process, traversing space and distance can be set freely.
放线型式	动力式放线，张力自动调节，自动修正，并设断线保护功能
Pay-off type	Active pay-offs,Tension auto-adjustment.auto-correct with break line protection.

退扭对绞系列/退扭对绞机 Back-twist+Pair twisting machine

机器特点： Machine feature

用途：适用于CAT-5, CAT-5E, CAT-6等数据线缆绝缘芯线的退扭放线和对绞
Usage: Used to CAT-5, CAT-5E, CAT-6 and so on data cable back-twist and pair twisting.

特点：对绞前预退扭，显著改善芯线在对绞时对线材的结构影响，对绞机和退扭机联动运行
Feature: Back-twist before pair twisting and reduce the wire damage during twisting progress. Back-twist and pair twisting machine worked together.

机器组成：由500主动退扭放线机+500对绞机组成

Main parts: Φ500 Active back-twist pay off machine and Φ500 pair twisting machine

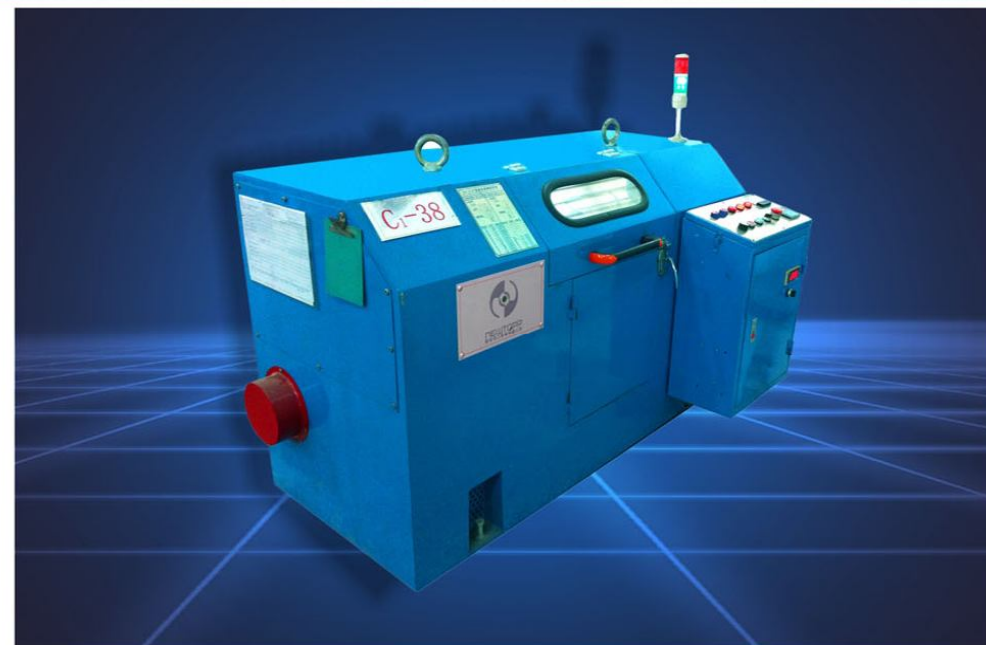


技术参数：Technical parameters

机器名称	XJΦ500主动退扭放线机
Model	XJΦ500 Active back-twist pay off machine
绞弓最高转速	1000rpm
Max rotate speed	1000rpm
芯线直径	Φ0.4--1.5mm
Wire diameter	Φ0.4--1.5mm
放线线盘	Φ500mm
Pay off bobbin size	Φ500mm
张力调节范围	1--20N
Tension range	1--20N
放线速度	0-120M/min
Pay off speed	0-120M/min
退扭率	0--50%
Backtwist rate	0--50%
退扭传动电机	4KW
Backtwist driving motor	4KW
放线电机	0.75KW
Pay off motor	4KW
升降系统驱动电机	0.75KW
Load&unload system driving motor	0.75KW

机器名称	XJΦ500对绞机
Model	XJΦ500 pair twisting machine
芯线直径	MaxΦ3.1mm
Wire diameter	MaxΦ3.1mm
绞距范围	6--54.7mm (具体可按客户要求)
Pitch range	6--54.7mm (depends on client's demand)
最大转速	2500rpm/MAX
Max rotate speed	2500rpm/MAX
最高线速	120M/min
Max wire speed	120M/min
放线张力	张力摆杆反馈控制
Pay off tension	Controlled by tension slider rod feedback
收线张力	磁粉离合器，盘径自动跟踪
Take up tension	Magnetic powder clutch, Bobbin size auto-tracking
线轴升降	放线电机自动升降，收线液压自动升降
Load-unload bobbin	Automatic lift by pay-off motor and take-up hydraulic pressure
适应线轴	Φ500mm
Bobbin size	Φ500mm

铜绞机系列/绞铜机 Wire&cable buncher



技术参数：Technical parameters

机器型号	XJ300	XJ400	XJ500	XJ650
Model	XJ300	XJ400	XJ500	XJ650
机器用途	适用于裸铜线、镀锡线、漆包线的绞合			
Usage	Apply to bare copper wire, tinned wire, enameled wire twisted.			
芯线规格	0.05~0.28	0.08~0.45	0.19~0.80	0.08~0.45
Wire specification	0.05~0.28	0.08~0.45	0.19~0.80	0.08~0.45
绞合面积	0.05~0.28	0.08~0.45	0.08~0.45	0.19~0.80
Twisted area	0.05~0.28	0.08~0.45	0.08~0.45	0.19~0.80
综合节距	3.4~17.2	4.08~31.5	4.2~39.6	4.2~55.5
Comprehensive pitch	3.4~17.2	4.08~31.5	4.2~39.6	4.2~55.5
机器转速	4200rpm	3500rpm	3000rpm	2000rpm
Rotate speed	4200rpm	3500rpm	3000rpm	2000rpm
机器动力	5HP	7.5HP	7.5HP	10HP
Power	5HP	7.5HP	7.5HP	10HP
扁平线缆方式	光杆排线	光杆排线	光杆排线	光杆排线
Traversing	Polish rod traversing	Polish rod traversing	Polish rod traversing	Polish rod traversing
刹车制动	电磁刹车器	电磁刹车器	电磁刹车器	电磁刹车器
Brake	Electromagnetic brake	Electromagnetic brake	Electromagnetic brake	Electromagnetic brake
卷取张力	电磁自动追踪	电磁自动追踪	电磁自动追踪	电磁自动追踪
Capstan tension	Electromagnetic Auto-tracking	Electromagnetic Auto-tracking	Electromagnetic Auto-tracking	Electromagnetic Auto-tracking

全自动高速裁线机（HDMI专用） Automatic high-speed wire cutting machine(For HDMI)



机器特点：Machine feature

本机可配大轴放线架独立裁线亦可与挤出机生产线配套联动裁线，裁线速度快，切断能力强。本机主要采用外被挤出机原理，特别是对HDMI线材，在裁线中不会破坏线材内部结构，裁线动力使用伺服马达驱动，配伺服控制器，裁断长度更精准。

The machine can be equipped with large-axis pay-offs and cut wire independently, also can be linkage with extrusion production line to cut the wire together. Fast cutting speed and excellent cut ability. This machine mainly adopted the principle of Outside coating extruder, especially to HDMI wire, will not damage wire interior structure during the cutting process. Cutting power adopted Servo motor drive with Servo controller, Make the cutting length more precise.

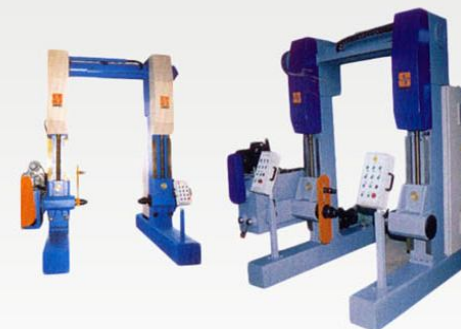
技术参数：Technical parameters

机器名称	全自动高速裁线机（HDMI专用）
Model	Automatic high-speed wire cutting machine(For HDMI)
裁线速度	150-180M/MIN
Cutting speed	150-180M/MIN
切断能力	圆形线:Φ4.0mm~16mm 平型线:2X4.5~4.0X11
Cutting ability	Round wire:Φ4.0mm~16mm Flat wire:2*4.5~4.0*11
裁线长度	最短600mm,最长不限
Cutting length	Min 600m, Max no limited
裁线精度	± 2mm
Cutting precise	± 2mm
取线方式	打线杆打线，平皮带引出
Take-ups type	Flat belt draw forth
给线方式	大轴动力放线 / 大轴被动放线 / 与挤出机联动运转
Pay-offs type	Big-axis active pay-offs/Big-axis passive pay-offs/Linkage running with extruder.
机器动力	主机2HP / 输送带1HP
Machine power	Main engine:2HP Delivery belt:1HP
输送长度	5M
Delivery length	5M

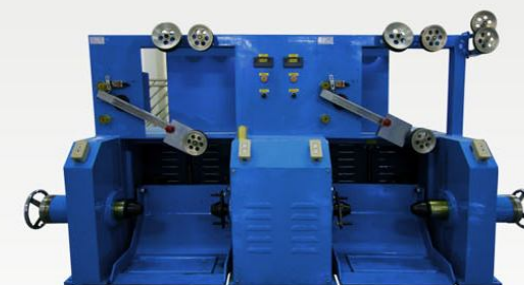
辅助设备 Auxiliary equipment



打卷机 Wire&cable coiling machine



龙门式放线
Double column type pay-offs



主动式双轴放线架
Active dual-axis pay-offs