



Wuhan Xinglian Trading Co., Ltd.

武汉市幸联贸易有限公司

Main Products: Precision Steel Strip Oscillate Winding Equipment, "
"Complete Automatic Wire Pay-off & Take-up Units

Precision Manufacturing

Intelligent Control

Quality Assurance

Professional Service

Contact Us

Phone / WeChat / WhatsApp: 13387658271

Email: manager@wuhanxinglian.com



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Microcomputer Cable Traverser Controller

Precision winding traversing microelectronic controller system for wire winding equipment. Collects reel speed pulses, controls ball screw reciprocating motion, and tracks spindle speed in real time.

Parameter	Specification
Model	JHSD-1000
Traversing Mode	Oscillated ball screw traversing
Wire Diameter	0-100mm
Specification	2.8/4.3 inch + control panel
Power	DC24V
Thrust	200-5000N/m
Motor	Stepper/Servo motor
Protocol	MODBUS 485
Encoder Output	Differential / Open collector (optional)
Application	Wire winding equipment; 3D printing consumables line



Touch All-in-One Cable Traverser Controller

Integrated traversing, length counting, and multi-channel analog output. Standard MODBUS communication. 7/10/15 inch touch all-in-one options for intuitive operation.



Parameter	Specification
Model	Touch All-in-One
Traversing Mode	Oscillated ball screw traversing
Wire Diameter	0-100mm
Specification	7/10/15 inch touch all-in-one
Power	DC24V
Thrust	200-5000N/m
Motor	Stepper/Servo motor
Protocol	MODBUS 485
Encoder Output	Differential / Open collector (optional)
Application	High-speed automatic winding & traversing



Guide Rail Cable Traverser

High-precision ball screw traversing with aluminum light-duty slide, cast steel heavy-duty slide, and protected type options.

Customizable stroke for long-term high-speed and heavy-load conditions.



Parameter	Specification
Model	Guide Rail Type
Traversing Mode	Oscillated ball screw traversing
Slide Type	Aluminum 2005 light / Cast steel 2510 heavy / Protected
Servo Motor	400W/750W
Effective Stroke	300/400/500mm (customizable)
Power	DC24V
Protocol	MODBUS 485
Thrust	200-5000N/m
Application	Long-term high-speed heavy-load winding



Copper Flat Wire Rolling Mill Line (Draw-Roll-Draw-Take-up)

For precision rolling and drawing of brass and copper wire: draw-roll-draw-take-up. Composed of pay-off stand, round wire drawing machine, precision rolling mill, flat wire drawing machine, oscillate coiler, electric control and cooling system.



Parameter	Specification
Model	XL-CFW-01
Configuration	Draw-Roll-Draw-Take-up
Incoming Wire	5.5mm
Product Range	A side 2-5mm, B side 0.6-3.5mm
Max Line Speed	120m/min
Roller Diameter	200/180mm
Capstan Diameter	600mm
Idler Diameter	300mm
Auxiliaries	Roller cooling, drawing cooling, electric control
Total Power	65kW



Copper Flat Wire Rolling Mill Line (Multi-Draw & Roll)

Multi-pass drawing and precision rolling unit for medium-size copper flat wire. Drawing, flattening and coiling can work independently or online.



Parameter		Specification
Model	XL-CFW-02	
Configuration	Draw-Draw-Roll-Draw-Draw-Take-up	
Incoming Wire	Max 8mm	
Product Range	A side 3-8mm, B side 0.6-5mm	
Max Line Speed	120m/min	
Roller Diameter	250mm	
Capstan Diameter	800mm	
Idler Diameter	400mm	
Auxiliaries	Roller cooling, drawing cooling, electric control	
Total Power	140kW	



Copper Flat Wire Rolling Mill Line (Twin-Draw, Triple-Roll, Online Annealing)

Large-scale copper flat wire production line with twin drawing, triple rolling and online annealing for high-efficiency production of large-section flat wire.



Parameter		Specification
Model	XL-CFW-03	
Configuration	Twin-Draw, Triple-Roll, Online Annealing, Draw, Take-up	
Incoming Wire	Max 12mm	
Product Range	A side 4-16mm, B side 2.5-4mm	
Max Line Speed	80m/min	
Roller Diameter	350/300/300mm	
Capstan Diameter	1200mm	
Idler Diameter	400mm	
Auxiliaries	Roller cooling, drawing cooling, electric control	
Total Power	450kW	



Copper Flat Wire Rolling Mill Line (Precision Type)

Precision copper flat wire rolling mill line for high-precision, small-specification flat wire production.



Parameter	Specification
Model	XL-CFW-04
Configuration	Draw-Draw-Roll-Draw-Draw-Take-up
Incoming Wire	4mm
Product Range	A side 3.5-8mm, B side 0.2-2.2mm
Max Line Speed	120m/min
Roller Diameter	180/160mm
Capstan Diameter	650mm
Idler Diameter	400mm
Auxiliaries	Roller cooling, drawing cooling, electric control
Total Power	80kW



Oscillate Recoiler

Precision winding traversing microelectronic controller system for special wire, magnet wire, sheath wire, stainless steel wire, cable, flat/round/shaped wire coiling.

Parameter	Specification
Model	Oscillate Recoiler
Traversing Mode	Oscillated ball screw traversing
Wire Type	Flat/Round/Shaped wire
Rewinding Speed	300r/min
Winding Motor	3KW servo motor
Traversing Motor	1.5KW servo motor
Applicable Reel	PN400-800mm
Clamping/Locking	Pneumatic
Tension Range	40-200N
Length Accuracy	3‰



300 Type Oscillate Recoiler

For precision winding of thin wire, narrow strip and small coil. Dual servo control with adjustable tension.



Parameter	Specification
Model	300 Type
Traversing Mode	Oscillated ball screw traversing
Wire Diameter	1-6mm
Winding Speed	300m/min
Coil ID	300mm
Coil OD	500mm (customizable)
Coil Width	100-150mm
Drive	Dual servo control
Tension Range	40-200N
Application	3D printing wire, small-size wire coiling



Fully Enclosed 630 Oscillate Recoiler

Fully enclosed dustproof structure for high-standard cable coiling, large reel and high-speed winding production lines.

Parameter	Specification
Model	Fully Enclosed 630
Traversing Mode	Oscillated ball screw traversing
Applicable Reel	PN630-800mm
Rewinding Speed	200r/min
Wire Diameter	1-14mm
Control System	Servo system
Reel Locking	Pneumatic
Structure	Fully enclosed dustproof
Application	High-standard cable coiling



630-800 Active Decoiler

Active pay-off with automatic tension synchronization for active feeding of cable units, rolling mills, rewinders and extruders.

Parameter	Specification
Model	630-800 Active Decoiler
Traversing Mode	Oscillated ball screw traversing
Pay-off Mode	Active pay-off, automatic tension sync
Applicable Reel	PN630-800mm
Wire Diameter	1-14mm
Encoder Output	Differential / Open collector
Application	Cable units, rolling mills, rewinders, extruders



650-1260 Hollow Coil Recoiler

For large-section cable, hollow coil coiling and heavy copper/aluminum wire winding.

Parameter	Specification
Model	650-1260 Hollow Coil
Traversing Mode	Oscillated ball screw traversing
Applicable Wire	Flat/Round/Shaped wire
Rewinding Speed	200r/min
Wire Diameter	1-14mm
Drive	Servo motor
Locking	Pneumatic
Control System	HMI touch screen
Encoder Output	Differential / Open collector



800 Oscillate Base Hollow Coil Recoiler

Mobile station design for medium and large wire multi-scenario coiling.



Parameter	Specification
Model	800 Oscillate Base
Traversing Mode	Oscillated ball screw traversing
Wire Diameter	1-14mm
Control System	Servo
Lifting Motor	0.55KW
Clamping	Pneumatic
Encoder Output	Differential / Open collector
Application	Mobile station, medium/large wire coiling



Steel Strip Slitting & Winding Unit

For slitting, edge trimming, shaping and rewinding of stainless steel strip, armored steel strip and metal narrow strip.



Parameter	Specification
Model	Steel Strip Slitting Unit
Traversing Mode	Oscillated ball screw traversing
Strip Width	5-25mm
Strip Thickness	≤2mm
Winding Speed	150m/min
Winding Motor	3KW servo
Traversing Motor	1.5KW servo
Reel Spec	ID 400-500mm, OD 800mm
Expansion	Hydraulic
Tension Range	40-200N



300 Type Steel Strip Edge Trimming Winding Unit

For edge trimming and rewinding of narrow strip, ultra-thin strip and precision small coil steel strip.

Parameter	Specification
Model	300 Type Steel Strip
Traversing Mode	Oscillated ball screw traversing
Strip Width	1-10mm
Strip Thickness	≤1mm
Winding Speed	300m/min
Traction Motor	4KW
Control System	Servo
Length Accuracy	3‰



800 Type Steel Strip Edge Trimming Winding Unit

For edge trimming, shaping and rewinding of medium-wide steel strip, armored strip and metal coil.



Parameter	Specification
Model	800 Type Steel Strip
Traversing Mode	Oscillated ball screw traversing
Strip Width	8-25mm
Strip Thickness	≤2mm
Winding Speed	150m/min
Cutter	Adjustable up/down/front/rear, customizable qty
Control System	Servo

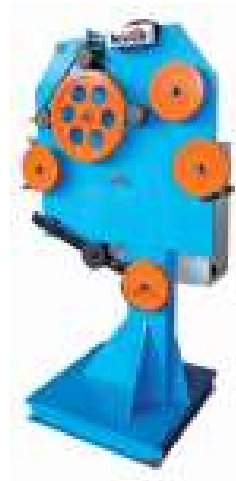


Barrel Type Wire Winding Machine

For 1-6mm soft wire, cable, welding wire and various soft/hard wires and shaped wires. Non-stop barrel changing, plum-shaped winding without knotting.



Parameter	Specification
Model	Barrel Type
Traversing Mode	Oscillated ball screw traversing
Applicable Wire	1-6mm soft wire
Winding Motor	4KW
Vibration Motor	3KW
Conveyor Motor	0.18KW
Winding Speed	600m/min
Barrel Spec	OD 500, ID 300, Height 500-700mm
Feature	Non-stop barrel changing, plum winding



Belt/Wheel Wire Tractor Series

Various tractors for cable extrusion, cabling, flattening, drawing, rolling and rewinding production lines. Optional flat belt or synchronous belt, variable frequency/servo/synchronous motor drive.

Parameter Specification	
Model	Wire Tractor Series
Traversing Mode	Oscillated ball screw traversing
Type	500kg/1200kg belt type, 300/500 wheel type
Clamping	Pneumatic
Drive	Variable frequency / Servo
Traction Force	150kg-2000kg
Application	Cable extrusion, cabling, flattening, drawing, rolling



About Us

Wuhan Xinglian Trading Co., Ltd. is a trading service company specializing in precision steel strip oscillate winding equipment and complete automatic wire pay-off & take-up units. Our products are widely used in cable, metal products, 3D printing consumables and other industries. We are committed to providing customers with high-quality and cost-effective winding solutions. With a customer-oriented and quality-based business philosophy, we sincerely provide professional products and considerate service.



Contact

Information

Company: 武汉市幸联贸易有限公司

Wuhan Xinglian Trading Co., Ltd.

Website:

<https://www.wuhanxinglian.com>

Phone / WeChat / WhatsApp:

13387658271

Email:

manager@wuhanxinglian.com