

From 
Wire to
Machinery
We Build Stronger
Networks!



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Machines

Cable & Wire Solutions

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PRODUCT
CATALOG 2025-26



Building the Future of

**Wire & Cable Manufacturing,
together.**

**India's Leading Provider of Wire & Cable
Machinery**

From Start to Finish Manufacturing Solutions

Welcome to Conin Machines, your trusted partner for complete wire & cable machinery solutions. Headquartered in India, we specialize in delivering end-to-end manufacturing support from concept to commissioning, ensuring that your business experiences seamless, efficient, and reliable operations every step of the way.

Our Journey

Founded by industry pioneers Mr. Sangeet Jain and Mr. Rajendra Hirawat, Conin Machines was established on the foundation of excellence built during their decade-long success with Wirelux Cables Pvt. Ltd. With deep industry knowledge and a commitment to innovation, they envisioned a company that not only provides machines but delivers comprehensive, future-ready solutions for the wire & cable industry.

Our Leadership

Our leaders bring unmatched expertise, proven experience, and a passion for quality. Their vision guides Conin Machines to create machinery and services that embody efficiency, reliability, and growth. Ensuring we are more than suppliers, we are partners in progress.

With strong demand and capacity utilisation reaching ~80-85% in FY24, machinery manufacturers are seeing greater adoption of automation, advanced controls, and specialized machinery.

Why Choose Conin Machines?

We don't just manufacture and supply machines, we provide a complete ecosystem of support to power your business:

Customized Solutions

Working closely with you to understand your requirements and provide tailor-made machinery and process designs for maximum efficiency.

Technical Support

Our expert team is available 24/7, offering guidance, troubleshooting, and maintenance to ensure uninterrupted performance.

Training Programs

We provide comprehensive training modules so your team can confidently operate and maintain our machines.

Spare Parts Supply

With a strong inventory of spare parts, we help you minimize downtime and maintain smooth, consistent operations.

Consulting Services

Our experienced consultants work with you to optimize production processes, enhance output, and improve overall efficiency.

India's wires & cables industry is undergoing a strong capacity expansion, with players investing Rs 8,000-8,500 crore during FY25-26 to boost installed capacity ~40%.

Imports of copper scrap rose ~37% in Jan-June 2025 vs same period previous year, reflecting raw material demand driven by expansion in the cable sector.

The overall wires & cables market was valued at ~Rs 1,700 billion in FY24, up from ~Rs 859 billion in FY19, with a CAGR around 14.7% over those years.

Our Strengths

Expertise

Decades of experience in the wire & cable industry.

Comprehensive Services

From land acquisition to final product delivery.

Quality Assurance

World-class standards at every stage.

Customer-Centric Approach

Your goals drive our solutions.

Mission

To empower businesses with next-generation technologies, precision-driven processes, and outstanding service, driving efficiency, productivity, and long-term customer success.

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20. Automatic PLC Coiling and Wrapping Machine Single/Double Layers Taping Machine
21. Microcomputer 8-Shaped Lan Cable Coiling Machine
22. High Speed Semi-Automatic Coiling Machine
23. Horizontal High Speed Multi-Layer Paper Tapping Machine
24. Microcomputer Precision Cutting Machine

Photovoltaic Solar Cable Extrusion Line



Technical Features

Model	C0-Φ50mm	C0-Φ60mm	C0-Φ70mm	C0-Φ80mm
Pay-off bobbin size (mm)	PN400-630	PN400-630	PN400-630	PN400-630
Screw diameter (mm)	Φ50	Φ60	Φ70	Φ80
L/D of screw	26:1	26:1	26:1	26:1
Extrusion capacity(kg/hr)	80	100	140	200
Extruder power	15HP	20HP	30HP	40HP
Wire spec. (mm)	Φ0.5-5	Φ0.8-8	Φ1.5-12	Φ2.0-20
Accumulator capacity (m)	250	250	200	200
Capstan power	3HP	5HP	5HP	5HP
Speed(m/min)	MAX600	MAX500	MAX500	MAX450
Take-up reel(mm)	300-500	500-630	500-630	630-800
Take-up power	3HP	5HP	5HP	7.5HP

Application

It is suitable for stranding of conductors or core wires such as silver-plated wire, tin-plated wire, enamelled wire, bare copper wire, copper-clad steel, copper-clad aluminium etc.
BVV, BVR, R



(UL)PV WIRE /
H1Z272-K



(UL)PV WIRE /
62930 IEC 131



2P1G 1169 PV1-F

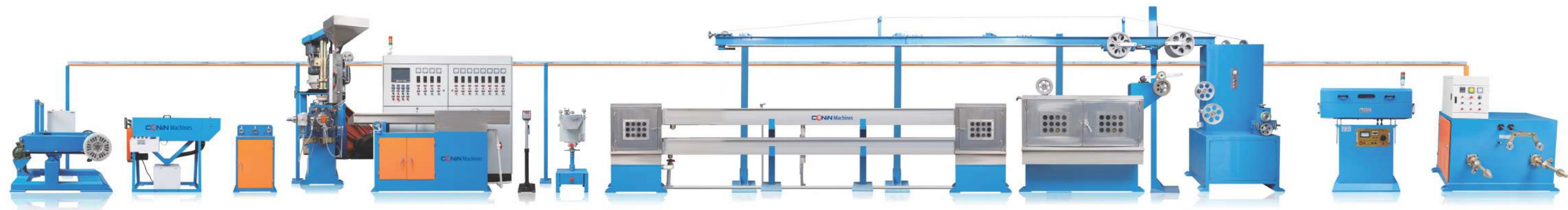


H1Z2Z2-K



62930 IEC 131

Building Wires Extrusion Line

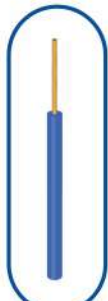


Technical Features

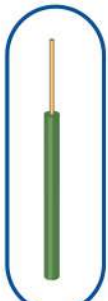
Model	C0-Φ50mm	C0-Φ60mm	C0-Φ70mm	C0-Φ80mm
Pay-off bobbin size (mm)	PN400-630	PN400-630	PN400-630	PN400-630
Screw diameter (mm)	Φ50	Φ60	Φ70	Φ80
L/D of screw	26:1	26:1	26:1	26:1
Extrusion capacity(kg/hr)	80	100	140	200
Extruder power	15HP	20HP	30HP	40HP
Wire spec. (mm)	Φ0.5-5	Φ0.8-8	Φ1.5-12	Φ2.0-20
Accumulator capacity (m)	250	250	200	200
Capstan power	3HP	5HP	5HP	5HP
Speed(m/min)	MAX600	MAX500	MAX500	MAX450
Take-up reel(mm)	300-500	500-630	500-630	630-800
Take-up power	3HP	5HP	5HP	7.5HP

Application

It is suitable for BV, BVV, BVR, RV, Nylon sheath, and halogen-free environment-friendly building wire. BVV, BVR, R



BVR



BV



AWR



RWS



RVS



RWPS



RWP



RW

Power Cable Extrusion Line



Technical Features

Model	C0-Φ90mm	C0-100mm	C0-Φ120mm	C0-Φ150mm
Pay-off bobbin size	PN630-800/1250	PN630-800/1600	PN1600-2000	PN2500-3150
Screw diameter(mm)	Φ90	Φ100	Φ120	Φ150
L/D of screw	25:1	25:1	25:1	25:1
Extrusion capacity(kg/hr)	300	350	400	600
Extruder power	50HP	70HP	120HP	150HP
Range of wire size (mm)	Φ5-35	Φ5-50	Φ10-80	Φ20-200
Capstan power	7.5HP	10HP	15HP	20HP
Speed(m/min)	0-200	0-180	0-100	0-60

Application

Used in production of power cables.



PVC INSULATED WIRE



PVC INSULATED PVC COVERED POWER CABLE



INSULATED PVC COVERED POWER CABLE

Silicone Gel Cable Extrusion Line



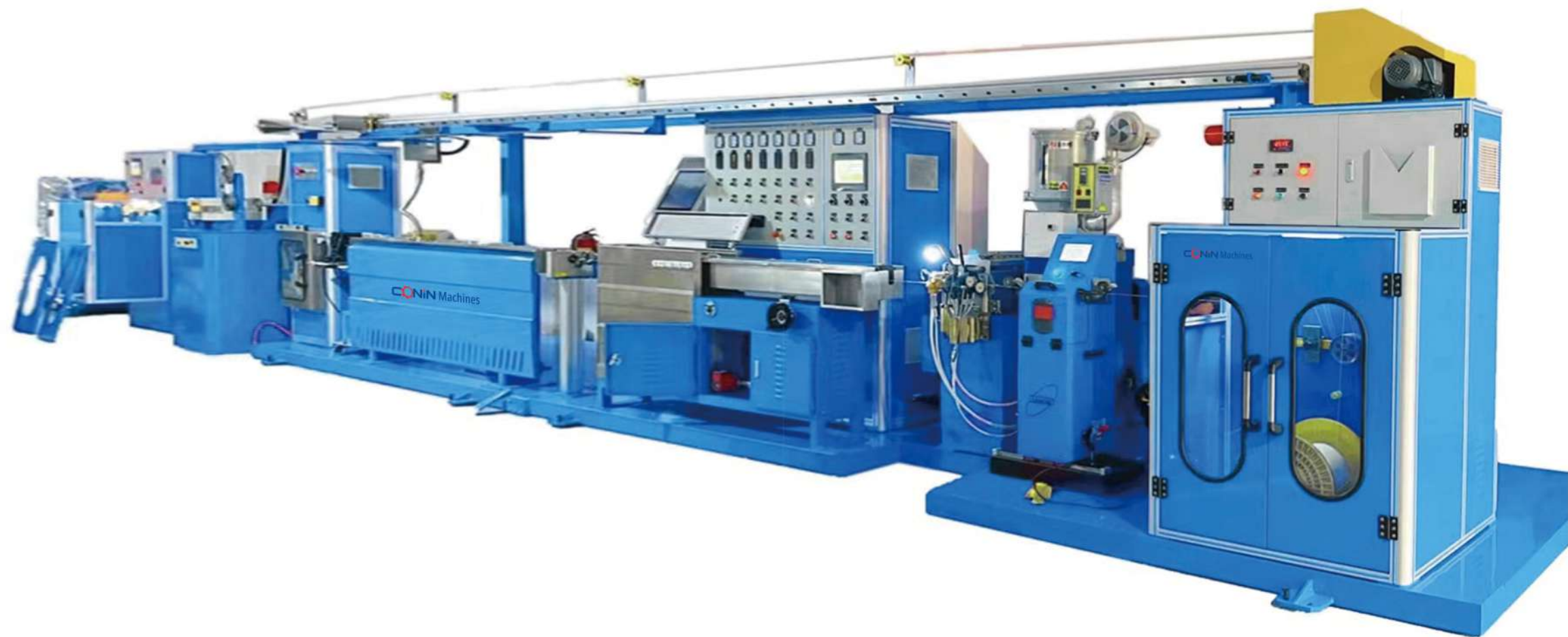
Technical Features

Model	C0-Φ50mm	C0-Φ65mm	C0-Φ80mm	C0-Φ90mm
Extruder power	10HP	15HP	20HP	30HP
Extrusion capacity (kg/hr)	30	60	150	250
Screw diameter (mm)	Φ50	Φ65	Φ80	Φ90
L/D of screw	12:1	12:1	12:1	12:1
Pay-off bobbin (mm)	Φ300-400	Φ400-630	Φ400-630	Φ630-800
Conductor wire dia. (mm)	Φ0.2-1.5	Φ0.3-3.0	Φ1-5	Φ2-8
Finished OD (mm)	Φ1.0-6.0	Φ1.2-8.0	Φ2.0-16	Φ5-35
Vulcanize length (m)	12	16	24	28
Heater power	6zones 24kw	8zones 32kw	12zones 48kw	14zones 56kw
Capstan motor	3HP	5HP	5HP	7.5HP
Speed (m/min)	150	120	100	70
Take-up bobbin(mm)	400-500	400-630	630-800	800-1250

Product Introduction

- PLC+ Touching screen operation, complete control, adjust, monitoring production process parameters.
- Silicone special screw, screw barrel, cross head, eye mould and supporting structure to prevent internal vulcanization.
- Silicone-free self-centering cross head and water-cooled automatic or manual control system.
- Equipped with a precise detection and feedback system to ensure accurate wire diameter and greatly reduce costs.

Fine Teflon Extrusion Line



Technical Features

Model	C0- Φ20mm	C0- Φ25mm	C0- Φ30mm	C0- Φ40mm	C0- Φ50mm	C0- Φ60mm
Screw diameter(mm)	Φ20	Φ25	Φ30	Φ40	Φ50	Φ60
Screw Length/Diameter	25: 1 tailored screw					
Temperature control	5 zone	5 zone	5 zone	6 zone	6 zone	7 zone
Extruder Power	7.5HP	7.5HP	10HP	15HP	20HP	30HP
Extrusion capacity(kg/hr)	10	15	20	15	25	45
Conductor diameter(mm)	Φ0.1-0.4	Φ0.2-0.7	Φ0.4-1.9	Φ0.1-2.0	Φ0.3-3.0	Φ0.5-3.0
Insulation diameter(mm)	Φ0.2-0.5	Φ0.3-0.8	Φ0.5-2.0	Φ0.3-3.0	Φ0.5-5.0	Φ0.8-8.0
Electronic control	Controlled inverter + PLC whole-process control (optional)					

Application

This production line is mainly for FEP/PFA/ETFE Teflon micro-coaxial core wire extrusion, the whole set of equipment pay-off stand, preheater, extruder, cooling tank, capstan, wire accumulator, take up machine and electric control system, production capacity in addition to meeting the demand, and provide simple operating conditions, work safety protection design, all control electrical are in line with the requirements of the well-known brand, so that the control accuracy and durability are improved, reduce the failure rate to ensure smooth production and stability. For the setting of the boot condition, the touch screen and traditional switch setting.



Twin/Triple Layers Chemical Foaming Extrusion Line



Technical Features

Model	C0-Φ30+20mm	C0-Φ40+30mm	C0-Φ50+35mm
Pay-off type	Active	Active	Active
Pay off bobbin size(mm)	Φ200-300	Φ300-400	Φ300-500
Insulation diameter(mm)	Φ0.2-2.5	Φ0.6-3.0	Φ0.6-5.0
Extrusions capacity (kg/hr)	30	50	80
Main machine power	7.5HP	10HP	15HP
Sub-motor power	2HP	2HP	3HP
Wire accumulating length (mm)	200	200	200
Take up bobbin size(mm)	300-400	400-500	400-500

Application

Apply to all category's high frequency cable, Communication cable, Data cable, Coaxial cable, Lan cable, Rf cable, RG, JIS etc core wire double layers chemical foam or solid wire extrusion.



IEEE1394

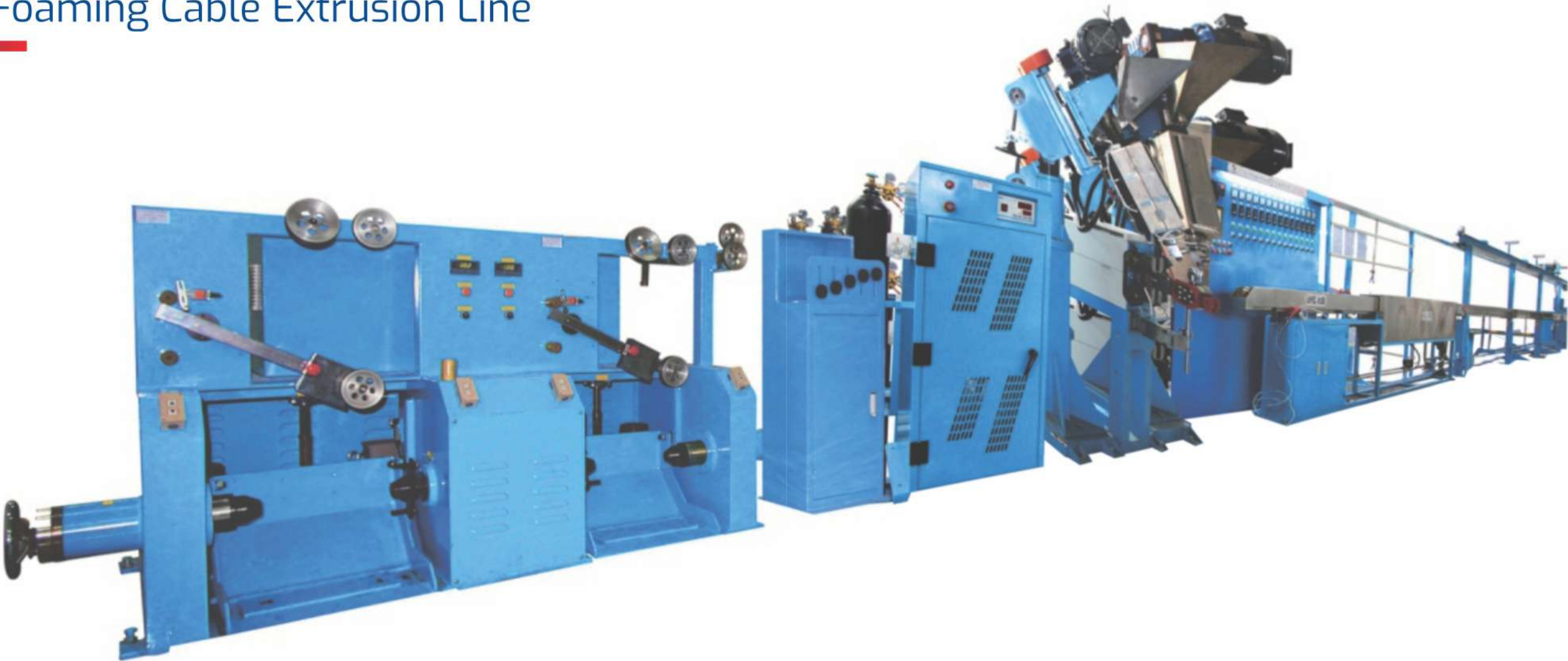


DVI



HDMI

Physical Foaming Cable Extrusion Line



Technical Features

Model	C0-Φ45+30mm	C0-Φ65+35mm	C0-Φ90+35mm
Conductor dia.(mm)	0.4-1.0	0.8-2.0	1.0-5.0
Extruded dia.(mm)	1.5-5.0	3.5-9.0	4.8-16.0
Screw length / diameter (mm)	Φ45	Φ65	Φ90
L/D	24:1 specialized screw / 34:1 tailored screw		
Extrusion capacity (kg/hr)	30	60	100
Main power	10HP	30HP	60HP
Cooling length (m)	25	25	25
Capstan power	3HP	5HP	7.5HP
Foaming	N ₂ nitrogen gas	N ₂ nitrogen gas	N ₂ nitrogen gas
Line speed	Max 180m/min	Max 150m/min	Max 100m/min
Electrical control	Inverter + PLC entire control		

Application

Specialized in producing micro-coaxial cables, special cables, communication cables, and data cables with advantages such as low loss and long service life, particularly suitable for the production of small coaxial cables, such as IEEE1394, DVI, ATA, UL2929, etc.

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



IEEE1394



DVI



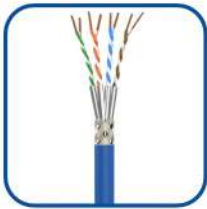
UL2929



ATA



CAT 7



CAT 8

CO-Φ300-S/B mm High Speed Bunching Machine



Application
It is suitable for stranding of conductors or core wires such as silver-plated wire, tin-plated wire, enamelled wire, bare copper wire, copper-clad steel, copper-clad aluminium etc.

- Product Introduction**
- The rotation speed is high, the tension is constant from an empty disc to a full disc, the stranded wire quality is excellent, the whole machine is driven by a synchronous belt, and the twist pitch is changed by replacing the twist pitch gear, and the operation is simple.
 - The main engine is lubricated by engine oil and cooled by natural circulation, which effectively extends the life of the spindle bearings.
 - The bearings of the entire machine are all made of well-known brands, and the bow straps are made of new materials with good flexibility to avoid stock jumping caused by vibration during high-speed operation. The motors, frequency converters, and electromagnetic brakes are all made of well-known brands to reduce failure rates and maintenance costs.



Technical Features

Model	CO-Φ300-S	CO-Φ300-B
Single wire dia (mm)	Φ0.03mm-Φ0.10mm	Φ0.04mm-Φ0.28mm
Cross-sectional area	0.035-0.45mm ²	0.035-1.0mm ²
Lay length	1.27mm-12.55mm	2.95mm-58.5mm
Operation direction	S" or "Z"	S" or "Z"
Take up spool size	Φ300mm	Φ300mm
Max. rotating speed	Max.3000RPM/min(6000t/min)	Max.3000RPM/min(6000t/min)
Motor	3HP+3HP	5HP+5HP
Traverse method	Rolling wire with ring drive units, row pitch and breadth are adjustable	
Brake	Automatically brake/stop when wire inside and outside is broken the preset length arrived	
Bearing	Adopt Japanese NSK	

CO-Φ500/Φ630mm High Speed Bunching Machine



Application
It is suitable for stranding of conductors or core wires such as silver-plated wire, tin-plated wire, enamelled wire, bare copper wire, copper-clad steel, copper-clad aluminium etc.

- Product Introduction**
- The rotation speed is high, the tension is constant from an empty disc to a full disc, the stranded wire quality is excellent, the whole machine is driven by a synchronous belt, and the twist pitch is changed by replacing the twist pitch gear, and the operation is simple.
 - The main engine is lubricated by engine oil and cooled by natural circulation, which effectively extends the life of the spindle bearings.
 - The bearings of the entire machine are all made of well-known brands, and the bow straps are made of new materials with good flexibility to avoid stock jumping caused by vibration during high-speed operation. The motors, frequency converters, and electromagnetic brakes are all made of well-known brands to reduce failure rates and maintenance costs.



Technical Features

Model	CO-Φ500mm	CO-Φ630mm
Single wire dia (mm)	Φ0.06mm-Φ40.45mm	Φ0.10mm-Φ1.05mm
Cross-sectional area	Max.2.5mm ²	Max.10mm ²
Lay length	4.22mm-100m (Can be increased as required)	8.54mm-140mm (Can be increased as required)
Operation direction	(Free choice of left/right) "S" or "Z"	(Free choice of left/right) "S" or "Z"
Take up spool size	Φ500mm	Φ630mm
Max. rotating speed	Max.2200RPM/min(4400t/min) Max.3000RPM/min(6000t/min)	Max.1800RPM/min(3600t/min)
Motor	5HP +7.5HP	10HP
Traverse method	Rolling wire with ring drive units, row pitch and breadth are adjustable	
Brake	Automatically brake/stop when wire inside and outside is broken the preset length arrived	
Bearing	Adopt Japanese NSK	

CO-Φ800/Φ1000mm High Speed Bunching Machine



Application
It is suitable for stranding of conductors or core wires such as silver-plated wire, tin-plated wire, enamelled wire, bare copper wire, copper-clad steel, copper-clad aluminium etc.

- Product Introduction**
- The rotation speed is high, the tension is constant from an empty disc to a full disc, the stranded wire quality is excellent, the whole machine is driven by a synchronous belt, and the twist pitch is changed by replacing the twist pitch gear, and the operation is simple.
 - The main engine is lubricated by engine oil and cooled by natural circulation, which effectively extends the life of the spindle bearings.
 - The bearings of the entire machine are all made of well-known brands, and the bow straps are made of new materials with good flexibility to avoid stock jumping caused by vibration during high-speed operation. The motors, frequency converters, and electromagnetic brakes are all made of well-known brands to reduce failure rates and maintenance costs.



Technical Features

Model	CO-Φ800mm	CO-Φ1000mm
Single wire dia. (mm)	Φ0.20-1.5	Φ0.30-3.0
Cross-sectional area	Max. 16mm ²	Max. 25mm ²
Lay length	22.51mm-152.32mm (can be increased as per requirement)	35mm-200mm (can be increased as per requirement)
Operation direction	(Free choice of left/right) "S" or "Z"	(Free choice of left/right) "S" or "Z"
Take up spool size	Φ800mm	Φ1000mm
Max. rotating speed	Max. 1200 RPM/ min (2400t/min)	Max. 800 RPM/ min (1600t/min)
Motor	15HP	25HP
Traverse method	Rolling wire with ring drive units, row pitch and breadth are adjustable	
Brake	Automatically brake/stop when wire inside and outside is broken the preset length arrived	
Bearing	Adopt Japanese NSK	

Vertical Double Bobbin Back-Twisting Machine + Pair Twisting Machine



Application

This machine is suitable for the core wire pair twisting of Cat5/6 Lan cables.

Product Introduction

- Constant tension from empty to full bobbin, the machine can automatically track and adjust take up tension, can adjust tension without stopping.
- The wire-passing system adopts a new structure and the wire directly passed from the main shaft guide wheel to bow band, so the scratching and jumping phenomenon caused by failure of the corner guide wheel on the AI wheel is subtracted.
- The main engine is oil lubricated and naturally circulated and cooled, which effectively extends the service life of the main shaft bearings. The bearings of the whole machine are all well-known Japan brands. The bow belt is made of new materials and has good flexibility. In high-speed operation, it avoids jumping stock caused by vibration. Inverter, magnetic powder clutch, electromagnetic brake, hydraulic jack etc are all imported famous brands.
- Easy to operate.
- Siemens software, PLC control, change gear to change lay length.



Technical Features

Model	C0-Φ500mm
Max rotation speed	MAX 1500RPM
Main motor	5HP+5HP frequency conversion speed regulation
Bobbin size (mm)	MAXΦ500(OD)*Max*320(Outer Width) or made per customer request
Bobbin weight requirement	<250kg wire pay-off tension 3-10N
Pay-off bobbin(mm)	Φ500 (OD)×56(ID)×Φ300(Outer Width)
Tension range	200g, stable and adjustable
Back-twist tension stand	Reserve line tension sensor stand, linkage with take up motor ensure Constand tension wire pay-off
Pay-off device	Vertical double heads, tension wheel 120mm, 4+6ditch, precision potentiometer

Horizontal Double Bobbin Back-Twisting Machine + Pair Twisting Machine



Application

This machine is suitable for the core wire pair twisting of Cat5/6/7/8 Lan cables.

Product Introduction

- Widely used, suitable for high-speed pair twisting of various core wires.
- The high-speed production efficiency is twice that of the traditional spin-frame cable forming machine.
- The tension of the take-up is kept constant from the empty spool to the full spool.
- Through the dual control of mechanical linkage and electrical linkage, it is ensured that the unit has excellent synchronization performance under the four states of starting, normal operation, slow stop, and emergency shut down, ensuring stable and accurate pitch.
- The take-up traverse adopts the box traverse structure, take-up spool moves back and forth with the take-up box in a straight line, and the traverse of the wires is neat.
- Cantilever design capstan wheel, constant speed draw, stable wire tension and pitch, high quality.
- Using PLC program control, with humanized touch screen operation screen, intelligent control.
- The use of precise and durable mechanical transmission accessories and stable and reliable electronic control components, with strict manufacturing processes, greatly reduces the failure rate.



Technical Features

Model	C0-Φ500mm
Max rotation speed	MAX1500RPM
Application wire	CCP, PEF, PVC, F/S
Main motor	HP+5HP frequency conversion speed regulation
Bobbin size (mm)	MAXΦ500(OD)*Max*320(Outer Width) or made per customer request
Conductor dia (mm)	Φ0.32-Φ1.22
Pay-off bobbin(mm)	500(OD)×56(ID) 300(Outer Width)
Tension range	0-5kg stable and adjustable
Pay-off device	Reserve line tension sensor stands, linkage with take up motor, ensure constand tension wire pay-off

Integrated Triple Twisting Machine



Technical Features

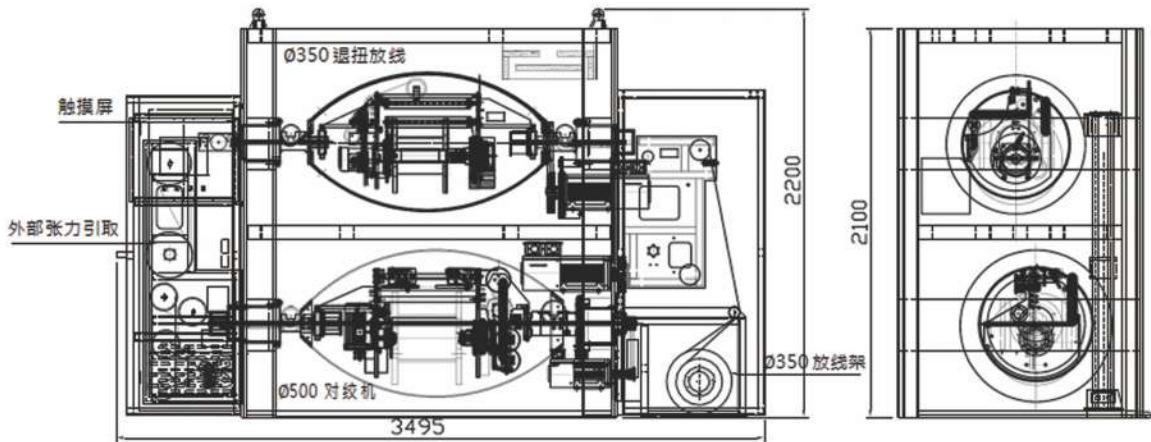
Model	PY-Φ500mm	PY-Φ630mm	PY-Φ800mm	PY-Φ1000mm
Machine speed	Max1800RPM	Max1600RPM	Max1200RPM	Max1000RPM
Lay range(mm)	5-50	5-50	5-50	5-50
Back twist rate	0-100%	0-100%	0-100%	0-100%
Take-up and pay-off reel	Φ 500 take-ups, Φ500 pay-off	Φ 500 take-ups, Φ500 pay-off	Φ 500 take-ups, Φ500 pay-off	Φ 500 take-ups, Φ500 pay-off
Lay tolerance	±2%	±2%	±2%	±2%
Formal Structure	All in one Split type		Split type	

Application

Suitable for CAT5E, CAT6 Lan cables, CAT6A Lan cables.

Product Introduction

- High production capacity: Three-pitch principal design, when the back twist rate is 33%, the speed is 1.5 times that of ordinary twisted pair machines.
- One machine for two purposes: Triple twisting and untwist twisting modes to meet higher quality wire twisting process.
- Stable tension: The take-up tension remains constant from empty reel to full reel.
- Accurate twisting distance: Servo motor control, PLC directly sets the twisting distance value, error ±2%.
- Large wheel diameter: The take-up wheel and each wire guide wheel adopt a large wheel diameter design to reduce the bending radius of the wire and avoid damage to the twist length.
- Intelligent: The twisting length and the twist-off rate are controlled by PLC program, combined with the humanized touch screen operation screen, intelligent control.



Electronic Lay Distance Horizontal Untwisted Pair Twisting Machine



Technical Features

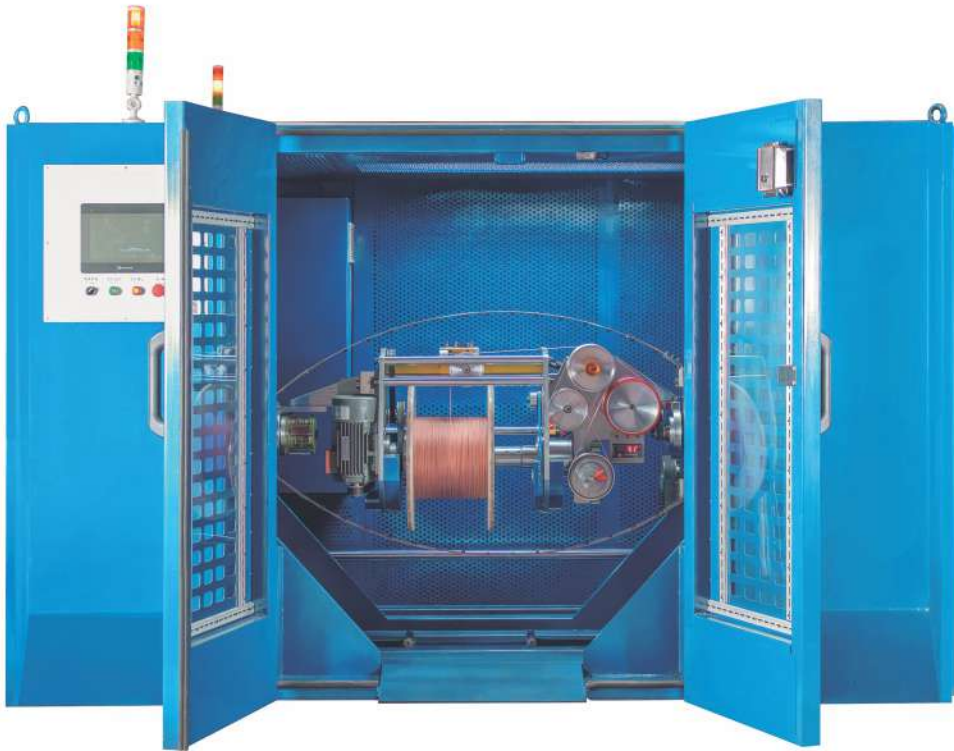
Model	C0-Φ500mm	C0-Φ630mm
Machine speed	Max1800RPM	Max1600RPM
Lay range(mm)	5-50	5-50
Back twist rate	0-100%	0-100%
Take-up and pay-off reel	Φ500 take-up, Φ500 pay-off	Φ500 take-up, Φ500 pay-off
Lay tolerance	±2%	±2%
Formal structure	Split type	Split type

Application

Suitable for CAT5E, CAT6 Lan cables, CAT6A Lan cables.

Product Introduction

- High production capacity: Three-pitch principle design, when the back twist rate is 33%, the speed is 1.5 times that of ordinary twisted pair machines.
- One machine for two purposes: Triple twisting and untwist twisting modes to meet higher quality wire twisting process.
- Stable tension: The take-up tension remains constant from empty reel to full reel.
- Accurate twisting distance: Servo motor control, PLC directly sets the twisting distance value, error +2%
- Large wheel diameter: The take-up wheel and each wire guide wheel adopt a large wheel diameter design to reduce the bending radius of the wire and avoid damage to the twist length.
- Intelligent: The twisting length and the twist-off rate are controlled by PLC program, combined with the humanized touch screen operation screen, intelligent control.



CO-Φ630-Φ1250mm Horizontal Cantilever Single Twisting Machine



Technical Features

Model	CO-Φ630mm	CO-Φ800mm	CO-Φ1000mm	CO-Φ1250mm
Core wire specification(mm)	Φ 1.0-4.0	Φ1.5-6.0	Φ2.5-8.0	Φ3.0-10
Twisted out dia. (mm)	Φ3-10	Φ3-14	Φ3-20	Φ3-25
lay length(mm)	Touch screen setting lay length: 20-250mm, PLC control, stable acceleration and deceleration lay length			
Maxrpm	MAX800rpm	MAX600rpm	MAX500rpm	MAX450rpm
Power	15HP	20HP	30HP	40HP
Taping type	Single head horizontal type high-speed center taping machine + Double heads side taping machine			
Taping tension	Constant tension electromagnetic brake wheel automatic tension tracker, the tape tension remains constant from full to empty, without manual adjustment			
Take-up tension	Electromagnetic tension, automatic tracking, take-up tension remains constant from full to empty, without manual adjustment			
Traversing style	Traversing wire by moving shaft, it's to avert the wire hearted in this process, the size of arrange can set by wire specification			

Application

It is suitable for core wires stranding and coating aluminium foil and Myra for Electric vehicle charging cable, Robotic flexible drag chain cable, able, high frequency cable, Lan cables CAT6/7/8 and control cable.



CO-Φ400/Φ500mm Horizontal Cantilever Single Twisting Machine



Technical Features

Model	CO-400/500mm Cantilever Single Twisting Machine
Core specification	AWG32-AWG20
Twisting out diameter(mm)	Φ4.0MAX
Lay length (mm)	5-60
Max rpm	MAX1000RPM
Power	Main engine:5HP/Pay-off:1/2HP
Core tension	Line slide rail + slider heavy hammer type/mechanical lever + slider movable type, equipped with online tension detection display
Taping tension	Constant tension electromagnetic brake wheel/automatic tension tracker, the tape tension remains constant from full to empty, without manual adjustment
Take-up tension	Electromagnetic tension, automatic tension tracking, take-up tension remains constant from
Traversing style	Wire by moving shaft, it's to avert the wire hearted in this process, the size of arrange can set by wire specification
Brake of machine	Cantilever spindle: Disc type brake/Take-up: Electromagnetic brake
Pay-off bobbin(mm)	300-500
Take-up bobbin(mm)	400/500

Application

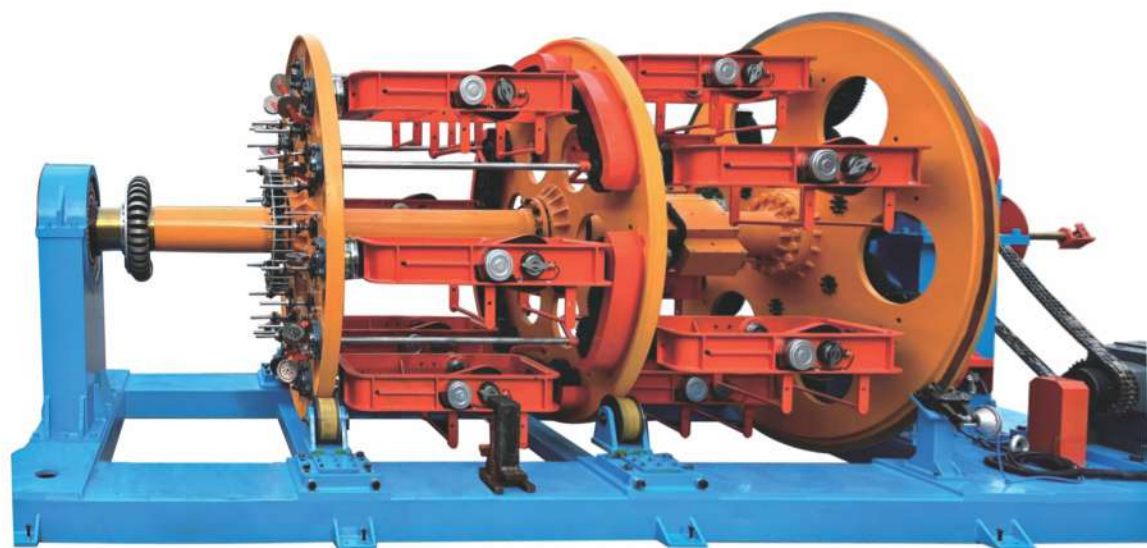
HDMI. DP. USB and other high-frequency cables, data cables, electronic wire core wires are twisted and multi-stranded and coated with aluminium foil, Myra, etc.

Product Introduction

- High production capacity: Three-pitch principal design, when the back twist rate is 33%, the speed is 1.5 times that of ordinary twisted pair machines
- One machine for two purposes: Triple twisting and untwist twisting modes to meet higher quality wire twisting process
- Stable tension: The take-up tension remains constant from empty reel to full reel.



CLY Cradle Type Cable Laying Up Machine



Application

This machine is used for making multi cores PVC, XLPE cable with taping and armouring

Technical Features

Model	CO-CLY 800mm	CO-CLY 1000mm	CO-CLY 1250mm	CO-CLY 1400mm	CO-CLY 1600mm
Single wire diameter (mm)	Φ5.0-Φ15.0	Φ5.0-Φ15.0	PN6.0-25.0	PN6.0-30.0	PN6.0-45.0
Max stranded diameter (mm)	Φ45	Φ50	Φ60	Φ70	Φ100
RPM (r/min)	23-62	11.13-25.1	7.8-21.05	6.8-15.4	4.3-9.6
Stranding pitch (mm)	59-1586	89-2940	123-4974	246-4294	447-7604
Line speed (m/min)	3.7-36.5	2.24-32.72	2.6-38.8	3.8-29.2	4.3-32.7
Pay off drum size in cage (mm)	PN800	PN1000	PN1000	PN1400	PN1600
Central pay off drum size (mm)	PN800	PN1000	PN1000	PN1400	PN1600
Take up drum size(mm)	PN800-1600	PN1250-2000	PN800-1602	PN1250-2500	PN2000-3150

JLY Planetary Stranding Machine



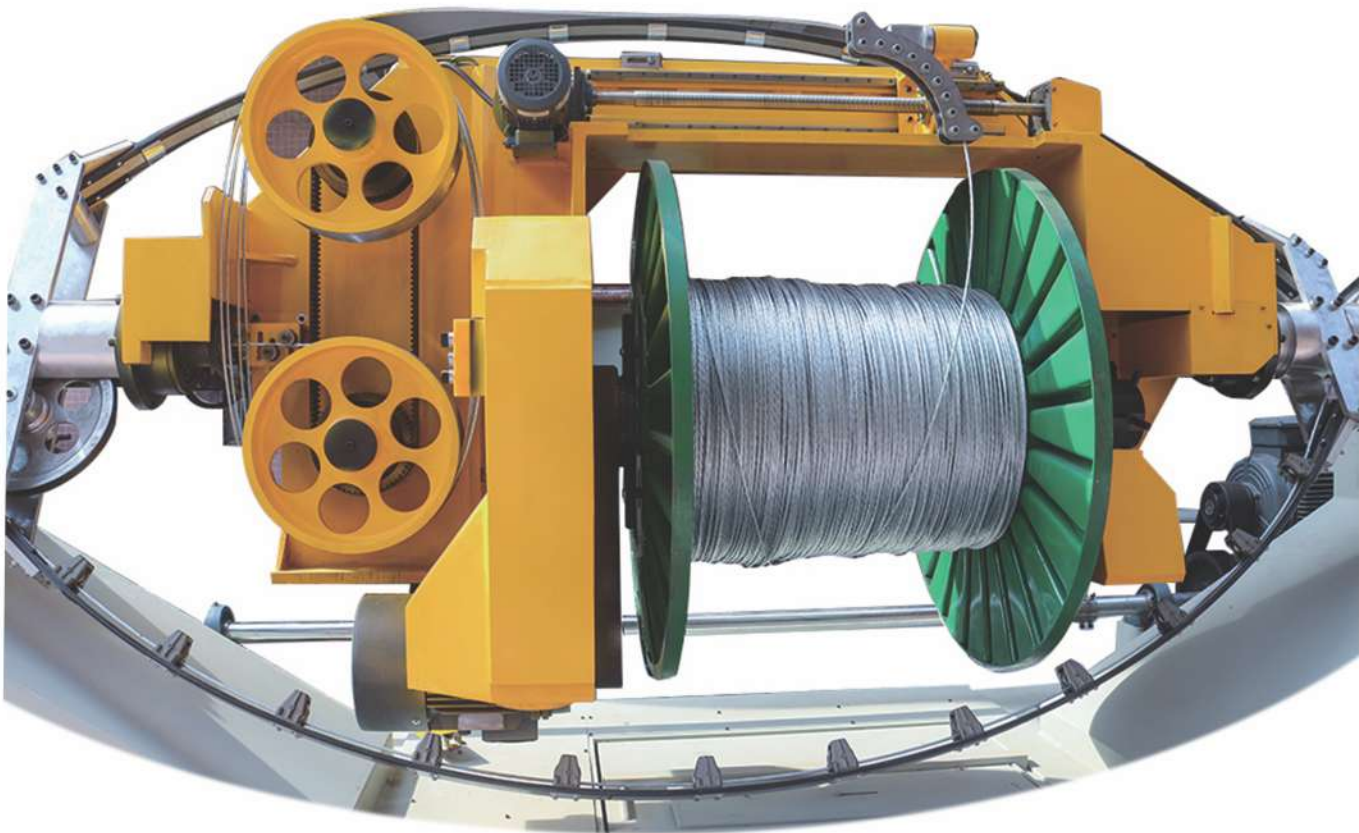
Application

This machine is used for stranding bare copper, aluminium, ACSR conductor are KVV cable with all-time back twist system.

Technical Features

Model	CO-JLY400	CO-JLY500	CO-JLY630
Single wire diameter (mm)	Φ1.2-Φ5.0	Φ1.5-Φ6.0	Φ2.0-Φ8.0
Max stranded diameter (mm)	Φ50	Φ55	Φ60
PM(r/min)	40-94	33-80	22-70
Stranding Pitch (mm)	26-1005	45-1473	76-1330
line speed(m/min)	39	50	48
Pay off drum size in cage (mm)	PN400	PN500	PN630
Central pay drum size (mm)	PN400-630	PN400-630	PN400-630
Take up drum size(mm)	PN1250-2000	PN1600-2000	PN1600-2000

CO-Φ800-Φ1600mm Arch Type Stranding Machine (Bunching & Cabling)



- Application**
 - This machine is suitable for high-speed stranding of copper wire, aluminium wire and compressed conductor.
 - The rotary bow is made of imported carbon fibre, which can be replaced with spring steel bow piece to adapt to higher load according to production needs.
 - The electric lifting platform is arranged below the ground below the machine platform, which is convenient for quick and easy bobbin loading and unloading.
 - The whole machine adopts HMI+PLC control system, the computer presets the twisting pitch, twisting direction so the speed synchronous control is achieved.

- Product Introduction**
 - Integrated arch swinging, hauling and coiling motor-driven or single section motor-drive model is optional
 - Enclosed safety cover to eliminate noise, low noise.
 - Pitch setting method
 - Gear change method
 - Digital setting auto calculation method
 - Coiling tension feedback control

Technical Features

Model	CO-Φ800mm	CO-Φ1000mm	CO-Φ1250mm	CO-Φ1600mm
Suitable wire type	Communication cable, computer cable, instrument cable			
Stranded wire diameter (mm)	Φ8.0mm	Φ10.0mm	Φ15.0mm	Φ30.0mm
Cross-sectional area	0.8-22mm ² /max	1.2-38mm ² /max	3.5-50mm ² /max	16-90mm ² /max
Feeding copper wire diameter (mm)	Φ0.38-1.6	Φ0.45-2.0	Φ0.8-2.6	Φ0.8-3.6
Feeding insulated wire diameter	Φ1.0-2.5	Φ1.0-2.5	Φ1.0-3.5	Φ1.0-10
Max. line speed (m/min)	Max.300	Max.250	Max.200	Max.150
Pitch range(mm)	17-200	20-200	20-300	60-400
Max. rotating speed	Max.1200RPM (2400Twists/min.)	Max.1000RPM (2000Twists/min.)	Max.1000RPM (2000Twists/min.)	Max.500RPM (1000Twists/min.)

JLK Rigid Frame Stranding Machine



Application

This machine is used for stranding bare copper, aluminium and ACSR conductor with compacting use.

Technical Features

Model	CO-JLK400	CO-JLK500	CO-JLK630
Single wire diameter (mm)	Φ1.2-05.0	Φ1.2-Φ5.0	Φ1.2-Φ5.0
Max stranded diameter (mm)	Φ 50	Φ50	Φ50
RPM (r/min)	88-200	78-189	65-143
Stranding Pitch (mm)	49-630	49-816	58-978
line speed(m/min)	55.35	63.63	63.63
Pay off drum size in cage (mm)	PN400	PN500	PN630
Central pay drum size (mm)	PN800-PN1600	PN800-PN1600	PN800-PN1600
Take up drum size(mm)	PN1000-PN2000	PN1000-PN2000	PN1000-PN2000

JGG Tubular Stranding Machine



Application

This machine is used for stranding 7 wires bare copper, aluminium, ACSR conductor and KVV cable.

Technical Features

Model	CO-JGG400	CO-JGG500	CO-JGG630
Single wire diameter (mm)	Φ1.2-5.0	Φ1.2-5.0	Φ1.2-5.0
Max stranded diameter (mm)	Φ15	Φ15	Φ15
PM(r/min)	800	700	500
Stranding Pitch (mm)	38-250	45-340	30-428
line speed(m/min)	200	254	235
Pay off drum size in cage (mm)	PN400	PN500	PN630
Central pay drum size (mm)	PN400-PN630	PN400-PN630	PN400-PN630
Take up drum size(mm)	PN1000-PN1600	PN1000-PN1600	PN1000-PN1600

Automatic PLC Coiling and Wrapping Machine



Application

It is suitable for coiling, packaging and labelling of wires.

Technical Features

Model	C0-JB1246	C0-JB1860
Traverse height(mm)	Φ40-100	Φ60-180
Colier Max OD (mm)	Φ400	Φ600
Colier Min (mm)	Φ140-200	Φ200-300
Range of Wire(mm)	Φ1-6	Φ2-16
Speed(m/min)	200	150
Wrapping Speed (pcs/min)	2	1.5



Single/Double Layers Taping Machine



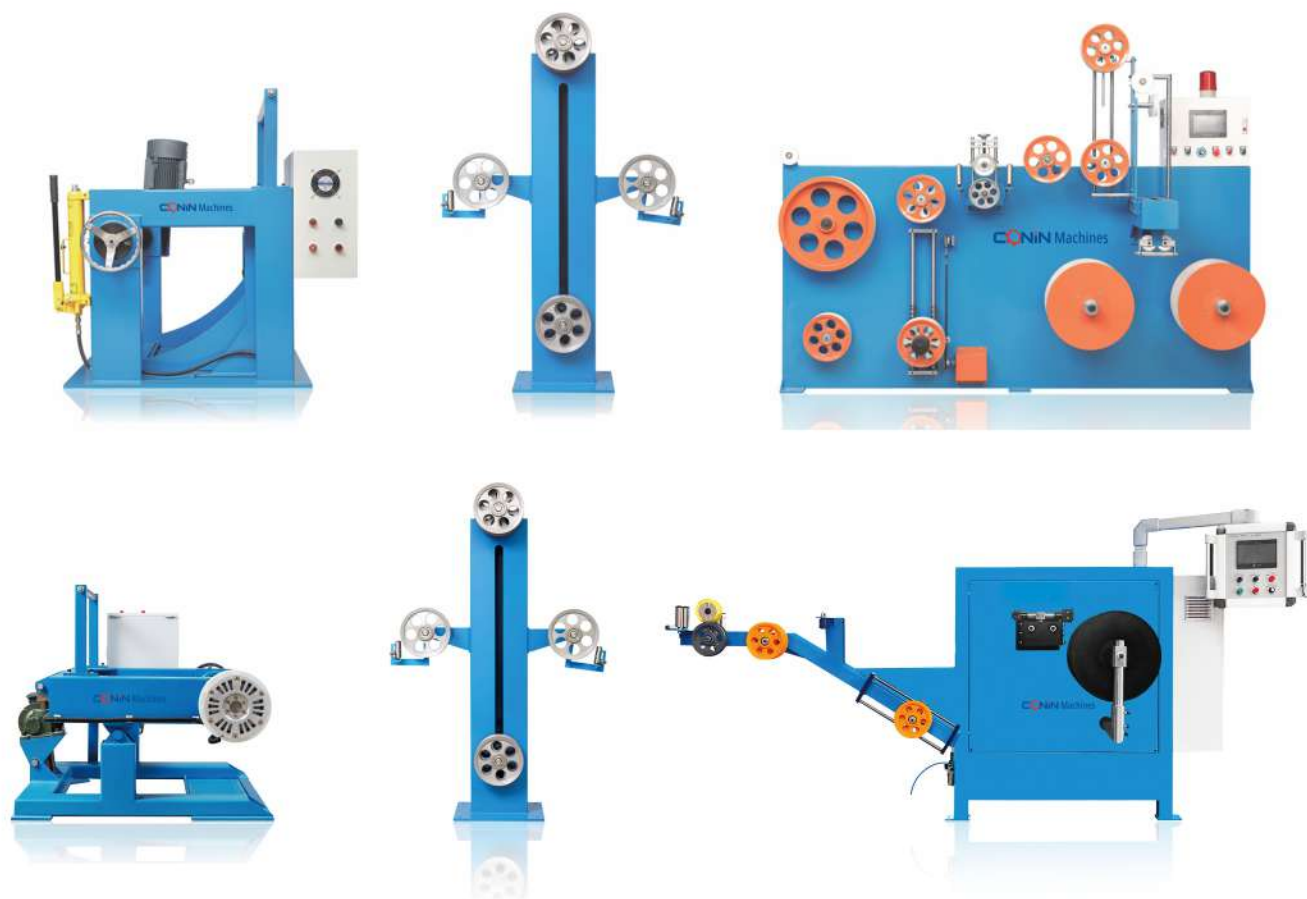
Application

Apply for Aluminium foil tape, Myra belt, Cotton tape, Pellucid band mica belt, Teflon tape.

Technical Features

Model	C0-630/800mm Vertical taping machine
Core specification (mm)	Φ0.6-Φ10
Taping material	Aluminium foil tape, cotton paper tape, transparent tape, mica tape, Teflon tape
Max. Rpm	MAX2500RPM
Taping head	Concentric turnkey Wrapping
Taping tension	Automatic tension control
Wire dia (mm)	Outer diameter Φ250-Φ300; inner hole Φ50
Pay off bobbin	Can be customized
Take up bobbin dia (mm)	Φ630/Φ800
Capstan dia (mm)	Φ400
Motor	3HP frequency conversion speed regulation

Microcomputer 8-Shaped Lan Cable Coiling Machine



Application

It is used for Lan cable 8-shaped coiling

Product Introduction

The coiling machine could coil Cat5e/6/6a with two types, type 8 and type flats. Some Cat6/6a need to be coiled in the form of flats to preserve better test parameter in service. The machine is controlled by PLC with human-machine interaction interface. The size of the hole could be set optionally. Moreover, digital control technique and PLC program make entire control system dependable and flexible. After coiling with type 8, the Lan cable is fluffy so that it less influence on test parameter. The size of the hole isn't changed with the variation of take up tension and take-up speed.



High Speed Semi-Automatic Coiling Machine



Application

It is suitable for coiling of 0.5-6sqmm electric wires and small-section cables. The finished product has high production efficiency, and the quality of the cable arrangement is at the advanced level of similar products at home and abroad.

Technical Features

Model	High Speed Automatic Coiling Machine
Traversing line type	Automatic traversing
Main machine rotation speed	0-600rpm/min
Coiler outer diameter	≤Φ310mm
Suitable scope	Suitable for coiling of 0, 5-6samm electric wires and small-section cables
Pay off bobbin	≤Φ630mm
Motor power	2HP(1.5KW)
Coiler inside diameter	Φ120mm (Customizable)
Coiler height	30-100mm

Horizontal High Speed Multi-Layer Paper Tapping Machine



Technical Features

Model	Single / Double / Multi-layer	Six-layer
Suitable core wire size (mm)	Φ0.2-Φ3.0	Φ4.0-Φ30
Overlapping ratio	15%-25%	15%-25%
Finished wire diameter (mm)	Φ0.5-Φ5	Φ30
Taping material	Aluminium foil tape, Mylar tape, cotton paper tape, transparent tape, mica tape, Teflon tape, etc	
Speed	0-2500/min RPMimin	0-1000/min RPMimin
Power	1HP Servo motor and servo controller speed, the tape reel relates to the lead motor	
Head oven	Automatic retractable, with Omron temperature control, temperature control in ± 1°C	
Winding reel diameter(mm)	Φ300	Φ400
Take-up reel diameter(mm)	Φ400-Φ630	Φ800-Φ1600

Application

Suitable for ultra-high speed high frequency data cables (like HDMI, DP, USB3.0, ATA, SATA, SAS), parallel lines (SFP, QSFP), flat high frequency lines with single/double/three-layer continuous central wrapping belt. According to customer demand, we can customize the heavy- duty six-layer wrapping machine to produce fire - proof cable wrapping.

Microcomputer Precision Cutting Machine



Technical Features

Model	Microcomputer precision cutting machine
Min. Removal length (mm)	600
Cable drawing way	Pneumatic push wire
Cutting precision(mm)	±3mm
Max. speed(m/min)	240
Cable feeding dia. (mm)	A.Φ1000-Φ1200 B.Φ1200-Φ1400
Power	3P.50HZ.380V
Cutting capacity(mm)	Round cable 4.0-14 Fat cable 2.0x4.0-11x24
Length range	600-99999(Max) Earmarked for arbitrary
Cable feeding way	Iron shaft, wooden shaft, constant tension giving wire
Main configuration	Dynamic wire pay off, tension stand, cutting main machine, electrical control cabinet, 4m conveyor platform



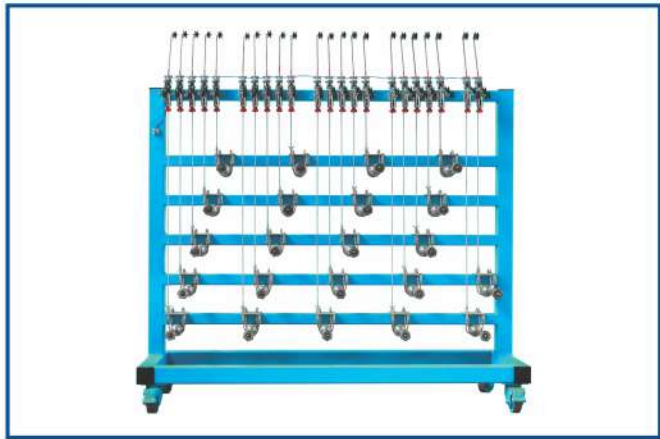
Application

Applied to various wire and cable cutting according to the set length.

Product Introduction

Adopt PLC microcomputer + 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.

Service Pledges



Passive Pay-off Stand



Magnetic Powder Pay-off Stand

Other equipment



Powder machine



Copper wire preheater



Double-head Tension Pay-off Stand



Magnetic Powder Pay-off Stand



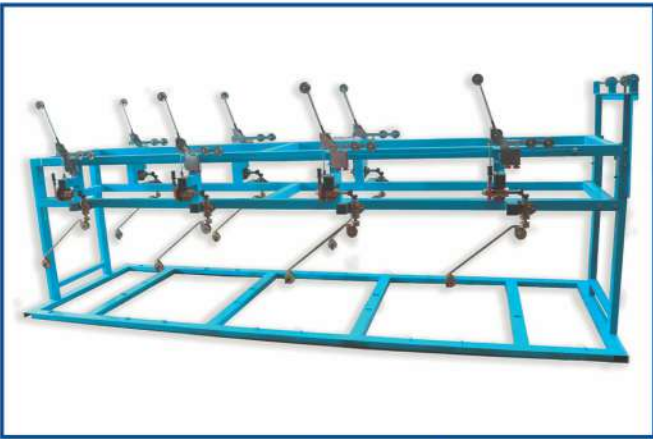
Spark Tester



Horizontal Color Stripping Machine



Motorized Pay-off Stand



Swing Arm Pay-off Stand



Vertical Color Stripping Machine



Laser Diameter Gauge

