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XINMING



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CABLE Machinery



Company Introduction

Langfang Xinming Cable Machinery Industry Co., Ltd. was founded in August, 1984 which is one of the largest professional manufacturing companies of wire & cable Machinery in China. Up to now, we have advanced equipment and a strong technical team including more than 200 staffs, 2 senior engineers, 6 engineers, and more than 100 technical workers. Xinming factory covers an area of 25000 square meters ,and located by 106 national road, south of Shigezhuang bridge, Wen'an city, Hebei province. It is only 80km from Beijing and Tianjin, enjoying a favorable location.

The main products of Xinming are High-speed extruder SJ50, SJ70, High-speed multifunction auto coil winding Machine, the plastic extruding line SJ30/SJ45/SJ65/SJ90/SJ120/SJ150/SJ200, extruding Machine, rigid stranding Machine,tubular stranding Machine, fork stranding Machine, planetary stranding Machine, laying up Machine, Drawing Machine,Bunching Machine,Twisting Machine,pintle and portal pay-off , take up and other equipments. And the centre mould which was designed by us is welcomed by the customers all the time.

Xinming has built a complete system including R&D department, Testing department and after-sale service department , which lay a good function for our products. The positive enterprise spirit and advanced management has attracted many excellent researching staff and sale engineers.

Xinming is always keeping the management principle of " Customer-centric, Market-guided, technology-oriented, management-guaranteed ", and enterprise spirit of "practical , efficiency, developing and innovative ". And we would like to cooperate with you based on our high-quality products, attractive price, in-time delivery and excellent service !



XINMING CABLE MACHINERY

Product Applications



BRING FORTH NEW IDEAS
TO GO A LONG WAY IN UNITY





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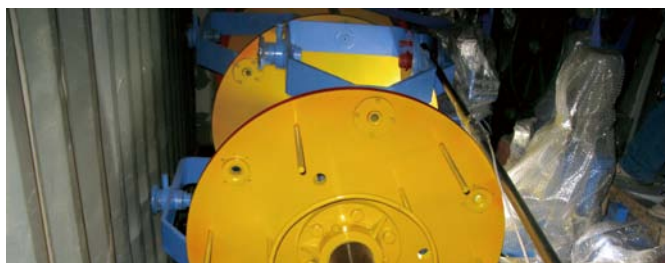


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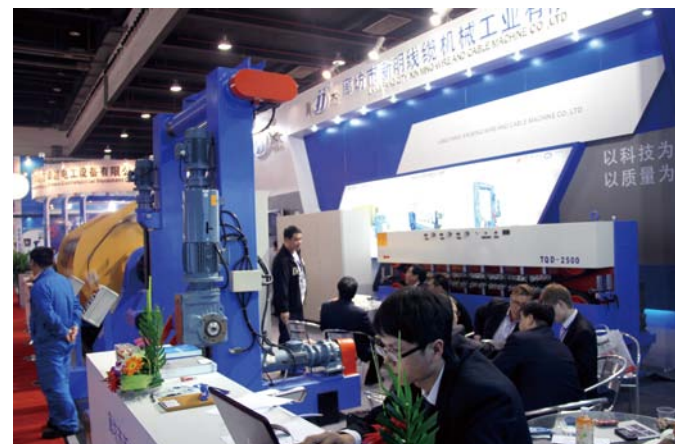
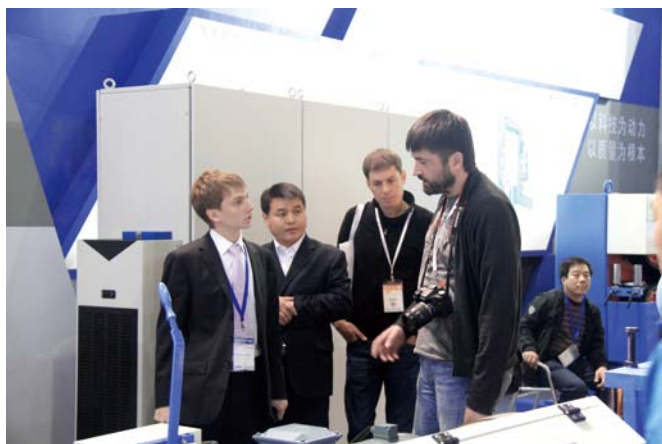
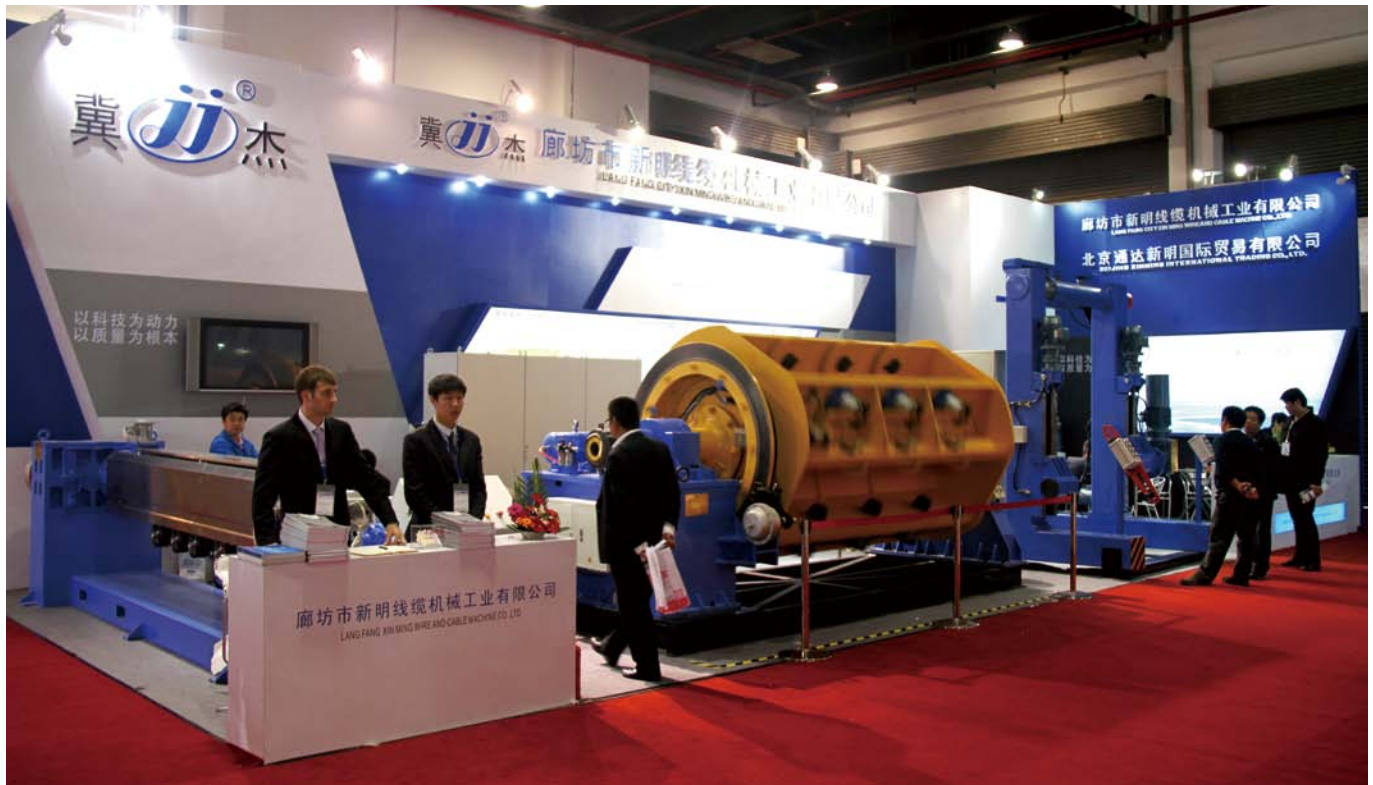




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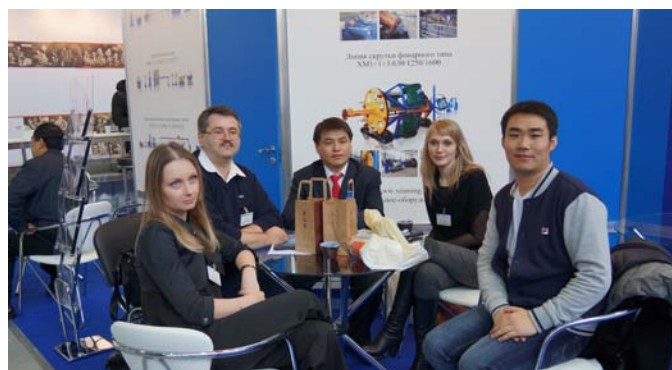
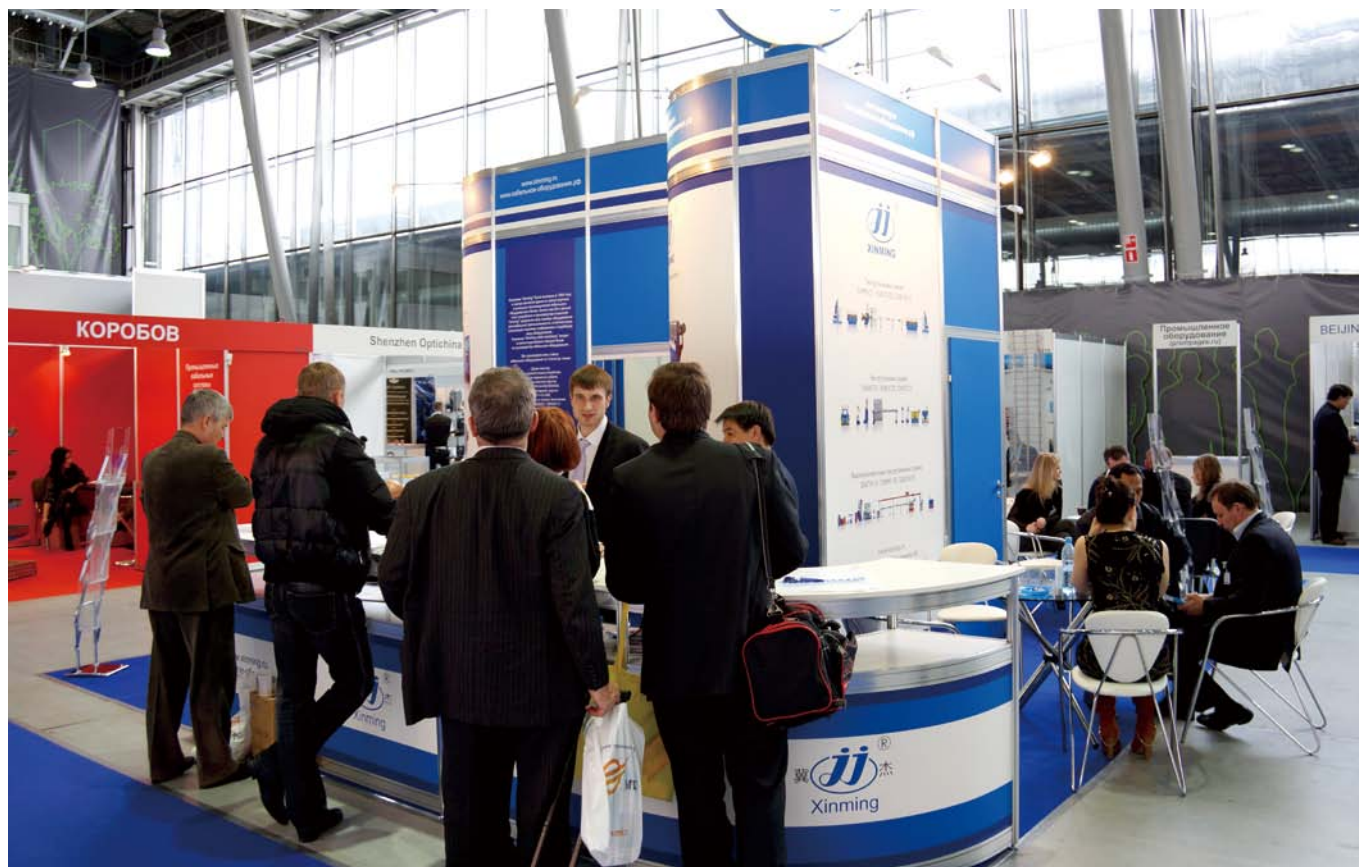




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High-speed Extrusion Line

Application: applicable to insulation extrusion of wire and cable made of materials such as PVC, LDPE, XLPE,LSHF and TPU.



Specifications Technical parameters	Pay-off type	Pay-off reel	Screw diameter (mm)	Screw L/D	Extrusion capacity (kg/hr)	Host motor power	Production Range (mm)	
XMGS-50	Passive pay-off / Motorised pay-off	PN300-630	Φ 50	25:1	60	15HP	Φ 0.5-6.0	
XMGS-70	Passive pay-off / Motorised pay-off	PN300-630	Φ 70	25:1	130	30HP	Φ 1.5-15	
XMGS-80	Japanese-style double-head / nospool pay-off	PN300-1250	Φ 80	25:1	200	40HP	Φ 2-20	
XMGS-90	Japanese-style double-head / nospool pay-off	PN300-1250	Φ 90	25:1	250	50HP	Φ 2-30	

XMGS-50/60/65/70/80/90

Product Legend



Temperature-controlled cooling device	Take-up power	Accumulator stand type	Accumulated wire length(M)	Extrusion line speed (m/min)	Take-up Type	Take-up Reel (mm)	Electrical control
U-Shape single or double trough	3HP	Inclined / horizontal	250	MAX500	dual reels	PN300-630	Frequency Control+PLC whole process control (optional)
U-Shape single or double trough	5HP	horizontal	250	MAX500	dual reels	PN300-630	Frequency Control+PLC whole process control (optional)
U-Shape single or double trough	7.5HP	horizontal	250	MAX400	dual reels	PN300-1250	Frequency Control+PLC whole process control (optional)
U-Shape single or double trough	7.5HP	horizontal	250	MAX400	dual reels	PN300-1250	Frequency Control+PLC whole process control (optional)



High-speed Extrusion Line

Application: applicable to insulation extrusion of wire and cable made of materials such as PVC, LDPE, XLPE,LSHF and TPU.



Specifications Technical parameters	Pay-off type	Pay-off reel	Screw diameter (mm)	Screw L/D	Extrusion capacity (kg/hr)	Host motor power	Production Range (mm)	
XMGS-50	Passive pay-off / Motorised pay-off	PN300-630	Φ 50	25:1	60	15HP	Φ 0.5-6.0	
XMGS-70	Passive pay-off / Motorised pay-off	PN300-630	Φ 70	25:1	130	30HP	Φ 1.5-15	
XMGS-80	Japanese-style double-head / nospool pay-off	PN300-1250	Φ 80	25:1	200	40HP	Φ 2-20	
XMGS-90	Japanese-style double-head / nospool pay-off	PN300-1250	Φ 90	25:1	250	50HP	Φ 2-30	

XMGS-50/60/65/70/80/90

Product Legend



Temperature-controlled cooling device	Take-up power	Accumulator stand type	Accumulated wire length(M)	Extrusion line speed (m/min)	Take-up Type	Take-up Reel (mm)	Electrical control
U-Shape single or double trough	3HP	Inclined / horizontal	250	MAX500	dual reels	PN300-630	Frequency Control+PLC whole process control (optional)
U-Shape single or double trough	5HP	horizontal	250	MAX500	dual reels	PN300-630	Frequency Control+PLC whole process control (optional)
U-Shape single or double trough	7.5HP	horizontal	250	MAX400	dual reels	PN300-1250	Frequency Control+PLC whole process control (optional)
U-Shape single or double trough	7.5HP	horizontal	250	MAX400	dual reels	PN300-1250	Frequency Control+PLC whole process control (optional)



Plastic Extrusion Line

Application:Applicable to monochrome, two-color, double layer and three layer extrusion of wire and cable made of insulation materials such as PVC, LDPE, XLPE, LSHF, TPU.

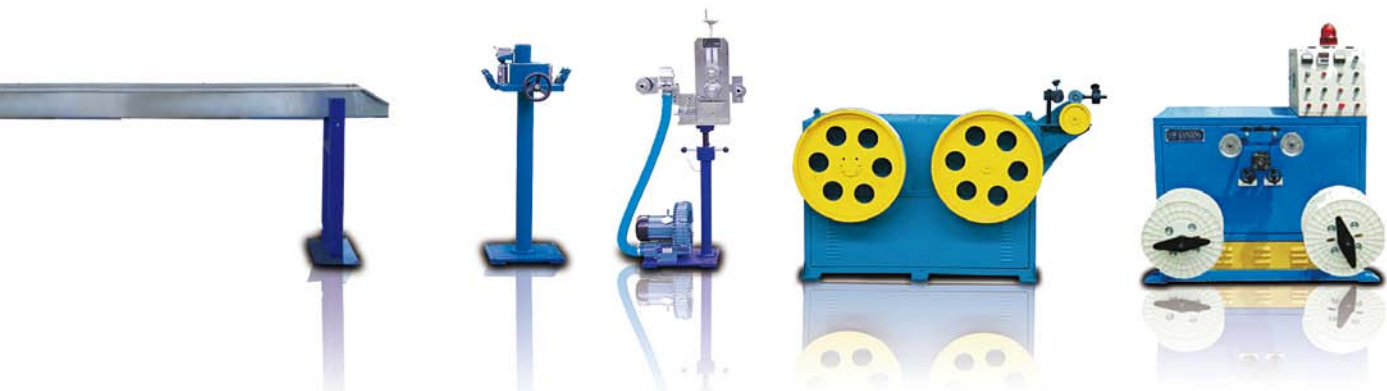


Plastic Extruder XMSJ-30/45/65/70

Name	Parts	XMSJ-30Extruder	XMSJ-45Extruder	XMSJ-65Extruder	XMSJ-70Extruder
Pay-off	Pay-off reel diameter	Φ 400mm	Φ 630mm	Φ 630mm	Φ 630mm
	Pay-off forms	pintle	pintle	pintle	pintle
	Brake	Automatic tension	Automatic tension	Automatic tension	Automatic tension
Extruder	Gear Box	Hard gear surface133#	Hard gear surface146#	Hard gear surface173#	Hard gear surface173#
	Charging barrel, screw material	38CrMoAl	38CrMoAl	38CrMoAl	38CrMoAl
	Screw diameter	Φ 30mm	Φ 45mm	Φ 65mm	Φ 70mm
	Screw rotary speed	15-120r/min	11-110r/min	10-100r/min	10-100r/min
	Production scope	Φ 0.5- Φ 1.5mm	Φ 1.5- Φ 5mm	Φ 1.5- Φ 9mm	Φ 1.5- Φ 10mm
	Maximum output	25kg	50kg	80kg	110kg
	Motor Power	5.5kw	11kw	15kw	18.5kw
	Electrothermal coil material	Aluminum	Aluminum	Aluminum	Aluminum
	Head	Monochrome	Monochrome	Monochrome	Monochrome
	Heating power	20kw	25kw	40kw	60kw

XMSJ-30/25 45/25 65/25

Product Legend



Plastic Extruder XMSJ-30/45/65/70					
Name	Parts	XMSJ-30Extruder	XMSJ-45Extruder	XMSJ-65Extruder	XMSJ-70Extruder
Tension Device	Tension wheel diameter	Φ 120mm	Φ 120mm	Φ 180mm	Φ 180mm
	Ways of Tension	Dual-wheeled	Dual-wheeled	Dual-wheeled	Dual-wheeled
Trough	material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
	length	2500mm	4000mm	6000mm	6000mm
capstans haul-off	Traction form	Wheel traction	Wheel traction	Wheel traction	Wheel traction
	Traction wheel diameter	φ 400mm	φ 400mm	φ 650mm	φ 650mm
	Traction wheel material	Steel	Steel	Steel	Steel
	Motor Power	2.2kw	2.2kw	3.0kw	3kw
Take-up	Take-up diameter	Φ 630mm	Φ 630mm	Φ 630mm	Φ 630mm
	Take-up form	double spool	double spool	double spool	double spool
	Way of Wire-arranging	Rod	Rod	Rod	Rod
	Motor Power		1.6kg.m	2.5kg.m	2.5kg.m
Control Box		1 set	1 set	1 set	1 set
Operation direction		From left to right	From left to right	From left to right	From left to right



Rubber Extrusion Machine

This Machine is used for extruding and vulcanising rubber power cable.



Rubber Extruder XMXJ-45/12 65/16 90/24				
Name	Parts	XMXJ-45/12Extruder	XMXJ-65/16Extruder	XMXJ-90/24Extruder
Pay-off	Pay-off reel diameter	Φ630mm	Φ630mm	Φ630mm
	Pay-off forms	pintle	pintle	pintle
	Screw Material	38grMoAl	38grMoAl	38grMoAl
	Screw diameter	Φ 45mm	Φ 65mm	Φ 90mm
	Screw rotary speed	11-90r/min	10-80r/min	10-80r/min
	Wire scope	Φ 0.8- Φ 5 mm	Φ 1.8- Φ 8 mm	Φ 3- Φ 15 mm
	Output	30kg	80kg	135kg
	Power Required	36kw	48kw	72kw

XM-45/12 65/16 90/24

Product Legend

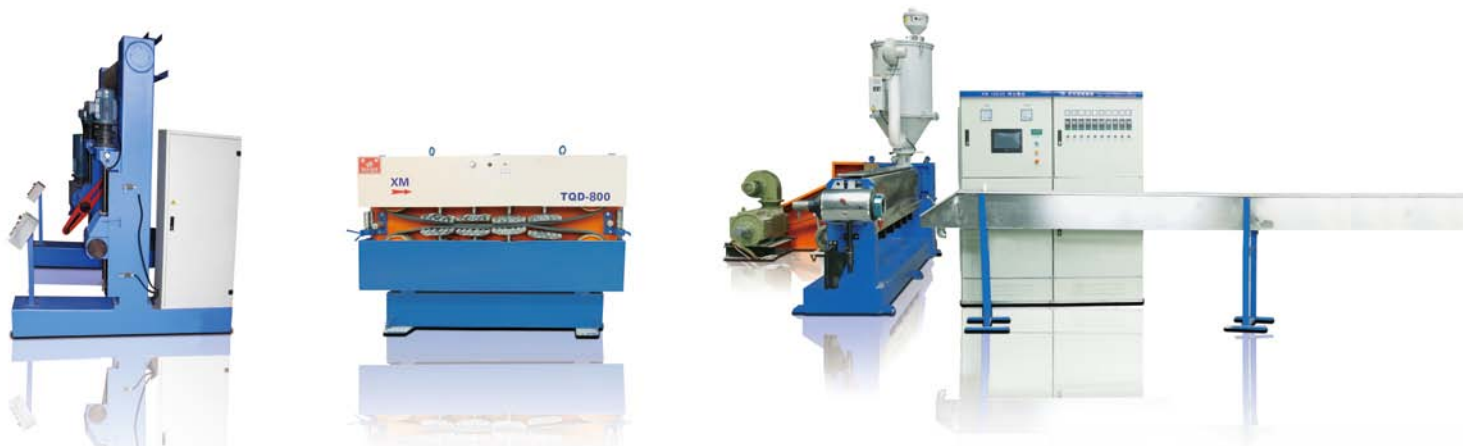


Rubber Extruder XMXJ-45/12 65/16 90/24				
Name	Parts	XMXJ-45/12Extruder	XMXJ-65/16Extruder	XMXJ-90/24Extruder
Trough cooling	Material	stainless steel	stainless steel	stainless steel
	Leught	12M	16M	24M
Hall-off	device type	Wheel	Wheel	Wheel
	wheel diameter	φ 400mm	φ 600mm	φ 600mm
	Motor Power	3kw	4kw	7.5kw
Take-up	Bobbin diameter	Φ 630mm	Φ 630mm	Φ 1250-1600mm
	way Take-up	double bobbin	double bobbin	double bobbin
	Way of arranging ment	Rod	Rod	Rod
	Motor	1.6kg.m	2.5kg.m	2.5kg.m
Control cabinet		1 set	1 set	1 set
Operation direction		As required	As required	As required



Plastic Extrusion Line

Application : The device is mainly used in cored wire insulation or cable jacket extrusion.



Plastic Extruder XMSJ-80/90/120/150

Name	Parts	XMSJ-80 Extruder	XMSJ-90 Extruder	XMSJ-120 Extruder	XMSJ-150 Extruder
Pay-off	Pay-off drum diameter	Φ 1250mm	Φ 1600mm	Φ 2000mm	Φ 2500mm
	Pay-off forms	Spool type	Spool type	Spool type	Spool type
	Brake	Disc type	Disc type	Disc type	Disc type
Extruder	Gear Box	Hard gear surface 200#	Hard gear surface 225#	Hard gear surface 300#	Hard gear surface 330#
	Charging barrel,screw material	38CrMoAl	38CrMoAl	38CrMoAl	38CrMoAl
	Screw diameter	Φ 80mm	Φ 90mm	Φ 120mm	Φ 150mm
	Screw speed	10-100r/min	10-100r/min	10-100r/min	6-60r/min
	Production scope	Φ 10- Φ 40mm	Φ 15- Φ 60mm	Φ 20- Φ 80mm	Φ 45- Φ 125mm
	Maximum output	150kg	200kg	400kg	680kg
	Motor Power	22KW	30KW	75KW	132KW
	Electrothermal ring material	Cast aluminum slot type	Cast aluminum slot type	Cast aluminum slot type	Cast aluminum slot type
	Head	Monochrome	Monochrome	Monochrome	Monochrome
	Heating power	20KW	25KW	40KW	60KW

XMSJ-80/90/120/150

Product Legend

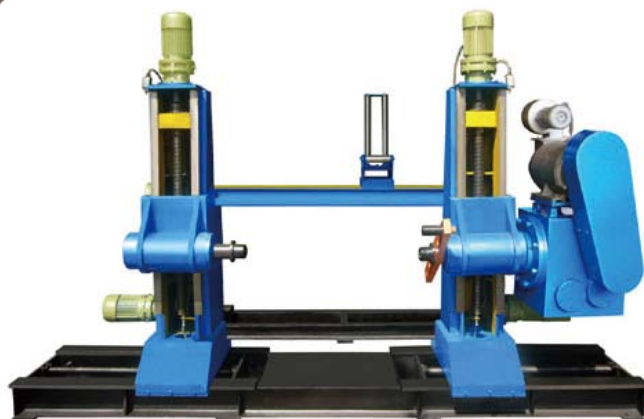
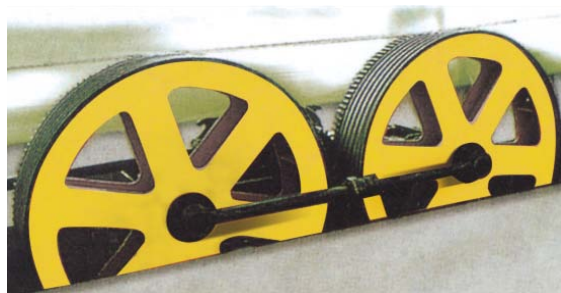


Plastic Extruder XMSJ-80/90/120/150					
Name	Parts	XMSJ-80 Extruder	XMSJ-90 Extruder	XMSJ-120 Extruder	XMSJ-150 Extruder
Tension Device	Tension wheel diameter	Φ 650mm double spool	Φ 800mm double spool	800kg air pressure tape traction	1250kg air pressure tape traction
	Ways of Tension	Disc type	Disc type	Torque generators	Torque generators
Trough	material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
	length	8000mm	12000mm	16000mm	24000mm
Cater pillars haul off	Way of traction	Caterpillars haul-off	Caterpillars haul-off	Caterpillars haul-off	Caterpillars haul-off
	Motor Power	5.5KW	7.5KW	11KW	11KW
	Traction	800kg	600kg	2000kg	2500kg
	Pairs of cylinders	4 pairs	4 pairs	5 pairs	6 pairs
	Take-up drum diameter	Φ 1600mm	Φ 2000mm	Φ 2500mm	Φ 3150mm
Take-up Machine	Way of take-up	Pintle	Pintle	Pintle	Pintle
	Way of wire-arranging	Polished Rod	Polished Rod	Lead Screw	Lead Screw
	Motor power	4.0kg.m	4.0kg.m	6.0kg.m	8.0kg.m
Control box		1 set	1 set	1 set	1 set
Operation direction		From left to right	From left to right	From left to right	From left to right



XINMING CABLE MACHINERY

Tubular Stranding Machine



XMGJ-200/400/500/630

Application : It is mainly applicable to produce stranded ACSR, aluminum wires, copper wire, aluminum-clad steel strands, control cables and composite overhead ground wire (OPGW) and so on.

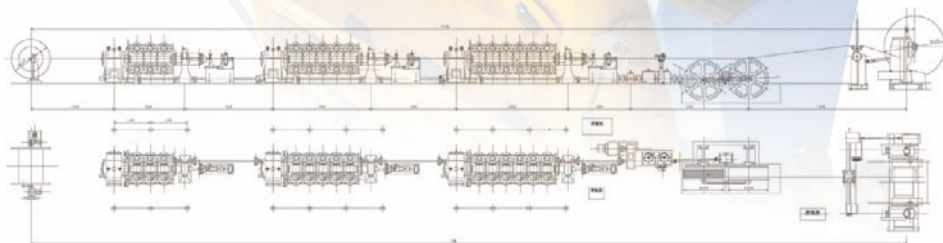
Tubular stranding Machine XMGJ-200/400/500/630					
Type	Single wire dia (mm)		Max rotating speed of Cage (r/min)	Stranding pitch (mm)	Diameter of the capstans (mm)
	copper	aluminum			
XMGI-500/6	ϕ 1.5-4.0	ϕ 1.8-5.0	500	22-314	ϕ 1250
XMGI-500/12	ϕ 1.8-4.0	ϕ 1.5-5.0	300	34-338	ϕ 1600
XMGI-400/6	ϕ 1.0-2.8	ϕ 1.6-4.0	500	22-165	ϕ 800
XMGI-400/12	ϕ 1.3-3.5	ϕ 1.6-5.0	400	32-238	ϕ 1250
XMGI-200/6	ϕ 0.32-0.85	ϕ 0.32-0.8	10-1000	6.08-78.13	ϕ 318
XMGI-200/12	ϕ 0.32-0.85	ϕ 0.5-0.8	10-700	6.08-78.13	ϕ 318



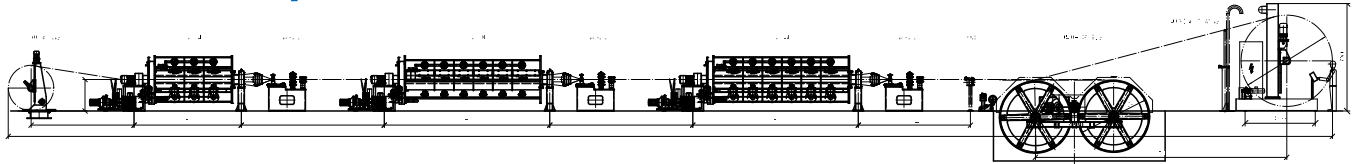


Rigid Frame Stranding Machine

Application : The device mainly used for system fan pressed conductor twisted, circular stranded conductors, drawn, pressed.



XMZLK-500/630



Rigid frame stranding Machine XMZLK-500/630					
Name	Parts	6+12+18/500	12+18+24/500	6+12+18/630	12+18+24/630
Pay-off	Pay-off drum specifications	Φ 500mm	Φ 1600mm	Φ 630mm	Φ 1600mm
	Way of pay-off	Spool type	Spool type	pintle	pintle
	Pay-off tension	Disc type	Disc type	Disc type	Disc type
Strander	Monofilament diameter	Φ 1.2-5.0mm	Φ 1.2-5.0mm	Φ 1.5-5.0mm	Φ 1.5-5.0mm
	Stranded maximum diameter	Φ 35mm	Φ 45mm	Φ 35mm	Φ 45mm
	(6-12) Stranding rotating speed (6-12 drums)	69-158r/min	69-158r/min (6)	43-146r/min (6)	60-166r/min (6)
	Cabling spacing	50-1000mm	66-1197mm	50-1000mm	66-1197mm
	Stranding inner drum diameter	Φ 500mm	Φ 500mm	Φ 630mm	Φ 630mm
	Motor Power	45KW	75KW	90KW	132KW
Capstans haul-off	Way of traction	Wheel	Wheel	Wheel	Wheel
	Guide sheave diameter	Φ 1600mm	Φ 2000mm	Φ 2000mm	Φ 2500mm
	Guide sheave	Dual-active	Dual-active	Dual-active	Dual-active
	Paying-out speed	68m/min	60m/min	6.5-50.7m/min	6.5-50.7m/min
	Gear Box	36Class	36Class	36Class	36Class
Take-up	Take-up drum diameter	PN1000-2000mm	PN1250-2500mm	PN1250-2500mm	PN1600-3150mm
	Way of take-up	Pintle	Pintle	Pintle	Pintle
	Way of wire-arranging	Lead Screw	Lead Screw	Lead Screw	Lead Screw
	Motor Power	4kg.m	6kg.m	6kg.m	8kg.m
Control Box		1 set			
Operation direction		From left to right			



Planetary Stranding Machine

Application : This series is primarily for stranded aluminum-clad steel cables, stainless steel optical fiber loose tubes, optical fiber composite overhead ground wires (POGW), stranded ACSR, stranded bare copper wires, and by this series, a variety of cables and optical cables can be armored or shielded with steel wire.



XMLJ-400/500/630



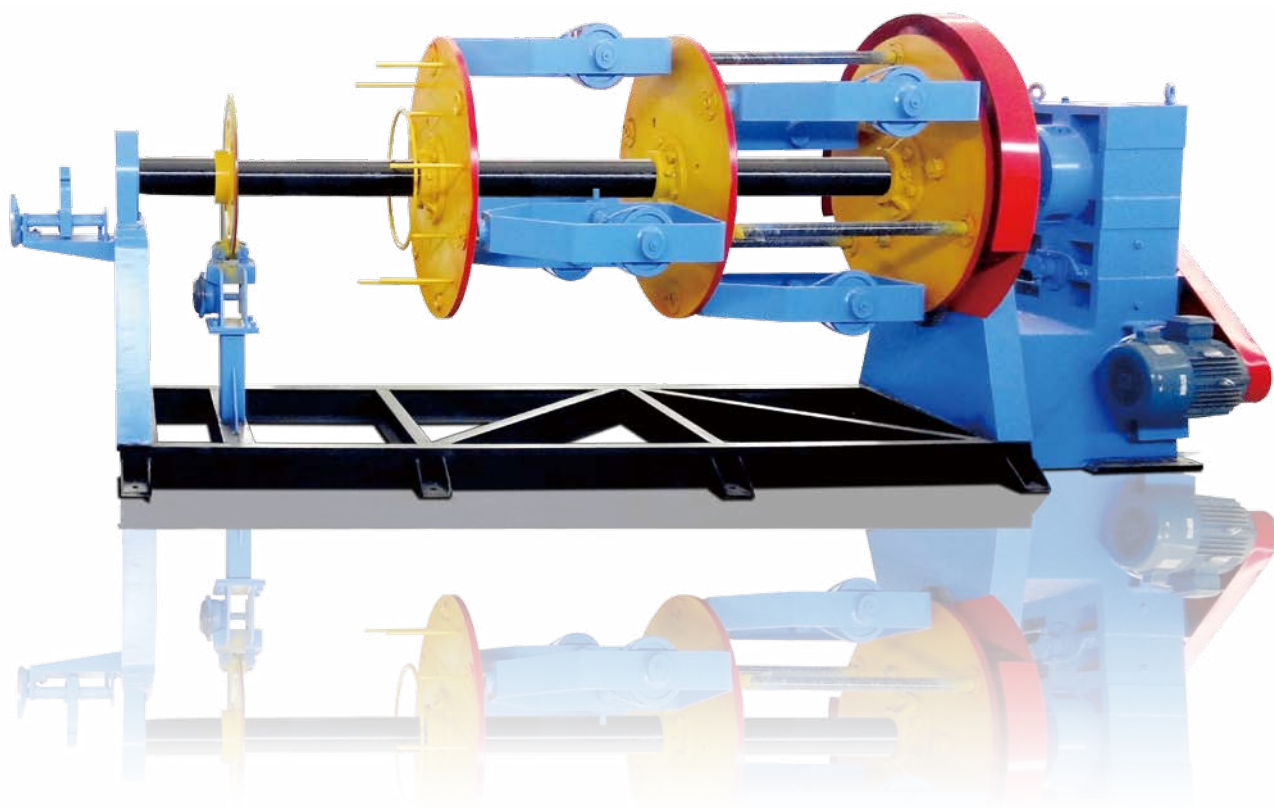
Planetary stranding Machine XMLJ-400/500/630

Name	Parts	XMLJ-400		XMLJ-500		XMLJ-630	
		6+12+18/400	12+18+24/400	6+12+18/500	12+18+24/500	6+12+18/630	12+18+24/630
Take-up	Pay-off drum specifications	φ 400mm	φ 400mm	φ 500mm	φ 500mm	φ 630mm	φ 630mm
	Pay-off forms	pintle	pintle	pintle	pintle	pintle	pintle
	Brake	drum type	drum type	drum type	drum type	drum type	drum type
Strander	Monofilament diameter	Φ 1.2-3.0mm	Φ 1.2-3.0mm	Φ 1.2-5.0mm	Φ 1.2-5.0mm	Φ 1.2-5.0mm	Φ 1.2-5.0mm
	Cabling diameter	Φ 21mm	Φ 27mm	Φ 35mm	Φ 45mm	Φ 35mm	Φ 45mm
	Stranding renovating speed	20-100r/min	30-80r/min	35-85r/min	35-85r/min	33-77r/min	33-77r/min
	Pitch	119	103	119	103	88	77
	Stranding inner drum diameter	Φ 400mm	Φ 400mm	Φ 500mm	Φ 500mm	Φ 630mm	Φ 630mm
	Motor Power	22kw	30kw	30kw	37kw	45kw	55kw
Capstans Haul-off	Way of	capstans	capstans	capstans	capstans	capstans	capstans
	Guide sheave diameter	Φ 1600mm	Φ 1600mm	Φ 1800mm	Φ 2000mm	Φ 1800mm	Φ 2000mm
	Guide sheave	Single active	Single active	Single active	Dual-active	Single active	Dual-active
	Paying-out speed	4.65-28m/min		4.65-32.86m/min		5.1-36.9m/min	
	Gear Box	27Class	27Class	27Class	36Class	36Class	36Class
Take-up	Take-up drum diameter	PN800-1600mm	PN1000-2000mm	PN1000-2000mm	PN1250-2500mm	PN1250-2500mm	PN1250-2500mm
	Way of take-up	Spool type	Pintle	Pintle	Pintle	Pintle	Pintle
	Way of wire-arranging	Polished Rod	Lead Screw	Lead Screw	Lead Screw	Lead Screw	Lead Screw
	Motor power	4kg.m	6kg.m	6kg.m	6kg.m	6kg.m	6kg.m
Control Box		1 set					
Operation direction		From left to right					



Planetary Stranding Machine

Application : This series is primarily for stranded aluminum-clad steel cables, stainless steel optical fiber loose tubes, optical fiber composite overhead ground wires (POGW), stranded ACSR, stranded bare copper wires, and by this series, a variety of cables and optical cables can be armored or shielded with steel wire.



XMLJ 1+6/400 1+6/500 1+6/630

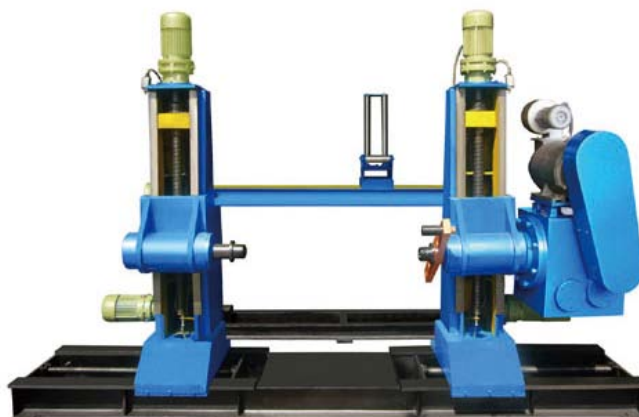
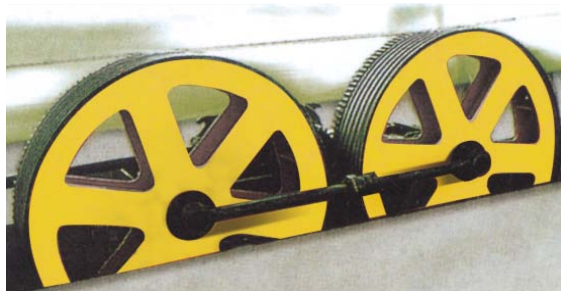
Type	Rotating speed (r/min)	Pitch (mm)	Diameter(mm)	
			Copper	Aluminum
XMLJ-1+6/400	92	1.0-4.5	1.0-5.0	60
XMLJ-1+6/500	80	1.0-4.5	1.0-5.0	50
XMLJ-1+6/630	52	1.0-4.5	1.0-5.0	42





Fork Stranding Machine

Application : The device is mainly used twisted copper wire system, aluminum wire, ACSR, conductor twisted fan pressed system can also be carried out on copper wire cables or steel wire armor shield.



XMCJ-400/500

XMCJ-400/500 Fork stranding Machine							
Name	Parts	XMCJ-400			XMCJ-500		
		6+12/400	6+12+18/400	12+18+24/400	6+12/500	6+12+18/500	6+12+24/500
Take-up	Pay-off drum specifications	φ1000mm	Φ1250mm	Φ1250mm	Φ1250mm	Φ1600mm	Φ1600mm
	Way of pay-off	Manual take-off and landing	Spool type	Spool type	Spool type	Spool type	Spool type
Strander	Monofilament diameter	Φ 1.5-5.0mm	Φ 1.5-5.0mm	Φ 1.5-5.0mm	Φ 1.5-5.0mm	Φ 1.5-5.0mm	Φ 1.5-5.0mm
	Cabling diameter	Φ 25mm	Φ 35mm	Φ 45mm	Φ 25mm	Φ 35mm	Φ 45mm
	Stranding renovating speed	41-160r/min	41-160r/min	20-160r/min	41-121r/min	41-121r/min	20-121r/min
	Pitch	60-18mm	160-300mm	215-490mm	60-18mm	160-300mm	215-490mm
	Stranding inner drum diameter	Φ 400mm	Φ 400mm	Φ 400mm	Φ 400mm	Φ 400mm	Φ 400mm
	Motor Power	11KW	22KW	37KW	15KW	30KW	45KW
Capstans haul-off	Way of	Wheel	Wheel	Wheel	Wheel	Wheel	Wheel
	Guide sheave diameter	Φ 1000mm	Φ 1600mm	Φ 2000mm	Φ 1600mm	Φ 1800mm	Φ 2000mm
	Paying-out speed	4.56-32.86m/min	4.82-35.48m/min	4.82-35.48m/min	4.82-35.48m/min	7.3-50m/min	8.0-46.2m/min
	Gear Box	27Class	27Class	36Class	27Class	36Class	36Class
Take-up	Take-up drum diameter	Φ 1250mm	Φ 1600mm	Φ 2000mm	Φ 1600mm	Φ 2000mm	Φ 2500mm
	Way of take-up	Spool type	Spool type	Spool type	Spool type	Spool type	Spool type
	Motor Power	2.5kg.m	4kg.m	6kg.m	4kg.m	6kg.m	6kg.m
Control Box		Z4 DC Motor Speed Control, Variable Speed, according to users need to configure					
Operation direction		From left to right					

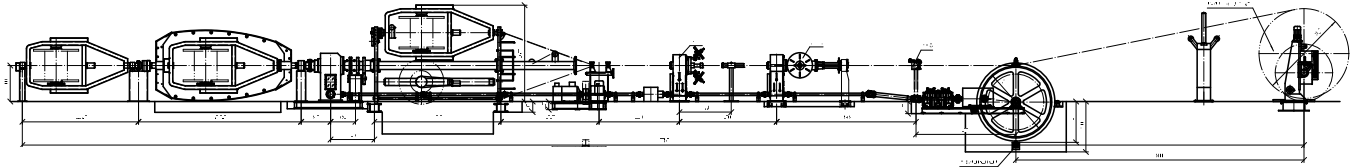


Cradle type Laying up Machine

Application : This series can produce a variety of large cross-section of the multi-core (3-7) plastic power cables, XLPE cables, tailored belted cables(as per customers' requirements), telephone cables and control cables, mining cables.



XMCL-630/800/1250/1600



Laying up Machine XMCL-630/800/1250/1600						
Name	Parts	XMCL-1+1+3/630	XMCL-1+1+3/800	XMCL-1+1+3/1000	XMCL-1+1+3/1250	XMCL-1+1+3/1600
Laying up Machine	Cross-section scope	2-25mm ²	6-50mm ²	25-185mm ²	25-185mm ²	35-300mm ²
	Cabling outer diameter	Φ35mm	Φ35mm	Φ63mm	Φ63mm	Φ100mm
	Cabling spacing	100-1500mm	100-1500mm	288-3200mm	288-3200mm	315-5650mm
	pay-off drum diameter	Φ630mm	Φ800mm	Φ1000mm	1250mm	1600mm
	Host power	11KW	15KW	18.5KW	22KW	45KW
	Host revolving speed	10-40r/min	10-40r/min	10-20r/min	10-20r/min	10-12r/min
	6 gear speed					
Cable lapping Machine	Cable lapping revolving speed	117-260r/min	117-260r/min	117-260r/min	117-260r/min	132-351r/min
	Cable lapping spacing	20-120mm	20-120mm	20-200mm	20-234mm	50-240mm
	6 gear speed					
Armoring Machine	Armoring revolving speed	117-260r/min	117-260r/min	117-260r/min	117-260r/min	132-294r/min
	Armoring spacing	20-120mm	20-120mm	20-200mm	20-200mm	20-240mm
	6 gear speed					
Haul-off	Way of traction	Capstans	Capstans	Capstans	Capstans	Capstans
	Guide sheave diameter	Φ1000mm/ double spool	Φ1600mm/ double spool	Φ1800mm/ double spool	Φ2000mm/ double spool	Φ2500mm/ double spool
	Paying-out speed	7.4-40m/min	7.4-40m/min	5.9-43m/min	5.9-43m/min	3.9-29.8m/min
Take-up	Bobbin size	PN800-1250mm	PN800-1600mm	PN1000-2000mm	PN1250-2500mm	PN1600-3150mm
	Way	Spool type	Spool type	Pintle	Pintle	Pintle
	Torque Motor	4kg.m	4kg.m	6kg.m	6kg.m	8kg.m
Control Box		1 set				
Operation direction		From left to right				

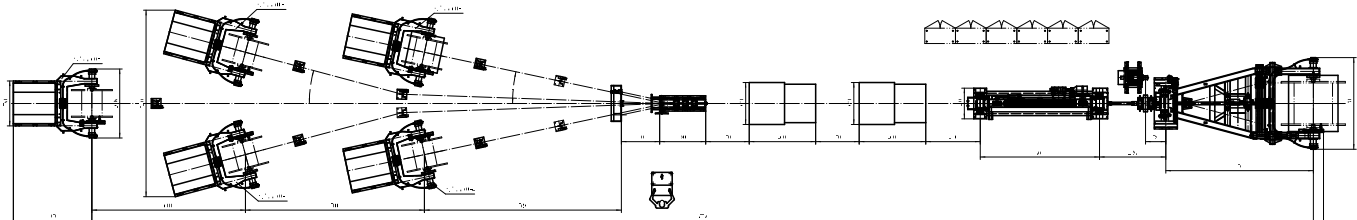


Drum Twister

Application : This line is used for laying up of power cables with large cross section, long length, and for stranding of cables with or without pre-twist, cable armoring by wires or tape.



XMPJ-2000/2500/3150/3600/4200



Type	Finished diameter (mm)	Pitch (mm)	Rotating Speed (r/min)	Line Speed (m/min)
XMPJ-2000	100	100-9600	50	60
XMPJ-2500	120		40	50
XMPJ-3150	130		30	42
XMPJ-3600	150		25	36
XMPJ-4200	150		18	28



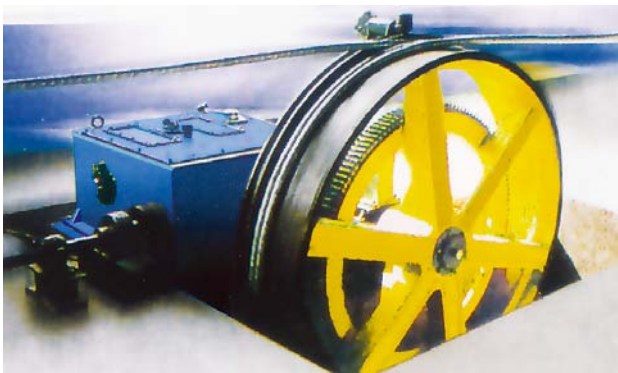
Caterpillars Haul-off

Application : This series is primarily for stranded aluminum-clad steel cables, stainless steel optical fiber loose tubes, optical fiber composite overhead ground wires (POGW), stranded ACSR, stranded bare copper wires, and by this series, a variety of cables and optical cables can be armored or shielded with steel wire.

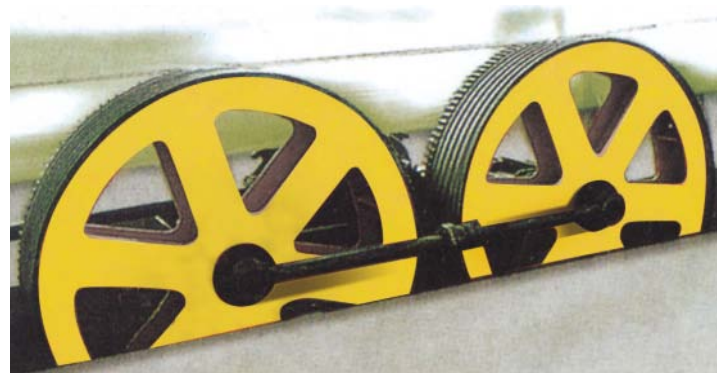


XMQY-500/1000/1250/1600/2000/2500/3000KG

Caterpillars haul-offs XMQY-500/1000/1250/1600/2000/2500/3000KG								
Model	Max. traction (kg)	Applicable diameter (mm)	Track contact length(mm)	Track width (mm)	Pairs of cylinders	Maximum traction speed (m/min)	Motor Power (kw)	Outer dimensions
XMQY-3000	3000	Φ 15- Φ 150	3000	180	8	63	15	4410x1380x1800
XMQY-2500	2500	Φ 15- Φ 150	2392	160	8	63	15	3550x1230x1860
XMQY-2000	2000	Φ 15- Φ 150	2392	140	7	100	11	3550x1230x1860
XMQY-1600	1600	Φ 5- Φ 150	1900	140	6	100	11	3330x1230x1730
XMQY-1250	1250	Φ 15- Φ 130	1575	120	5	100	7.5	3000x1230x1730
XMQY-1000	1000	Φ 3- Φ 80	1300	100	4	100	7.5	2200x980x1640
XMQY-500	500	Φ 1.5- Φ 60	750	80	3	120	5.5	1820x945x1630



Single capstan haul off

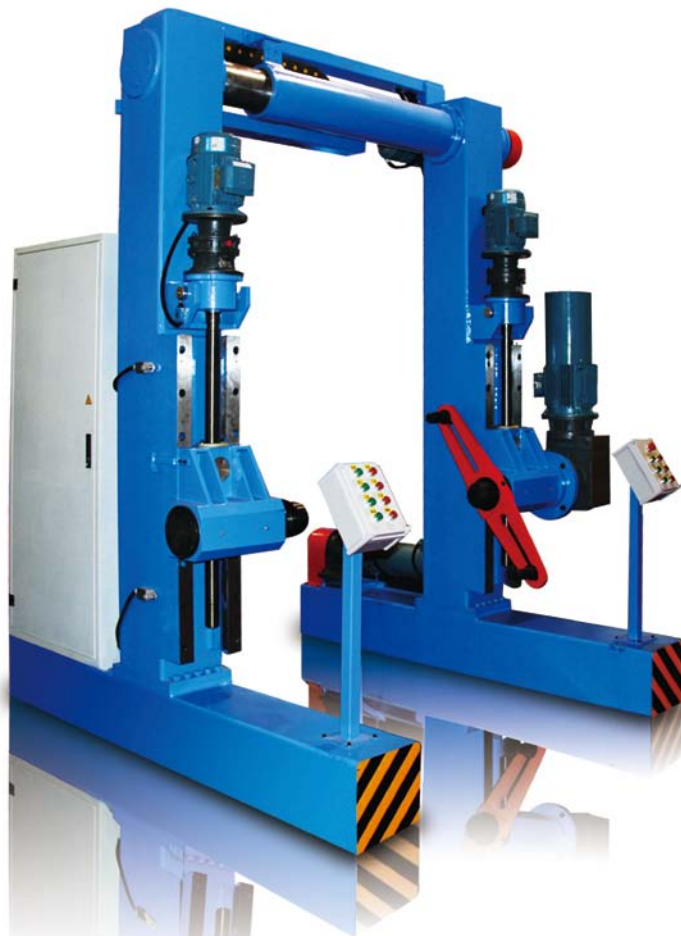


Capstans haul off



XINMING CABLE MACHINERY

Portal Pay-off and Take-up



XMLM-1600/2000/2500/3200/3600/4200/500

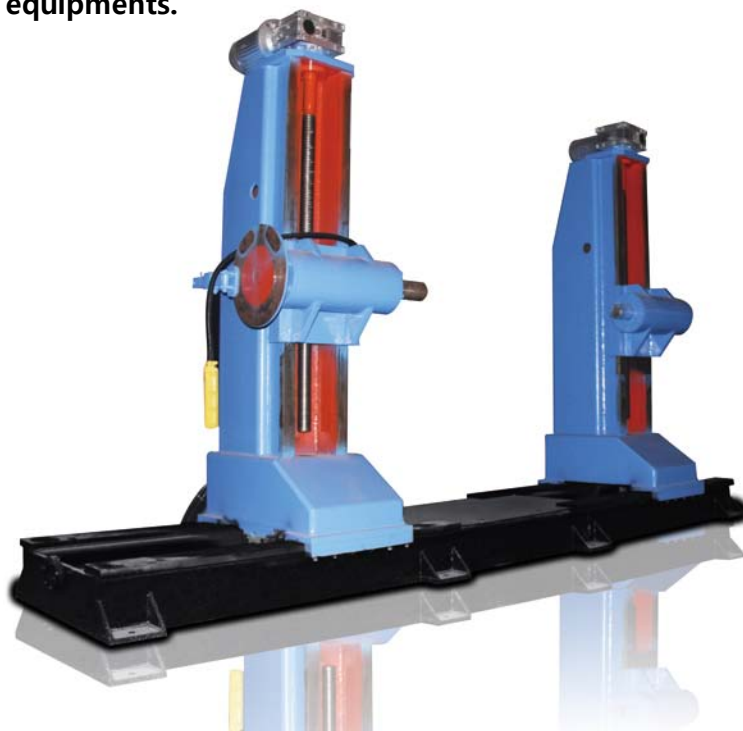
Application : XMLM series of take-up and pay –off are the ideal Machines for XLPE cable making Machine ,used in large, medium and small extrusion Machine, stranding Machine and laying up Machine. The take-up frame wholly adopts reciprocating movement; the Machine takes a small piece of area and promises the quality of the cable products. These series of take-up and pay-off Machine has many excellent functions: automatic settings of take –up tension and wire & cable diameter (pay-off pitch), position correction of take-up frame running state , protection of motor overloaded and phase lack etc. Reliable mechanical structure and excellent electrical control system make the Machine well performed with high efficiency, multi-functions, beautiful appearance and easy to operate.

Type (mm)	Take-up bobbin size (mm)	Speed (r/min)	Diameter (mm)	Loading capacity (T)
XMLM-1600	φ 800-1600	120	60	8
XMLM-2000	φ 1000-2000	120	60	10
XMLM-2500	φ 1000-2500	110	80	12
XMLM-3200	φ 1600-3200	90	120	20
XMLM-3600	φ 1600-3600	65	150	25
XMLM-4200	φ 2500-4200	50	200	35
XMLM-5000	φ 2500-5000	35	220	35

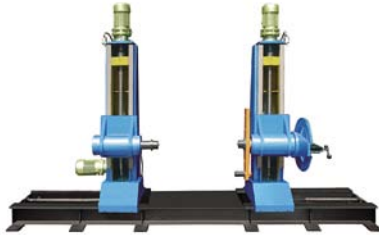


Pintle Pay-off and Take-up

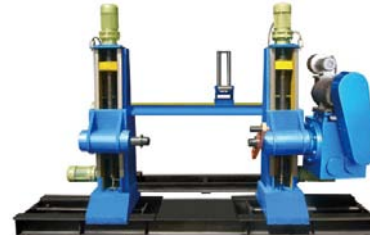
Application : The Machine takes the technical parameters according to the standard of American and Germany etc and designed comprehensively on the base of China existing equipment characteristics and component reliability. This Machine has independent control units and system of its own. It can be used with other wire & cable equipments, which can widely used for retracting and laying wires in optical cable production equipment, continuous pressure lead Machine, stranding Machine, extruding Machine, laying up Machine, armoring Machine and other wire & cable equipments.



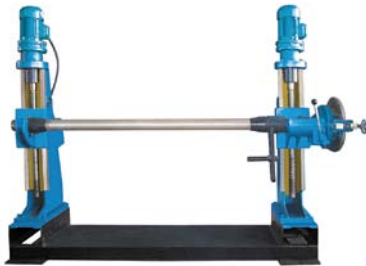
XMWZSF-1250/1600/2000/2500/3150/3500



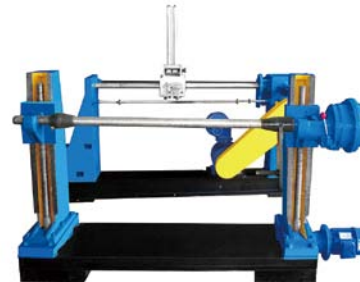
Pintle pay-off



Pintle take-up



Shaft pay-off



Shaft take-up

Type (mm)	Take-up bobbin size (mm)	Take up speed (r/min)	Applicable diameter (mm)	Guide motor	loading capacity (T)
XMWZSF-1250	φ 800-1250	3-65	5-25	0.75kw	4
XMWZSF-1600	φ 1000-1600	7-45	7-35	0.75kw	6
XMWZSF-2000	φ 1000-2000	2.6-49	<50	0.75kw	8
XMWZSF-2500	φ 1200-2500	0-24	<100	0.75kw	10
XMWZSF-3150	φ 2000-3150	0.77-14.4	<100	0.75kw	15
XMWZSF-3500	φ 2500-3500	2-13	<120	0.75kw	18



Oxygen-free Copper Rod Production Line

Application: over 5,000 tons oxygen-free copper rod continuous up-casting production line.



Production capacity	5000-10000T/year	Up rate	0.3-0.45m
Copper Specifications	Φ 17mm	Single copper rod weight	2T
Up rod number	32/ Root	Total power of equipment	320kw
Up spacing	3-5mm/ Adjustable		

Product Legend



The device applies to $\Phi 17/14$ oxygen-free copper continuous up-casting production line designed for production of superior oxygen-free copper rod.

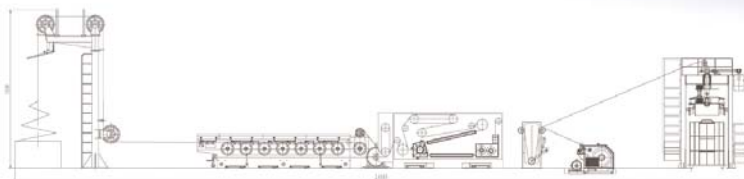
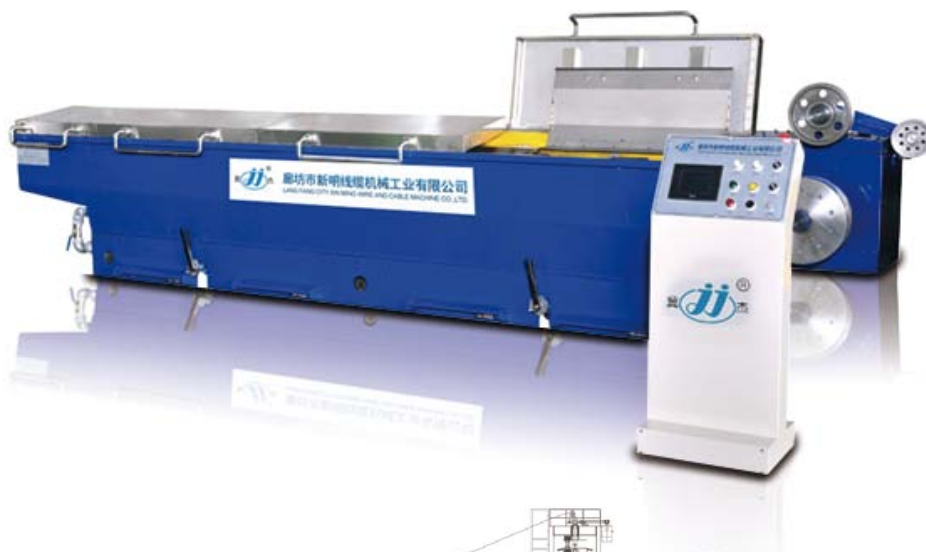




Copper Rod Breakdown Machine XMLHT-400

Aluminum Rod Breakdown Machine XMLHD-400

Application : High precision gear transmission, high efficiency, low noise. Fully immersed way to lubricate and cool, which can guarantee the quality of drawing wire. Annealing device is inclined, which is convenient for workers to cross wire. Special designed air pipe to send air to the axis of annealing wheel.



XMLHT-400 Copper rod breakdown Machine

Machine type	XMLHT-400/13	XMLHT-400/11	XMLHT-400/9	XMLHT-400/8
Power control	Double inverter control			
Inlet Dia.(mm)	Φ 8			
Outlet Dia.(mm)	Φ 1.2~ Φ 3.2	Φ 1.7~ Φ 3.2	Φ 2.3~ Φ 3.2	Φ 2.6~ Φ 3.2
Drawing rum Dia.(mm)	Φ 400	Φ 400	Φ 400	Φ 400
Fix speed Capstan Dia.(mm)	Φ 400	Φ 400	Φ 400	Φ 400
Max.Die No.	13	11	9	8
Drawing Speed(MAX)(M/S)	15	12	12	11
Main Motor(KW)	160(AC/DC)	132(AC/DC)		
Online Continuous Annealer				
Machine structure	Horizontal type			
Annealing wheel dia.	Φ 350			
Max annealing voltage	65V(DC)	65V(DC)		
Drawing rum Dia.(mm)	4500A	4000A		
Take-up type (optional)	Double Take-up/Single Take-up/Colier			
Optional equipment	Horizontal continuous annealer omlne			
Optional function	Fast change die			

XMLHD-400 Aluminum rod breakdown Machine

Machine type	XMLHT-400/13	XMLHT-400/11	XMLHT-400/9
Power control	Double inverter control		
Inlet Dia.(mm)	Φ 9.5		
Outlet Dia.(mm)	Φ 1.8~ Φ 4.2	Φ 2.3~ Φ 4.2	Φ 3.0~ Φ 4.2
Drawing rum Dia.(mm)	Φ 400	Φ 400	Φ 400
Fix speed Capstan Dia.(mm)	Φ 400	Φ 400	Φ 400
Max.Die No.	13	11	9
Drawing Speed(MAX)(M/S)	15	12	12
Main Motor(KW)	132(AC/DC)	110(AC/DC)	



Fine Wire Drawing M/C with Annealer

Application : Double inverter type can precisely control the spool wire tensor to reduce the slip ratio of wire to a minimum manner.



XMJX-14DT

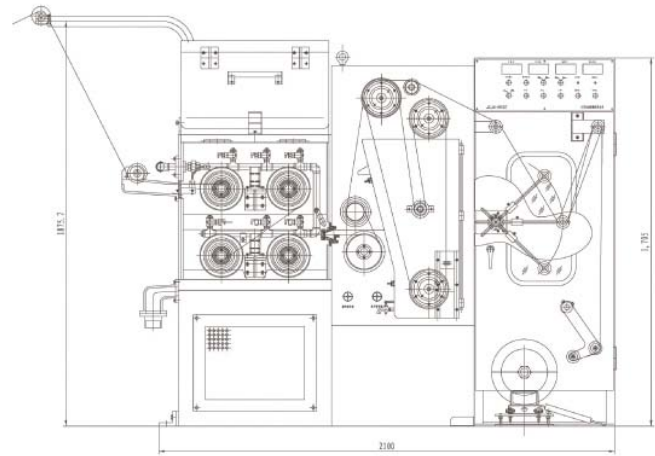


XMJX-22DTA / 24DTA



XMJX-22DT / 24DT





Machine type	XMJX-21DHT	XMJX-14DT	XMJX-22DT XMJX-22DT/A	XMJX-24DT XMJX-24DT/A
Inverter control	Double inverter control			
Max. Inlet Dia.(mm)	Φ 3.0	Φ 1.6	Φ 1.20/ Φ 1.36	Φ 1.0
Outlet Dia.(mm)	Φ 0.3~ Φ 0.9	Φ 0.25~ Φ 0.65	Φ 0.10~ Φ 0.32 Φ 0.15~ Φ 0.40	Φ 0.08~ Φ 0.25 Φ 0.15~ Φ 0.35
Max.Die No.	21	14	22	24
Max.Line Speed (m/min)	1500	1200	1800	
Body Structure	Ironed cast		Welded by steel plate	
Drawing capstan	Tungsten plasma captan		Ceramic plasma capstan	
Slip ratio of m/c (%)	15	15	15	13
Main motor power (kw)	45	18.5	11(15)	
Take-up motor (kw)	11	5.5	4	
Fix speed capstan Dia.(mm)	Φ 250	Φ 268	Φ 160 (Φ 206)	
Transmission type	By gera	Flat belt		
Lubrication type	Full immersion	Spray		
Max.Annealing Voltage (V)	DC 60	DC60	DC60	DC60
Max.Annealing Current(A)	DC 800	DC600	DC250	250
Take-up bobbin size (mm)	Φ 500/ Φ 630	Φ 300/ Φ 400	Φ 300	
Brake	Disc brake	Magnetic brake		
Weight (KG)	7000	3500	3200	3200



Coil Winding Machine

Application : High-speed multi-function automatic coiler applies to: a single wires, sheath wires, parallel wires, telephone lines, Anti-aging wires.



High-speed multi-function automatic coiler main technical parameters

Way of Pay-off	Automatic tension	Pay-off bobbin size	$\leq \phi 630\text{mm}$
Way of wire-arranging	Automatic	Motor power	3HP(2.2kw)
Host revolving speed	0-500 r/min	Binding coil inner diameter	$\phi 130\text{mm}$
Binding wire outer diameter	$\leq \phi 310\text{mm}$	Binding coil height	30-100mm
Number of Slot	3 slots	Output per manshift	about 700 bar (8 hours)

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TO GO A LONG WAY IN UNITY





Wire Bunching Machine

Application : This equipment is mainly used for bunching fine copper and twisting core wire.



Machine type	XMSJ-400	XMSJ-500	XMSJ-630	XMSJ-400	XMSJ-500
Bobbin size	Φ 400*300 mm	500*350 mm	630*450 mm	400*300 mm	500*350 mm
Production scope	2.5 mm ²	4 mm ²	6 mm ²	2.5 mm ²	4 mm ²
Monofilament	0.05-0.28 mm	0.10-0.41 mm	0.15-0.52 mm	0.05-0.28 mm	0.10-0.41 mm
RPM(m/min)	0-1500	0-1000	0-800	3000	1900
motor	4.0 kw	5.5 kw	7.5 kw	4.0 kw	5.5 kw



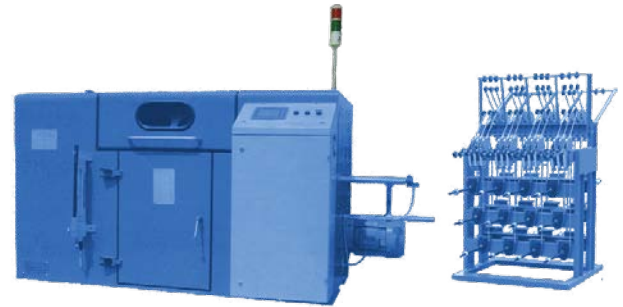
High-speed single twist Machine



Pay-off



High-speed single twist Machine





Single Twist Machine

Application : Extrusion Machine, Laying-up Machine, Take-up and pay-off, Auxiliary equipment, Wire drawing Machine, Wire bunching Machine, Haul-off Machine.



Machine type	XMSJ-630
Bobbin size	Φ 400-500 mm
Production scope	630 mm
monofilament	Φ 0.6 – 3.0 mm
Diameter	15 mm
Tapping	2500 r/min
Host RPM	700 m/min
Motor	4.0kw

Dual twist Machine



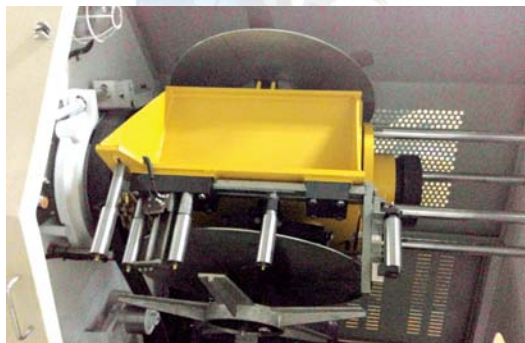
Machine type	XM-DJ-630mm	XM-DJ-800mm	XM-DJ-1000mm	XM-DJ-1250mm
inlet wire diameter	Φ0.3mm-Φ3.0mm	Φ0.3mm-Φ3.0mm	Φ1.0mm-Φ5.0mm	Φ1.0mm-Φ5.0mm
Max diameter after stranding	Φ15mm	Φ20mm	Φ25mm	Φ30mm
pitch	20-200mm	30-300mm	30-350mm	30-400mm
rotary speed	1000rpn/min	800rpn/min	650rpn/min	600rpm
stranding direction	S、Z	S、Z	S、Z	S、Z
tension adjustment	pneumatic	pneumatic	pneumatic	pneumatic
Take-up bobbin size	630mm	800mm	1000mm	φ1250mm



Cable Lapping Machine

Application: Used for copper wire, insulated wire or stranded wire wrapping.

Tape pad dia (mm)	φ 400	φ 500
Tape width (mm)	15-50	20-80
Max. rotation speed of anmoring head (rpm)	450	400
Applicable Max. cable D (mm)	60	80



Armoring

Application: The Machine is used for armoring cables with steel-tape.



Tape pad dia (mm)	φ 500	φ 630	φ 710	φ 800
Tape width (mm)	15-30	15-40	15-40	15-60
Max. rotation speed of anmoring head (rpm)	450	400	350	300
Applicable Max. cable D (mm)	20	60	80	150

Tape wrapping Machine

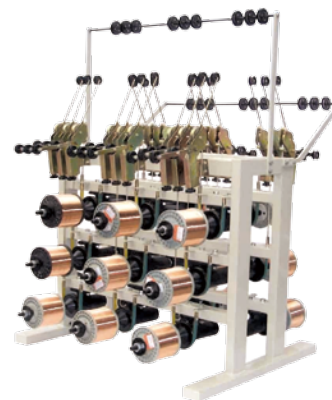


Model	XM-630A	XM-630B
inlet wire diameter	0.8- 6 mm	0.8- 6 mm
Tape width	6-18 mm	6-18 mm
Material	PE film, Mica film	PE film, Mica film
Tape roll diameter	52mm	52mm
Take-up	single shaft	single shaft
Speed of motor	2500 rpm	2500 rpm
Take-up bobbin size	400-630mm	400-630mm



KM16-180QME

16 carrier high speed braider



data \ type	16 carrier high speed braider with cover (KM16-180QME)		
Overall diameter of the wires to be braided Max	Φ14mm		
Number of strands per carrier	Φ0.25mm(1-7) Φ0.15mm(1-13) Φ0.12mm(2-13) Φ0.08mm(3-13) Φ0.05mm(4-13)		
Rotation of the main Machine Max	180RPM (the general speed is 150 RPM)		
Pitch regulation	The pitch may be regulated with steps by transposing dears between 5.35 and 63.5mm.		
Motor for the main Machine	380V 1.1KW	Noisy	≤ 76db
Reel size	Φ800mm*600mm	Bobbin	Φ66mm*82.5mm
take-up and pay-off spindle hole	Φ > 38mm ≤ 80mm	Machine weight	≈ 550Kg
Standard components	1, new type electrical apparatus with easy maintenance 2, pitch regulator 3, inverter control 4, Electronic monitor for wire break 5, Monitor for tape break with longitudinal taping 6, tension regulator for braiding stands 7, Device for the free adjustment of take-up reels and traversing width. 8, Automatic stop at wire break 9, Automatic oiler		
Braider material	1, The braiding stands may be soft copper wires, Al-Mg alloy wires and stainless steel wires. 2, The elongation shall be at least 10 to 17% for soft copper wires and between 3 and 5% for AL=Mg alloy wires. 3, The stainless steel shall have an elongation between 38 and 45% and tension strength between 700 and 730MPA(based on φ0.2mm wire)		
	Have CE certificate		

Automatic coiling and pliofilm wrapping Machine

This device is used for coiling the cables from 1mm to 10mm, and wrapping the coil by poly tape.

Coil head rotation speed: Max 780rpm.

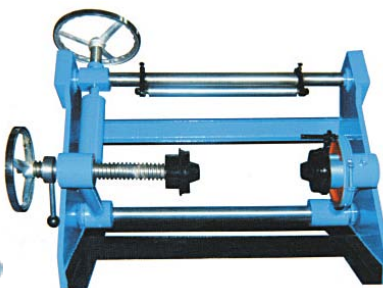
Coil Size: OD Φ 400mm Max X Height 50-120mm.

Coil inner diameter: Φ 140mm-220mm (fixed Size)





Dual reels pay-off



Pay-off



Capstans haul-off



Dual reels Take-up



Rewinding Machine





Rubber Extruder



Co-Extruder



Extruder



Spark Test



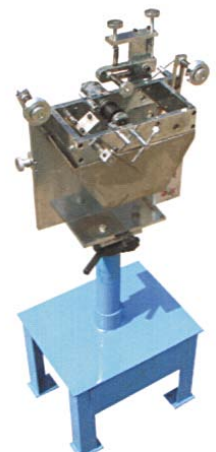
Diameter gauge



Meter Counter



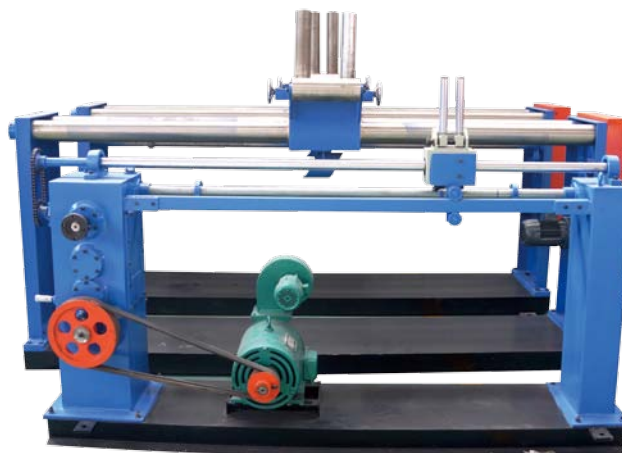
Meter Counter



Ink Printer



Pay-off XM-1016



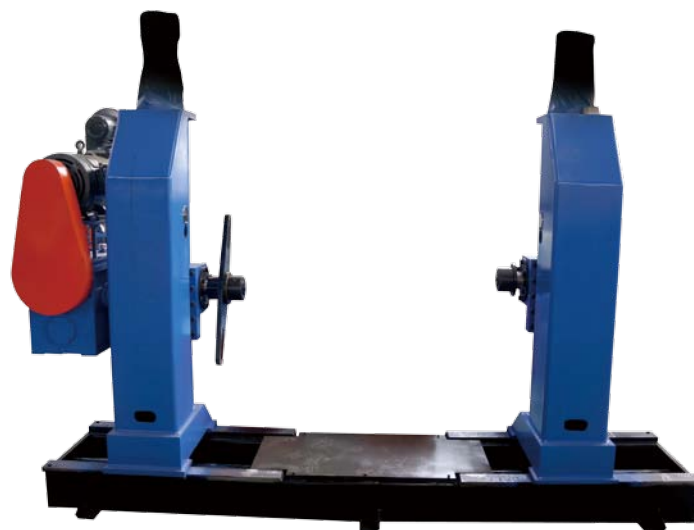
wire guide Machine



Pay-off XM-6310



Pay-off XM-4063



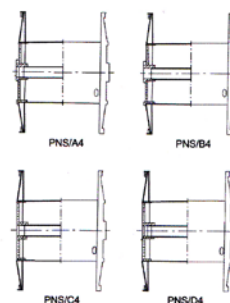
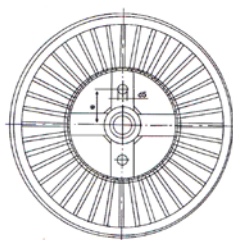
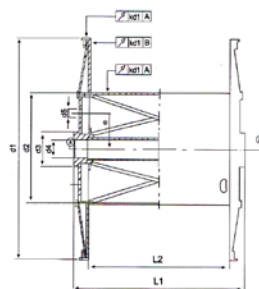
Take-up XM-1025



Bobbin



Drum



d1	d2	d3	d4	d5	e	l1	l2
800	400	160	80	40	160	600	500
900	450					670	560
1000	500					750	630
1150	560					850	710
1250	630					950	800
1400	710					1060	900
1600	800	250	125	65	300	1180	1000
1800	1000					1320	1120
2000	1120					1500	1250
2240	1250					1700	1400
2500	1500					1900	1600
2800	1800					2120	1800
3150	1900	300	160		500	2300	2000



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