

CABLE MACHINERY

We are
Simply...
Reliable!

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COMPANY PROFILE

JIANGSU RELIABLE INDUSTRY CO. LTD (RLB) was established in the year 2001 in the fast developing city of Changzhou, in Jiangsu the East-Central province of China. Since then, **RLB** has been working dynamically to become a preferred supplier of Wire & Cable materials and a reliable provider of equipment, systems and solutions. **RLB** leveraged from utilizing technology with its strong experience and knowledge in the industry Standards, to guarantee to offer price-competitive yet premium products directly from its own manufacturing facilities or through the strong connections and solid joint ventures with other prominent source suppliers located in China.

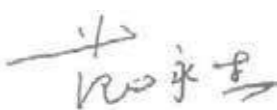
RLB's growing global market reach extends from Asia Pacific to Latin-America, and from North-Africa & Middle East to Europe and South-East Asia. Counting on its comprehensive industry knowhow and its wide basket of products and services.

RLB had the privilege to obtain access to big and vital customers in the W&C Industry, which were soon turn into repeatedly satisfied clients. For the last decade, RLB has a record of more than 30 successfully delivered projects especially in the regions that witnessed fast development of the W&C Industry. Today, **RLB** is highly grateful to its client spread for trusting its extended pool of offered products, ranging from metals (copper, aluminum and steel), plastics, chemicals and tapes, as well as heavy machinery, intermediate machinery, auxiliary equipment and spare-parts & tools.

Sincerely,

Emilly Fan

General Manager




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01 Copper Shaft Melting Furnace Plus Continuous Casting And Rolling Line

Application:

Producing 8mm diameter low-oxygen bright electrical-purpose copper rods from first-grade electrolytic copper plates. Adopting the design of shaft furnace plus holding furnaces, equipped with a carbon monoxide analyzer, the atmosphere in the furnace is monitored in real time to maintain a stable atmosphere for the furnace. It adopts fully automatic & continuous casting machine, all two-roll rolling mill, and oil-water separation design. It has long service life and the maintenance cost is low.

Specification & Parameter

Model	Cast Blank Section Area In mm ²	Rolling Form	Rolling Passes	Driving Form	Output Capacity In t/h
8mm Diameter Bright Low-Oxygen Copper Rod	2400	All 2 Roll	12	Single Motor	15
8mm Diameter Bright Low-Oxygen Copper Rod	3800	All 2 Roll	12	Individual Motor Drive	25
8mm Diameter Bright Low-Oxygen Copper Rod	5430	All 2 Roll	11	Individual Motor Drive	35



02 Reverberatory Furnace Plus Continuous Casting And Rolling Line

Application:

Producing 8mm diameter low-oxygen bright electrical-purpose copper rods from copper scrap. Adopting the design of 2 rolls plus 3 rolls plus 2 rolls, the roundness and quality of copper rods are guaranteed. The project investment cost is low.

Specification & Parameter

Model	Final Product Model	Rolling Form	Rod Diameter In mm	Speed In m/s	Output Capacity In t/h
Parameter	Bright Low-oxygen Copper Rod	All Three-Roll Or Two Rolls Plus Three Rolls Plus Two Rolls	φ8	8.1-9.6	15/18



03 Upcast Copper Rod Production Line



Application:

Producing oxygen-free (of which the oxygen content is not more than 10ppm) copper rods of 8/12/16/20/25mm diameter from primary electrolytic copper plates. Meanwhile, it can also produce copper pipes, copper bars and etc.
Optional items: complete sets of equipment such as horizontal continuous casting machine and cold rolling mill

Specification & Parameter

Model	Final Product Form	Rolling Form	Outlet Size In mm	Speed In m/s	Annual Production In t/year
Parameter	Oxygen-free Copper Rod	Cold Rolling	φ8、φ12、φ16、φ20、φ25	8.1 - 15.5	3000-15000
	Copper Pipe	Cold Rolling And Drawing	φ6 - 42	8.1 - 15.5	3000-15000
	Copper Bar	Drawing	5*10 - 10*100	8.1 - 15.5	3000-15000



04 Al Rod Continuous Casting And Rolling Production Line



Application:

Producing 9.5, 12, 15mm diameter electrical-purpose round aluminum rods from various sizes of aluminum ingots and electrolytic aluminum liquid.

Fuel Options:

LNG, LPG, heavy oil, diesel and etc.

Subject to aluminum raw materials, shaft melting furnace, rectangular melting furnace, double-chamber furnace and etc are chooseable.

Energy saving and environmental protection is achievable with complete regenerative combustion technology.

Specification & Parameter

Model	Final Product Designation	Rod Diameter In mm	Rolling Form	Driving Form	Output Capacity In t/h
Aluminum And Aluminum Alloy Rod For Electrical Purpose	H12、H14、8030、8176、6201、6101	φ9.5、φ12、φ15	Three Rolls, Two Rolls	Single Motor (Or Sub-Motor) Driving	4.2-5
		φ9.5、φ12、φ15	Two Rolls	Individual Motor Drive	7.2-7.5



05 Al Rod Breakdown Machine

Application:

Drawing 9.5, 12mm diameter aluminum and aluminum alloys round rods (or shaped rods) for electrical purpose into wires of smaller size

Optional Machine Models:

Single head or double head, gearbox driving or sub-motor driving.

Subject to the customer's need, both down coiler and double bobbin changeover take-up machine are available to support the line.

It features low energy consumption, easy operation and maintenance, and etc.

Specification & Parameter

Model	Outlet Diameter In mm	Drawing Pass	Maximum Line Speed In m/s	Take-up bobbin Specification	Coiler Basket Specification
Single Head	φ1.2 - φ4.5	9-13	30	PND630-800	Type 630/800/1000
Double Head	2×φ1.8-φ5.3(EC alu.) 2×φ2.0-φ4.0(Alloy alu.)	9-13	30	PND630-800	Dimension 630/800/1000



06 Copper Rod Breakdown Machine

Application:

Drawing 8mm diameter copper rods into 1.2-4.5mm diameter copper wires, and directly anneal and soften them continuously after drawing.

Annealing options include DC and AC; The sub-motor drive greatly reduces sliding friction during drawing, reduces steel ring wear, effectively reduces energy consumption and improves production efficiency.

Specification & Parameter

Model	Outlet Diameter In mm	Drawing Pass	Maximum Line Speed In m/s	Take-up Specification	Coiler Basket Specification
1 Head	1.6-4.5	9-13	30	PND630-800	Dimension 630/800/1000
2 Head	2*1.2-4.5	9-13	30	PND630-800	Dimension 630/800/1000



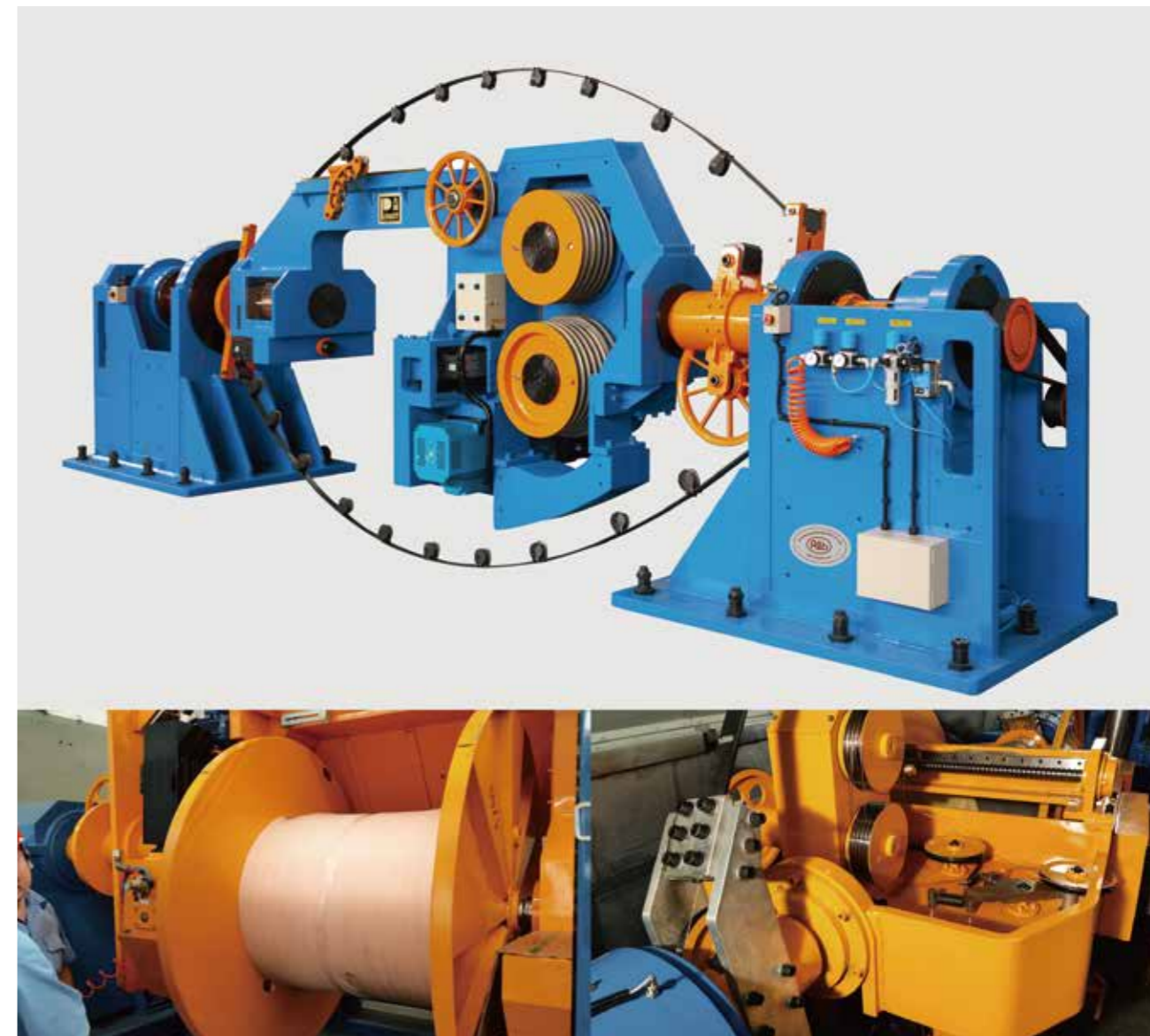
07 Multi-head Copper Wire Drawing Machine

Application:

Producing 0.1-1.5mm diameter annealed copper wires.
Provide double head, eight head, and sixteen head sub-motor driving models;
Provide single or multiple take-up machines according to customer's needs.

Specification & Parameter

Model	Outlet Diameter in mm	Annealing Elongation	Drawing Pass	Maximum Line Speed In m/min	Take-up Bobbin Specification
2 Head	2*4.0-1.2	15 - 33%	17	1400	PND 630-800
8 Head	0.15-0.047	15 - 33%	21	1800	PND 630-800
16 Head	0.2-1.05	15 - 33%	21	1800	PND 630-800



08 Double Twist Bunching Machine

Application:

Twisting conductors with a cross-sectional area of 0.35-150mm²;
Silent running of the imported carbon fiber twisting bow;

Machine Models:

500,630,800,1000,1250,1600,2000;
Provide double-headed active pay-off stand, frame-type pay-off stand, dynamic pay-off stand, static pay-off stand, single-axis passive pay-off stand, and etc.

Specification & Parameter

Model	Bobbins Load In kg	Cross-sectional Area In mm ²	PVC Core Wire Outer Diameter In mm	Rotation Speed In rpm	Maximum Traction Speed In m/min
500	250	0.35 - 1.5	-	3500	150
630	600	0.5-6	5	3000	300
800	1000	0.5-10/16	8/10	2500/2000	300
1250	4000	70	22	650	180
1600	8000	150	25	500	160
2000	10000	180	30	450	150



09 Rigid Stranding Machine



Application:

Producing wire strands of copper, aluminum, and aluminum alloys, conductors of round, compact round, shaped, sector, and pre-twisted sector.

Machine unit model:

PND 630, 710, 800 and Bobbin 36, 61, 91, 127.

Optional Tension Setting Mode:

Servo, hysteresis, and pneumatic friction.

With the support of rewinding machine and tapping machine, it can work as copper wire (tape) screening machine unit.

Specification & Parameter

Model	Pay-Off Bobbin Flange Diameter In mm	Compact Round Section In mm ²	Pretwisted Sector Section In mm ²	Line Speed In m/min	Traction Wheel Force In T
61B	φ630/φ710/φ800	1000	630-2400	60	18
91B	φ630/φ710/φ800	1000	630-3000	50	18
127B	φ630/φ710/φ800	3500	630-3000	45	50



10 Tubular Stranding Machine



Application:

Producing wire strands of copper, aluminum, and steel material, producing ACSR conductors.

Advantages:

Large bearing support, fast speed, good overall performance, fast running speed, high efficiency, long service life and etc.

Machine Models:

500mm, 630mm, 800mm and 1000mm, 1+6B, 1+12B.

Specification & Parameter

Model	Copper Wire Diameter In mm	Aluminum Wire Diameter In mm	Aluminium Clad Steel Wire Diameter In mm	Galvanized Steel Wire Diameter In mm	Rotation Speed In rpm
630×7B	1.2-4.0	1.6-5.0	1.2-5.0	1.2-4.0	900
630×12B	1.2-4.0	1.6-5.0	1.2-5.0	1.2-4.0	700



11 Cage Stranding Machine



Application:

Producing wire strands of copper, aluminum, aluminum alloys, aluminum clad steel, and galvanized steel material; cable armoring processing; With 100% untwisting rate, it is also suitable for stranding processing of control cables, signal cables, computer cables and other insulated core wires.

Optional Tension Setting Model:

Servo, hysteresis, and pneumatic friction;

Available Machine Models:

500mm, 630mm and 800mm. Machine unit of 70+80B has been manufactured and delivered successfully.

Specification & Parameter

Model	Number of bobbin In A Single Cage	Inlet Diameter In mm	Maximum Cable Diameter In mm	Maximum Linear Speed In mm	Traction Wheel Diameter In mm
500	6B/12B/18B/24B	1.3-4.0	40	140	1600
630	6B/12B/18B/24B	1.4-5.0	50	120	2000
800	6B/12B/18B	1.6-6.5	60	100	2500



12 Bow Type Laying Up Machine



Application:

Untwisting and stranding processing of single wires of 8-185 mm² section area for the purpose of further cable assembly.

Machine Model:

800, 1000, 1250, 1600, 1+4-6B.

It has high production efficiency.

Specification & Parameter

Model	Form	Conductor Cross-Sectional Area In mm ²	Strand Max. Outer Diameter In mm	Maximum Speed of Cage In rpm	Maximum Linear Speed In m/min
1000	1+3, 1+4, 1+5	8-70	12	500	150
1250	1+3, 1+4, 1+5	10-95	16	400	150
1600	1+3, 1+4, 1+5	16-150	20	400	150



13 Drum Twister

Application:

Stranding of large section and long length cables, and steel wire armoring.

Model:

1600mm, 2000mm, 2500mm, 3500mm, 4000mm and 5000mm, 1+5B.

Advantage:

Electrically operated clamp and unclamp, hydraulic lifting platform, traction stepless speed regulation, Arbitrarily adjustable pitch, excellent production efficiency and high cost performance.

Specification & Parameter

Model	Finished Cable Diameter In mm	Number of Armored Wires	Rotary Caterpillar Clamping Length In mm	Take-up Load In Ton	Take-up Bobbin Flange Diameter In mm
1600	50	48	1000	6	1600
2000	60	60	1000	8	2000
2600	100	84	1500	25	2600
3150	130	96	2000	25	3150
4000	150	96	2500	30	4000



14 Taping Machine And Armoring Machine

Application:

Taping processing with copper tapes or non-metallic tapes over cables, and armoring processing with steel tapes. Semi-tangent double-pad structure.

Optional Tape Pad Tension:

Mechanical, hysteresis. It features S&Z rotation direction, stepless speed regulation, and arbitrarily adjustable pitch. The angle of tape outlet being controlled by multiple sets of guide wheels, makes the taping more stable and efficient.

Advantage:

Broken tape and empty tape alarm function, HMI control, digital communication, synchronizing with the production line, and stable pitch.

Specification & Parameter

Model	Tape Pad Size In mm	Tape Pad Weight kg	Cable Diameter In mm	Motor Power In KW	Tape Speed In rpm
Tapping Machine	600	80	120	7.5AC	700
	800	100	180	11AC	600
Steel Tape Armoring Machine	600	100	120	15AC	450
	800	200	180	18.5AC	450



15 CCV Line

Application:

Producing insulated cable cores.

Providing 35/66/132KV catenary production line.

Having high-performance process calculation system with independent intellectual property rights, which can automatically detect process parameters and automatically adjust line speed.

Features in excellent production efficiency and high cost performance.

Specification & Parameter

Voltage Class	Copper Conductor Section In mm ²	Aluminum Conductor Section In mm ²	Maximum Cable Weight In kg/m	Cable Outer Diameter In mm	Thickness of Inner Shilded In mm	Thickness of Insulation In mm
6/10-26/35kV	35-630	50-800	10	70	0.4-2.0	2.5-10.5
66KV	50-1200	70-1200	15	100	0.4-2.5	3.4-17
6/10-132kV	120-2000	120-2000	23	120	0.5-3.0	3.4-22.5



16 Rubber Cable Three-layer Co Extrusion Sulfur Production Line

Classification And Introduction of Rubber Cables:

1. Ordinary rubber flexible cables (yc yz, etc.).
2. Equipment type rubber cables (mining rubber cables, locomotive lines, wind cables, shield machine cables, tower crane cables, etc.).
3. Plug cords and supporting wires (mainly UL vde certified air conditioning wires, home wires, electric tool wires, etc.).
4. Special cables (customized cables for special usage environments).
5. New energy locomotive cables (silicone rubber).

Rubber cable production process

1. Advantages of pipeline steam continuous vulcanization method: efficient and reliable quality; Mainly applicable to production of all rubber cables such as ordinary rubber flexible cables, mining rubber cables, locomotive lines, wind power cables, shield machine cables, tower crane cables, submersible oil pump cables, UL vde certified air conditioning wires, electric tool silicone rubber cables, and etc;

Disadvantages: Large footprint, having requirements for plant length and height, high dependence on energy, mainly steam sources.

2. Irradiation vulcanization method: Advantages: Extremely efficient, currently the extrusion speed of rubber insulation can reach up to 400*2 meters per minute; Sheathing 100 meters per minute is currently suitable for the production of UL vde certified air conditioning wires, electric tool wires, and some welding machine wires; Disadvantages: It can only be used for the production of some civilian rubber cable products with low requirements. Rubber cables with large diameters and thick thicknesses cannot be fully penetrated and require irradiation accelerator processing; Significant environmental pollution;

3. Hot air vulcanization: Advantages: Small footprint. Mainly applicable to silicone rubber cables; Disadvantage: Can only produce silicone rubber cables.



17 Cable Core Insulation Line



Application:

Extruding insulation layer over low-voltage wire and cable cores.

Extruding Materials:

PVC/LDPE/LSHF/NYLON/TPU and etc.

Speed Of High-speed Extruder Unit:

1000-1500 m/min. May be accompanied with double-bobbin changeover take-up machine, subject to customer's needs.

Specification & Parameter

Screw Diameter In mm	L/D Length-diameter Ratio	Screw Speed In rpm	PVC Extrusion Efficiency In kg/h	PE Extrusion Efficiency In kg/h	LSHF Extrusion Efficiency In kg/h	Cable Diameter In mm
32	24	120	20	14	-	10
40	24	120	50	35	-	20
50	26	140	100	60	70	30
60	26	140	160	100	120	45
75	26	140	250	150	180	60
90	26	120	380	195	163	70
100	26	120	450	270	255	85
120	26	90	650	450	375	100

18 Sheathing Line



Application:

Suitable for sheath extrusion over MV and LV, HV and EHV cables

Model:

φ100-180mm diameter high-speed extruder unit.

Advantage:

We can supply 2-7 meters pay-off/take-up stand, aluminum tape longitudinal taping, graphite coating, asphalt coating device, etc.

Specification & Parameter

Screw Diameter In mm	L/D length-diameter Ratio	Cross Section In mm ²	Finished Cable Outer Diameter In mm	PVC Extrusion Efficiency In kg/h	PE Extrusion Efficiency In kg/h
100	26	10-240	45	450	270
120	26	25-630	80	650	450
150	25	50-800	100	1000	675
180	25	120-1000	140	1250	855



19 Metal Tape Forming And Argon Arc Welding Line



Application:

Suitable for the production of copper and aluminum sheathing for ultra-high voltage cables.

Model:

φ35-φ180mm diameter.

Advantage:

We can supply corrugating device as well.

Specification & Parameter

Welding Outer Diameter In mm	Thickness of Copper Alloy Tape In mm	Thickness of Stainless Steel Tape In mm	Thickness of Aluminum Alloy Tape In mm	Welder Speed In m/min	Corrugating Pattern
10-60	0.4-1.0	0.4-0.8	0.5-1.3	0-20m/min	Eccentric Corrugating
70-200	1.5-4.0	0.6-1.5	0.8-2.0	2-6m/min	Eccentric Corrugating



20 Lead Extruder



Application:

Suitable for extrusion of lead and lead alloys cable sheath.

Model:

φ35-φ180mm diameter.

Advantage:

Excellent production efficiency and cost performance.

Specification & Parameter

Core Diameter In mm	Cladding Diameter In mm	Screw Diameter In mm	Screw Speed In rpm	Extrusion Capacity In kg/h	Outlet Speed In m/min
8-35	10-40	100	5-11	360-720	3.5-22
36-150	40-160	200	5-15	900-2700	10-20



21 Extruding And Cladding Line

Application:

Suitable for continuous extrusion of copper and aluminum into round wires, shaped wires, plates, profiles and etc. It can be used as an aluminum-clad steel production line.

According to different finished products, configure a full set of production lines, surrounding facilities, auxiliary materials and process guidance;

Model:

300, 350, 400, 450.

Specification & Parameter

Aluminum Clad Steel Wire Continuous Cladding Production Line			Continuous Extrusion Line Of Copper Bar/Rod/Profile Production Line					
Model	SLB350	SLB400	Model	TLJ350	TLJ350H	TLJ400	TLJ400H	TLJ500
Extrusion Wheel Diameter In mm	350	400	Extrusion Wheel Dia Nominal In mm	350	350	400	400	500
Motor Power In kw	200	315	Main Motor Power In kW	160	200	250	315	355
Aluminum Rod Diameter In mm	2*9.5	2*12	Copper Rod Diameter In mm	16	16	20	20	25
Core Diameter In mm	3-7	3-7	Maximum Width In mm	100	100	170	170	260
Electrical Conductivity In IACS	14-40%	14-40%	Round Rod Product Diameter In mm	4.5-50	4.5-50	8-90	8-90	12-100
Maximum Line Speed In m/min	180	180	Product Cross-sectional Area In mm ²	15-1000	15-1000	75-2000	75-2000	300-3200
			Productivity In kg/h	780	950	1200	1500	1800

22 HV Testing Machine Turnkey Solution

Application:

Suitable for routine tests on transformers, cables, insulators, switchgear, bushing and etc; On-site inspections on substations and cable pipelines.

Model:

High voltage: DC 400KV*4, AC 500KV*4, impulse voltage 4800KV;

We can offer a complete set of solutions including design, production, installation, commissioning and etc, subject to the customer's needs.

Specification & Parameter

Sr.	Name Of Test	Testing equipment	Sr.	Name Of Test	Testing equipment
		E.g.: Configuration For 220kV Cable Testing			E.g.: Configuration For 220kV Cable Testing
01	Test On Cable Drum, Using Low-Pd Series Resonant Test System	XZL-10500kVA/350kV HV Resonant Reactor (Tank Type)	04	Impulse Voltage Test	CJDY400kV/10kJ Impulse Voltage Generator
		ZB-300kAV/5kV/5kV Exciter Transformer			DC Charging Device
		CGLB-300kVA/0.38kV/0.4kV Isolation Transformer			RZF-400kV Damping Capacitive Voltage Divider
		CGLB-10kVA/0.22kV Isolation Transformer			IMCS01042 Computer-aided Control And Measurement System
02	Test On Short Sample	LBH-350kV/40A HV Filter	05	Cyclic Heating Test	100kVA Voltage Regulator For TL
		TAWF-350kV/100PF Calibration Injected Capacitor			50kVA Voltage Regulator For SL
		LBL-1000A/0.5kV LV Filter			Computer-aided Control And Measurement System
		*1A/0.22kV Control Filter			Temperature Measuring Units
		LBL-30A/0.22kV Control Power Filter			Control Cabinet
		GTVDZ-300kVA/0.38kV Voltage Regulator			Reactive Power Compensation Capacitance
		ATC-2008 Computer-aided Control And Measurement System			Heating Transformer
03	PD Measurement	XZL-1200kVA/400kV HV Resonant Reactor (Cylinder Type)	06	Tracking Resistance Test	TEDGC -5/0.22/0~0.25 Voltage Regulator
		ZB-300kAV Exciter Transformer			YD - 5/5 AC Test Transformer
		CGLB-300kVA/0.38kV/0.4kV Isolation Transformer			TAF - 500/10 Voltage Divider
		CGLB-25kVA/0.22kV Isolation Transformer			AC-2000 Control
04	PD Measurement	LBH-400kV/3A HV Filter	07	Cable Terminations	CTS-35, 100, 120, 200kV Terminations & Water Processing Unit
		GTVDZ-300kVA/0.38kV Voltage Regulator			Capacitance Bridge
		ATC-2008 Computer-aided Control And Measurement System			CT For Extending The Scale
		DPD2012 PD Measuring System			YL50KV- (50PF/100PF) Standard Capacitor
05	PD Measurement	Option: Omicron MPD800 PD Measuring System	08	Tan δ test	Shielding Room 14*13*7m
					Control Room 3.2*2.5*2.8m
06	PD Measurement		09	Shielding Room	Insulation Floor 12*8*0.36m



23 Co-kneader Line

Application:

Suitable for temperature-sensitive and shear-sensitive materials such as PVC, HFFR, MV XLPE and Semi-Conductive.

Capacity:

PVC cable material: 1500-2000kg/h, HFFR, MV XLPE, Semi-Conductive: 1000-1200kg/H;

Can provide project solutions and process guidance also.

Specification & Parameter

Model	Length-diameter Ratio In L/D	Hffr In kg/h	Mv Xlpe In kg/h	Semi-conductive
85	22:1	200-400	200-400	200-400
105	22:1	500-800	500-800	500-800
125	22:1	800-1500	800-1500	800-1500
140	22:1	1200-2000	1200-2000	1200-2000



24 Twin Screw Extruder

Application:

The most frequently and widely used, suitable for all kinds of cable materials, with high equipment cost-effectiveness. For HFFR and Semi-Conductive, mixing machine plus twin screw extruder plus single screw extruder plus granulation system can be used. Provide project solutions and process guidance.

Specification & Parameter

Model	L/D Length-diameter Ratio In mm	Length-diameter Ratio In L/D	Main Motor Power In kw	Screw Rotation In rpm	Maximum Torque Per Shaft In N.m/Shaft	Maximum Torque Class In T/A3	Reference Yield In kg/h
15	15	36-66	2.2	500	20	9	0.5-8
36	36	32-68	22-45	500-800	229	9	20-180
52	52	32-68	75-110	500-800	688	9	225-500
75	72	32-68	200-355	500-900	1910	9	600-1300
95	92	32-68	450-550	500-600	4202	9	1350-2750
125	126	32-68	800-1250	400-600	9947	9	2000-5500
200	200	32-68	1800-2250	200-400	39700	9	6000-12000
240	240	32-68	2250-3000	200-400	69000	9	8000-15000



25 Complete Set Of Manufacturing Equipment For Home Decoration And Building Wires

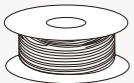

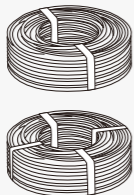
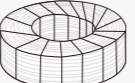



Application:

producing BV wires, BVR and other building and home decoration wires, which are mainly used for power supply, lighting, sockets or distribution boxes, suitable for wires and cables with AC voltage of 450/750V and below.

Provide a complete set of technology, laboratory and production equipment.

Main Equipment:

Rod breakdown machine, intermediate wire drawing machine and multi-wire drawing machine, core wire extruder, cantilever stranding machine, bow stranding machine, sheathing extruder, wire packing machine, etc.

Coiling and Spool Packing		Wraps		Heat Shrink Wrap		Carton Box Packaging
Spool Packing	Coiling	Two Points Or Four Points Wraps	Wrapping And Filming	Overall Heat Shrink Wrap	Hollow Heat Shrink Wrap	Put Into The Carton Box
						

26 Complete Equipment Of Network Cable

Application:

Network cables are used to connect to network interfaces of devices, such as routers, switches, computers, network TV, network set-top boxes, servers, hard disk cameras, surveillance cameras, network access control, network attendance machines and etc.

Provide production equipment and laboratory equipment for CAT5 and CAT.5e, CAT6, CAT7 and CAT.7e under ISO/IEC 11801 standard.

Production Equipment:

Rod breakdown machine, intermediate wire drawing machine, core wire extruder, tandem insulation coating line (i.e. drawing machine plus insulation coating line), triple stranding machine, cantilever stranding machine, high speed braiding machine, sheathing extruder, mesh shape coiling machine and etc.



27 132kv High Voltage Cable Equipment



Application:

Producing up to 132kv and below (including flame retardant and refractory type) polyethylene, polyvinyl chloride, crosslinked polyethylene insulated high voltage wires and cables.

Production Equipment:

Heavily drawing machine, medium drawing machine, rigid stranding machine, taping and armoring machine, catenary three-layer co-extrusion production line, copper tape screening machine, drum twister, steel tape armoring machine and sheathing extruder.



28 Complete Set Of Steel Wire Galvanizing Equipment



Application:

Suitable for surface galvanizing of low-carbon steel wire, used for cable armoring and other purposes.

Production Equipment:

Steel wire drawing machine, non-stop active wire pay-off, pre-treatment equipment (cleaning, pickling, drying), heating section, lead pot, and take-up device.



29 Complete Set Of Stranding Equipment For Aluminum Conductor, Steel Reinforced

Application:

Producing various types of ACSR. The center wire can be galvanized steel wire, aluminum clad steel wire, rare earth steel wire, and etc.

Production Equipment:

Steel wire drawing machine, galvanizing production line, tube stranding machine, cage stranding machine, and etc.



30 Complete Equipment For Stranded Aluminum-Clad Steel Wire

Application:

Stranded aluminum-clad steel wire is a kind of bimetallic wire that continuously and uniformly plate aluminum on the steel core, which has the advantages of good electrical conductivity, corrosion resistance, good high-frequency transmission performance and high strength of steel. Aluminium Conductors aluminium clad steel reinforced is a stranded wire that uses aluminum-clad steel wire as a reinforcement core and strands aluminum wire.

Production Equipment:

High carbon steel wire drawing machine, lead bath quenching furnace, cladding machine, bimetal wire drawing machine, tube stranding machine, cage stranding machine, and etc.



31 Complete Set Of Copper Tape Equipment



Application:

Copper tape is widely used in cables, transformers, electrical components, cooling components, switches, and etc. We can supply goods and/or services in relation to overall project planning, construction, equipment configuration, laboratory configuration, and etc.

Main Production Equipment:

Horizontal casting machine, edge milling machine, rolling machine, annealing machine, cleaning machine, fine rolling machine, slitting machine, and etc.



32 Complete Set Of Aluminum Tape Equipment



Application:

Aluminum tape is widely used in cables, transformers, radiators, new energy, and etc. We can supply goods and/or services in relation to overall project planning, construction, equipment configuration, laboratory configuration, and etc.

Main Production Equipment:

Horizontal casting machine, rough rolling machine, edge cutting machine, annealing machine, fine rolling machine, slitting machine, and etc.