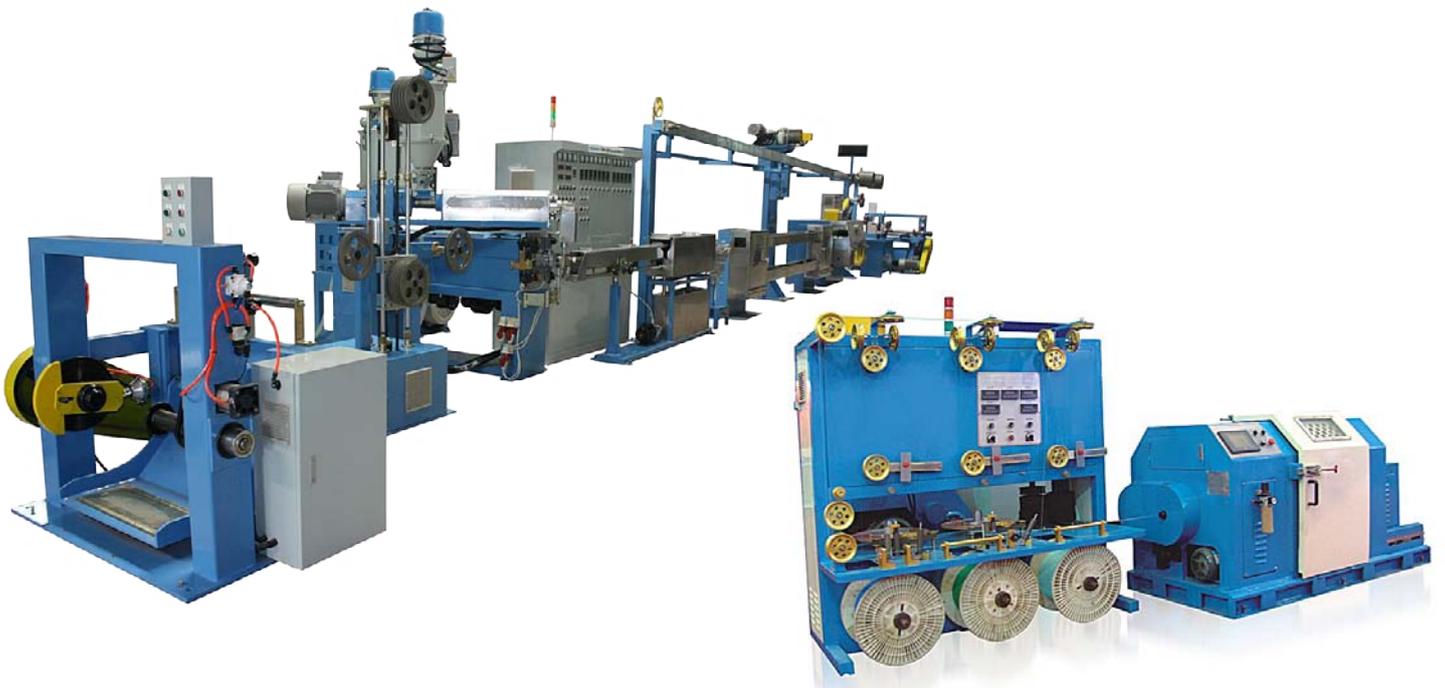


WIRES & CABLES PROCESSING MACHINES



Extrusion Lines

Bunchers

Coilers

Laying Machines

Taping Machines

Braiding Machines

Stranding Machines

Building Wires

Automotive Cables

Instrumentation Cables

Data Cables

Co-axial Cables

LAN & Networking Cables

Progress Ahead ... Together

www.parovisystems.com

About us



WIRES & CABLES PROCESSING MACHINES

Today, in our competitive environment of business, the need to cut Production Costs, Improve Quality and to Lower Production time, is more than ever before. The present demands us to change our production styles and be at par with International environment of working.

Parovi Machines bridges this gap of Technical know-how by providing the Indian wire & cable industry with the highest quality & most cost effective equipment, consulting, training & service to achieve the optimum in production performance. We guarantee hundred percent customer satisfaction through proper equipment selection, unsurpassed after sales service & prompt technical support. An extensive Customer Service department offers assistance from Delhi, Haryana, Mumbai & Hyderabad facilities to customers all over the country.

Parovi Machines Ensures:

- Productivity of 3-4 times higher than conventional Indian machines
- Lower electrical power consumption up to 50%
- Lower manpower requirement up to 1/10th of Indian machines
- Lower maintenance and operator interference
- Lower sound levels and vibrations

Our Engineering Department supports customers' special requests and answers their particular needs and demands. Our Resident Service Engineers handle new equipment commissioning, customers' personnel training, and equipment troubleshooting as well preventive and defective maintenance support. In addition to the demonstration equipment, Parovi Machines also stocks most commonly used spare parts that are available for immediate delivery. Competent staff supports our customers in identifying and supplying the required spare parts.

Products & Services

Parovi Machines' products include Extrusion Lines, Bunchers, Coilers, Laying Machines, Taping Machines, Braiding Machines, Stranding Machines catering to various industries making building wires, automotive cables, instrumentation cables, data cables, co-axial cables, LAN & networking cables.

Our Strength

- 'Parovi Machines' is a Total Technical Solution Provider for wire and cable manufacturers.
- 'Parovi Machines' offers ready stock of all range of machines and accessories it offers.
- 'Parovi Machines' provides complete After-Sales-Service backup for the machines and accessories.
- 'Parovi Machines' keeps a ready stock of the spare-parts.

Parovi Machines is proud to present the latest advances in wire and cable processing machinery that have made us the leader in Indian market.

Service Network



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ELECTRICAL AND ELECTRONIC WIRES EXTRUSION LINE

PRV-WE-30, PRV-WE-40, PRV-WE-50, PRV-WE-60, PRV-WE-70

APPLICATION:

Suitable for single layer, dual color, dual layer and three layer extrusion processes for making wires and cables with insulating wire materials such as PVC, LDPE, XLPE,LSHF, NYLON, TPU and TPE



BUILDING WIRE/ JACKETING EXTRUSION LINES

PRV-WE-60, PRV-WE-70, PRV-WE-80, PRV-WE-90



APPLICATION:

Extrusion of PVC, ZHLS, Nylon, halogen-free environment-friendly polymers.

FEATURES:

- PLC+HMI industrial computerized operations with display, memory and retrieval of parameters. Automatic control and adjusting production line.
- Equipped with advanced special universal Cross-head, two-layer Crossed-head, fulfilling the precision extrusion requirements.
- Specially designed screws to fulfill different kinds of material extruding.
- Max speed: 500mts/min



Take-up Machine



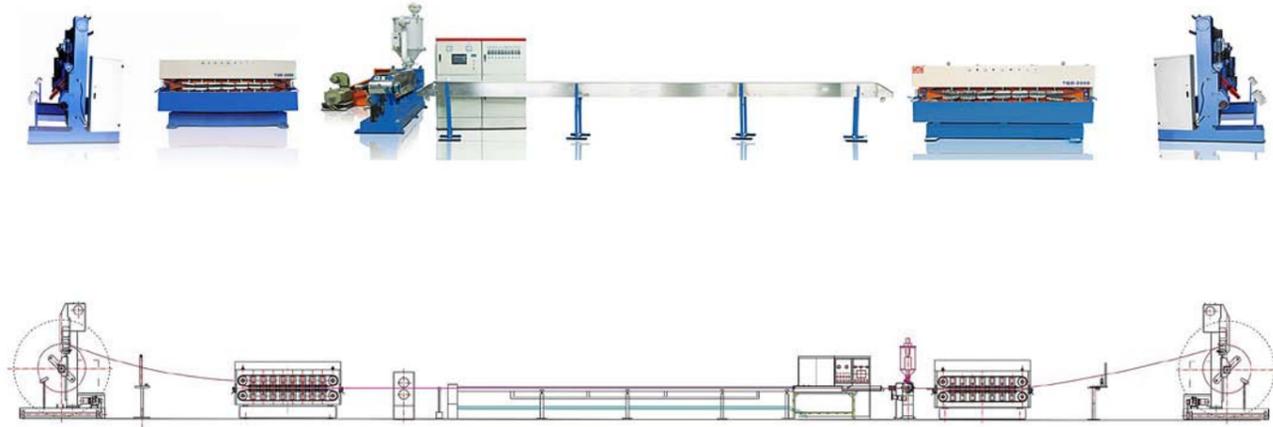
Automatic Coiling and Packaging Machine

Technical parameters					
MODEL	PRV-WE-30	PRV-WE-40	PRV-WE-50	PRV-WE-60	PRV-WE-70
Pay-off type	Active type	Shaft type	Double-shaft type/ Big-shaft type/ Shaftless type		
Pay-off diameter(mm)	300/400/500	400/500/630	500/630/800/1250	500/630/800/1250	500/630/800/1250
Screw diameter (mm)	30	40	50	60	70
Screw diameter proportion	26:1	26:1	26:1	26:1	26:1
Screw speed (rpm)	10-110	10-100	10-80	10-80	10-80
Output (kg/h)	30	50	80	110	150
Host's power (kw)	5	5	10	15	20
Cooling system	Two stage Single layer or Double layer Water Cooling Trough				
Max wire accumulation (mts)	250	200	150	150	150
Take-up power (kw)	2.2	3.7-5.5	5.5	5.5	5.5
Linear speed (mts/min)	0-600	0-400	0-400	0-400	0-400
Take-up type	Double spool		Dual spool shaft type/ single spool shaftless assembly		
Take-up spool size (mm)	300/400/500	400/500/600	500/630/800/1250	500/630/800/1250	500/630/800/1250

Technical parameters				
MODEL	PRV-WE-60	PRV-WE-70	PRV-WE-80	PRV-WE-90
Pay-Off Type	Dual axes/Active pay-off	Dual axes/Active pay-off	Dual axes/Active pay-off	Dual axes/Active pay-off
Pay-Off bobbin size	PN400-630	PN400-630	PN400-630	PN630-800
Screw Diameter	Ø 65	Ø 70	Ø 80	Ø 80
L/D of Screw	26: 1	26: 1	25: 1	25:1
Extrusion Capacity (kgs/hr)	100	140	200	250
Main Unit Power	20HP	30HP	40HP	50HP
Wire Specificatoin	Ø 0.8 -8	Ø 1.5-12	Ø 2- 20	Ø 3 -25
Cooling Device	Single Layer/Double	Single Layer/Double	Single Layer/Double	Single Layer/Double
Accumulator Capacity	250	200	200	200
Capstan Power	3HP	5HP	7.5HP	7.5HP
Wire Speed	MAX500	MAX500	MAX450	MAX400
Take-UP Type	Dual axis spool/ coiling frame packing			
Take-Up bobbin size	PN500-630	PN500-630	PN500-630	PN500-630
Take-Up Power	4HP	4HP	5HP	5HP

POWER CABLE EXTRUSION LINE

PRV-WE-90, PRV-WE-100, PRV-WE-120, PRV-WE-150



APPLICATION:

Production of insulated electrical power cables.

LINE CONFIGURATION:

The line is made up of gate type pay-off, caterpillar tractor, extrusion host, control panel, cooling trough, spark tester, pulling caterpillar and take-up unit. Various accessories can be added like printing machine, diameter controller, PLC and touch screens.

Technical parameters				
MODEL	PRV-WE- 90	PRV-WE- 100	PRV-WE- 120	PRV-WE-150
Pay-Off Type	Dual axis/gate type	Dual axis/gate type	Dual axis/gate type	Dual axis/gate type
Pay-Off bobbin size (mm)	PN630-800/1250	PN630-800/1250	PN1600-2000	PN2500-3150
Screw Diameter	Ø 90	Ø 100	Ø 120	Ø 150
L/D ratio of Screw	25: 1	25: 1	25 : 1	25 : 1
Extrusion Capacity (kgs/hr)	280	350	400	600
Main Unit Power	50HP	70HP	100HP	150HP
Range of Wire Size	Ø 3-25mm	Ø 5-40mm	Ø 50-80mm	Ø 60-120mm
Cooling System	Single Layer U Type			
Capstan Power	7.5HP	10HP	15HP	20HP
Max Line Speed	200	200	150	100
Take-Up Type	Dual axis/gate type	Dual axis/gate type	Dual axis/gate type	Dual axis/gate type

TEFLON HIGH-TEMPERATURE EXTRUSION LINE

PRV-STA-800, PRV-STA-1000, PRV-STA-1250



APPLICATION:

Teflon Extrusion Line is designed for FEP/ PFA/ ETFE TEFLON. The line consists of tension controlled pay-off pre-heater, extrusion hoist, cooling through, haul-off device, take-up, control system with simple and safe operations.



Technical parameters			
MODEL	PRV-TEF-WE-40	PRV-TEF-WE-50	PRV-TEF- WE-60
Screw diameter	Ø40	Ø50	Ø60
LD Ratio	25:1	25:1	25:1
Temperature control	6 Zone	6 Zone	7 Zone
Main machine power	10HP	15HP	30HP
Extrusion capacity kg/hr	15	25	45
Conductor diameter (mm)	0.1-3.0	0.2-6.0	3.0-28.0
Insulation diameter (mm)	0.3-4.0	0.4-8.0	4.0-32.0

PHYSICAL FOAMING COAXIAL CABLE EXTRUSION LINE

PRV-CF-WE-30+20, PRV-CF-WE-40+30, PRV-CF-WE-50+35

APPLICATION:

Processing of high frequency cable, Communication cable, data cable, coaxial cable, Rf cable, RG, JIS etc. core wire double layer chemical foam or solid wire extrusion.

Chemical Foaming Extrusion Line



Technical parameters			
MACHINE TYPE	PRV-CF-WE-30+20	PRV-CF-WE-40+30	PRV-CF-WE-50+35
Pay-off type	Active	Active	Active
Pay-off spool size	Ø 200-300	Ø 300-400	Ø 300-500
Insulation diameter	Ø 0.2-2.5	Ø 0.6-3.0	Ø 0.6-5.0
Extrusions capacity	30kg/h	50kg/h	80kg/h
Main machine power	7.5HP	10HP	15HP
Pilot machine power	2HP	2HP	3HP
Wire accumulating length	200mts	200mts	200mts
Take-up type	3HP Double spool	3HP Double spool	3HP Double spool

Physical Foaming Extrusion Line (Nitrogen)



Suitable for CATV, RG, SYWV, JIS series.

Suitable Material: FM-PE, PE.

Foaming limit : High-pressure nitrogen injection (Max):78%, low pressure nitrogen system (Max): 70%.

Quality control : in-built outer diameter scanner, capacitance examination equipment.

Electronic control : PLC with HMI screen controls

Technical parameters			
MACHINE TYPE	PRV-NF- WE-20+35+20	PRV-NF-WE-30+65+40	PRV-NF- WE-30+80+40
Applied Material	FM-PE, PE Material		
Conductor Dia	Ø 0.2-0.8mm	Ø0.5-2.27mm	Ø 2.5-3.0mm
Finished Wire	Ø1.5-3.0mm	Ø 3-14mm	Ø 12-30mm
Power	25KW	45KW	55KW

THIN INSULATION AUTOMOTIVE WIRE EXTRUSION LINE

PRV-WE-50+30, PRV-WE-60+40



APPLICATION:

For processing of all kinds of international standard AVS and AVSS Automotive wires, Instrumentation cables, Low-voltage audio video cables, PVC Low-voltage wires, electron beam irradiated PE wires etc.

Technical parameters		
Machine type	PRV-FI-WE-50+30	PRV-FI-WE-60+40
Application	Low smoke Zero Halogen, PVC, PE, Irradiation PVC & Irradiation Polyolefin Materials	
Insulation wire	0.5mm- 1.95mm (AWG#28-#12)	0.5mm- .95mm(AWG#28-#12)
Max. conductor	2.0mm	2.0mm
Max insulation	5.0mm	5.0mm
Precise diameter Control	±0.003mm	±0.003mm
Max. Speed	Max.500m/min	Max.800m/min



Box Take-up Machine

HIGH SPEED TANDEM EXTRUSION LINE

PRV-TA-WE-1250

APPLICATION:

Suitable for making LAN cables (like CAT5e and CAT6) and insulated telephone cables.

Machine configuration: Wire drawing, annealing, pre-heating, insulation extruding, auto take-up, online outer diameter testing and eccentricity inspection.



Technical parameters	
MODEL	PRV-TA-WE-1250
Material:	PVC, PE, LDPE:
Inlet wire diameter	Ø 2.5mm-3.0mm
Outlet wire diameter	Ø 0.4mm-1.2mm
Insulated Wire diameter	0.9mm-2.0mm
Line Speed	MAX1200m/min

FLAT WIRE/ RIBBON WIRE EXTRUSION LINE

PRV-FW-WE-50-26D, PRV -FW-WE-70-26D, PRV-FW-WE-80-25D

APPLICATION:

Specialized for producing flat multicore cables such as UL2488, 2651, 2678

Characteristics

Special flat wire machine head, in-line flat wire accumulator, tension controls for uniform core thickness,



Technical parameters

Machine type	PRV-FW-WE-50-26D	PRV-FW-WE-70-26D	PRV-FW-WE-80-25D
Screw diameter	Ø50mm	Ø70mm	Ø80mm
Screw specifications	L/D-26 : 1 10- 100rpm	L/D-26 : 1 10-80rpm	L/D-26: 1 10-70rpm
Extrusion capacity	80kgs/hr	140kgs/hr	200kgs/hr
Line Speed (MAX)	200m/min	150m/min	150m/min
Pay-off size	Ø300mm	Ø300mm	Ø300mm
Extruder, Capstan, Take-up motors (kw)	10+ 3 +1.5	20 + 5 + 2.2	30 + 7.5 + 3.7
Max. number of CORES extrusion	1 - 16	1 - 64	1 - 80

SILICON CABLE EXTRUSION LINE

PRV-SC-WE-50, PRV-SC-WE-70, PRV-SC-WE-80, PRV-SC-WE-90

CHARACTERISTICS:

PLC + Touch screen, special silicon screw-barrels, heads, dies, vulcanizing ovens



Technical parameters

Machine Model	PRV-SC-WE-50	PRV-SC-WE-70	PRV-SC-WE-80	PRV-SC-WE-90
Main Motor Power (kw)	7.5	15	20	35
Extrusion Volume (kgs/hr)	30	60	150	250
Screw diameter	Ø 45	Ø 65	Ø 90	Ø 115
L/D of Screw	12 : 1	12 : 1	14 : 1	14 : 1
Pay-off spool size	Ø 300-400	Ø 400- 630	Ø 1000-1250	Ø 1250-1600
Conductor diameter	0.2-3.0	0.3-5.0	5.0-50	6-65
Insulation diameter (mm)	0.8-5.0	1.8-8.0	9.0-60	10-75
Vulcanization Oven Length (mts)	12	16	24	28
Heater Power (kw)	3x36kw	3x48kw	6x72kw	7x84kw
Traction motor power (kw)	3	4	7.5	11
Production Speed (mts/min)	6-80	6-80	4-40	4-40
Coiling size	400-500	400-630	1250-1600	1250-1600

RUBBER VULCANIZATION EXTRUSION LINE

PRV-R-WE-50, PRV-R-WE-70, PRV-R-WE-90, PRV-R-WE-100, PRV-R-WE-120, PRV-R-WE-150

APPLICATION:

Processing of rubber wire cable production for single layer and double layer insulation and jacket extrusion with continuous vulcanization.



Technical parameters

Machine Model	PRV-R-WE-50	PRV-R-WE-70	PRV-R-WE-90	PRV-R-WE-100	PRV-R-WE-120	PRV-R-WE-150
Conductor Diameter (mm)	0.5-3	1-5	3-15	5-20	12-36	20-60
Insulation Diameter (mm)	2-5	3-10	5-25	8-25	15-42	26-70
Screw rpm	60	50	50	40	30	30
Length -Diameter Ratio	18	18	18	18	18	18
Extrusion Capacity (kgs/hr)	50	100	250	300	400	550
Main Power (kw)	15	30	50	60	80	160
Linear Speed (mts/min)	150	120	100	80	60	40
Vulcanizing Tube Length (mts)	120	120	100	100	90	90

HIGH SPEED STRANDING MACHINE

PRV-HSB-300, PRV-HSB-500, PRV-HSB-630

APPLICATION:

Auto high speed twisting machine for multi-strand conductors.



Technical parameters			
Machine Model	PRV-HSB-300	PRV-HSB-500	PRV-HSB-630
Application	Bare copper, Tinned copper, Enamelled wire, CCS, CCA, Core Wire Twisting.		
Final Wire Range	19-32AWG	18-30AWG	16-26AWG
Twisted cross section	0.0137-0.45mm ²	0.05-2.5mm ²	0.80-6mm ²
Diameter of Single Wire	Ø 0.05-0.16mm	Ø0.08-0.41mm	Ø0.12-0.64mm
Lay length/ Pitch	1.6-17.1mm	4.22mm-39.64mm	4.2-13mm
Maximum copper weight in spool	30kgs	250kgs	400kgs
Spool size (mm)	300	500	630
Max Highaxis Rotation Speed	3000 RPM(6000t/min)	2500 RPM(5000t/min)	1600 RPM(3200t/min)
Twisting Direction	Left or right		
Auto-Stop Condition	(1)Autonomic stop in case of wire broken inside or outside (2) When desired length achieved		
Power	3HP VFD Controlled	5-7.5 HP VFD Controlled	10 HP VFD Controlled
Noise Level	Approx 75 db	Approx 75 db	Approx 80 db
Machine Dimension (mm)	(L)1800 X (W)750 X (H)850	(L)2690 X (W) 1060 X (H) 1230	(L)2850X (W)1500X (H)1600
Net Weight	Approx. 850 kgs	Approx. 2000 kgs	Approx. 4000 kgs

HIGH SPEED STRANDING MACHINE

PRV-HSB-800, PRV-HSB-1000

APPLICATION:

Auto high speed twisting machine for multi-strand conductors.



Technical parameters		
Machine Model	PRV-HSB-800	PRV-HSB-1000
Application	Bare copper, Tinned copper, Enamelled wire, CCS, CCA, Core Wire Twisting.	
Final Wire Range	8-13AWG	11-22AWG
Twisted cross section	2.5-8.0mm ²	0.32-4.0mm ²
Diameter of Single Wire	Ø 0.29-0.73mm	Ø 0.32-0.8mm
Lay length/ Pitch	27.4-144mm	48.1mm-156mm
Spool size (mm)	800	1000
Max High axis Rotation Speed	1200 RPM(2400t/min)	450 RPM(900t/min)
Twisting Direction	Left or right	
Auto-Stop Condition	(1)Autonomic stop in case of wire broken inside or outside (2) When desired length achieved	
Power	15kw	22kw
Noise Level	Approx 80 db	Approx 80 db
Machine Dimension (mm)	(L)2690 X (W)1600 X (H)1700	(L)1850 X (W) 1650 X (H) 1800
Net Weight	Approx. 1500 kgs	Approx. 6000 kgs

VERTICAL DOUBLE BOBBIN BACK TWIST MACHINE

PRV-BT-V-500



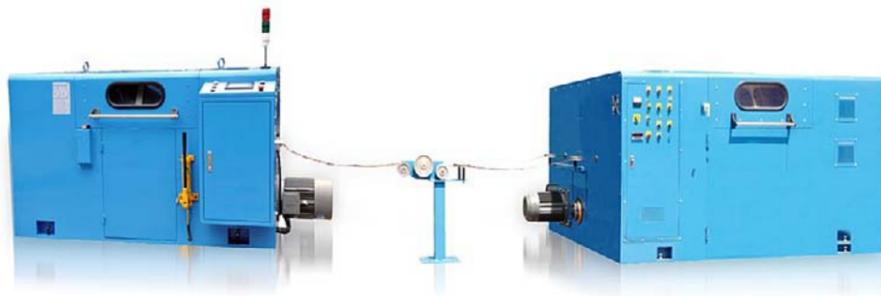
Technical parameters	
Machine Model	PRV-BT-V-500
Max Rotation Speed	1000rpm
Back twist Ratio	90% Stepless Adjustable
Main Motor	3.7kw
Take-up Bobbin Size	Φ500 X 320mm traverse
Bobbin Weight	<250kg ; Wire pay-off tension 3-10 N
Pay-off Bobbin Size	Φ500(OD) X Φ56(ID) X 300mm Traverse
Main Motor	3.7 kw
Tension Range	200g, stable and adjustable
Back-Twist Tension Stand	vertical double head, tension wheel 120mm, 3+4 grooves, precision potentiometer
Pay-Off Device	In-Line tension sensor stand linked with pay-off motor ensuring constant tension of wire
Machine Dimension	L x W x H (2100x1300x2000)
Total Weight	2200kg

APPLICATION:

For bunching of back twisted pair for LAN cables.

HORIZONTAL DOUBLE BOBBIN BACKWARD TWISTING MACHINE

PRV-BT-H-500, PRV-BT-H-630



APPLICATION:

Back twist pair bunching for LAN cable, CAT6 cable with insulated core wire ensuring equal twist tension.

Technical parameters		
Machien Model	PRV-BT-H-500	PRV-BT-H-630
Conductor Dia.	Φ0.32mm-Φ1.2mm	Φ0.32mm-Φ1.2mm
Pay-Off	Max.1000rpm.(2000Twist)	Max.750rpm.(1500Twist)
Take-Up	Max.2000rpm.(4000Twist)	Max.1500rpm.(3000Twist)
Line Speed	Max.300M/min	Max.300M/min
Pitch	Min.9.0mm	Min.9.0mm
Bobbin Size	Max.Φ500*0.w.375mm	Max.Φ630*.0.w.475mm
Bobbin Loading & Unloading	Electric Elevating System	Electric Elevating System

CANTILEVER HIGH SPEED SINGLE TWISTING MACHINE

PRV-ST-630, PRV-ST-800 , PRV-ST-1000 , PRV-ST-1250



APPLICATION:

The machine is mainly used for multiple pair laying of data cables, HDMI cables, power cables, bare copper wire (fine wire), Multicore shielded cables, control cables etc.

CONFIGURATION:

Single twist main unit, electric control panel, Central taping machine, side-way longitudinal taping device.



Characteristics

- Computer control pitch, non-tension pulleys, active pay-off, high bending radius.
- Stranding main unit has cantilever arm structure, revolving body with low rotation inertia, high RPM and stable speed.
- Coiling box moves left and right for traverse function stable pitch with stepless adjustment.
- Tray loading and discharging with easy mechanism

Technical parameters				
Machine Model	PRV-ST-630	PRV-ST-800	PRV-ST-1000	PRV-ST-1250
Core OD	Φ 0.5-Φ3.0mm	Φ 0.8-Φ3.0mm	Φ 0.1-Φ5.0mm	Φ 1.0-Φ5.0mm
Max Stranding OD	Φ 12mm	Φ 20mm	Φ 25mm	Φ 30mm
Traverse Pitch	2-12mm	3-20mm	3-30mm	3-35mm
Speed	Max800rpm	Max600rpm	Max500rpm	Max450rpm
Twisting Pitch	20-200mm	20-300mm	20-400mm	30-500mm
Pay-off Bobbin Size	Φ 500mm	Φ 500-Φ630mm	Φ 500-630mm	Φ 500-Φ630mm
Take-Up Bobbin Size	Φ 630mm	Φ 800mm	Φ 1000mm	Φ 1250mm

FRAME PLC SINGLE TWISTING MACHINE

PRV-ST-630, PRV-ST-800, PRV-ST-1000, PRV-ST-1250

APPLICATION:

Suitable for all kinds of power cable, communication cables and other cores laying along with central taping and longitudinal taping.

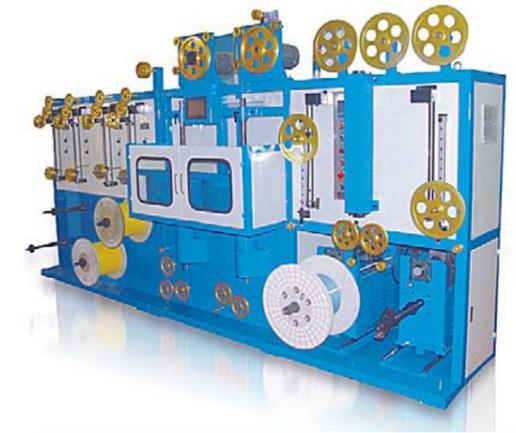


NC SINGLE/ DOUBLE VERTICAL TAPING MACHINE

Ø500 Numerical control type double layer/Single vertical taping machine

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Technical parameters	
Machine Model	Ø500 Numerical control type double layer/Single vertical taping machine
Core Specification	AWG32-AWG20
Taping Material	Aluminium foil tape, Cotton Paper tape, Transparent tape, Mica tape, Teflon tape
Max. rpm	MAX2000rpm/MAX28m/min
Power	1HP motor with adjustable speed
Taping Tension	Constant taping tension with load cells
Take-up Tension	Constant take-up tension with dancer mechanism
Heat Oven	Mobile telescopic hot oven, RKC temperature control, temperature tolerance : ± 1 °C
Pay-off Type	Shaft type active take-up
Pay-Off size	Ø300-Ø500
Take-Up size	Ø400-Ø630
Machine dimensions	4150 x 1400 x 1900
Machine Weight	2000kg



APPLICATION:

Suitable for taping high frequency data cables like DVI, HDMI, ATA, SATA, IEEE1394 with inline heating and self adhesion process for hot shrink tape synchronously.

NC SINGLE/ DOUBLE HORIZONTAL TAPING MACHINE

PRV-STA-800

Technical parameters				
Machine Model	PRV-ST-630	PRV-ST-800	PRV-ST-1000	PRV-ST-1250
Pay-off bobbin size	400mm-Ø500mm	400mm-Ø500mm	500mm-Ø630mm	500mm-Ø630mm
Take-up Bobbin	Ø 630 x width 390 x traverse 360 x inside bore Ø80mm	Ø 800 x width 600 x traverse 500 x inside bore Ø80mm	Ø 1000 mm	Ø 1250 mm
Bobbin Size	Ø0.6mm-3.0mm	Ø1.0 mm-4.0mm	Ø1.0 mm-5.0mm	Ø1.0 mm-6.0mm
Finished Diameter	Ø10mm	Ø15mm	Ø25mm	Ø30mm
Twist Pitch	20-200mm stepless speed regulation	30-300mm stepless speed regulation	30-400mm stepless speed regulation	30-500mm stepless speed regulation
Rotation Speed	700rpm	500rpm	450rpm	300rpm
Loading Type	Hydraulic pump	Hydraulic pump	Hydraulic pump	Hydraulic pump
Traverse	Screw type	Screw type	Screw type	Screw type
Take-up Tension	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Twisting Direction	Exchange wrapping direction "S" or "Z"	Exchange wrapping direction "S" or "Z"	Exchange wrapping direction "S" or "Z"	Exchange wrapping direction "S" or "Z"
Taping Type	Longitudinal or spiral	Longitudinal or spiral	Longitudinal or spiral	Longitudinal or spiral
Taping Material	Cotton, mylar or Aluminium foil	Cotton, mylar or Aluminium foil	Cotton, mylar or Aluminium foil	Cotton, mylar or Aluminium foil
Weight	Approx 2300kg	Approx 3200kg	Approx 4200kg	Approx 5200kg



APPLICATION:

Suitable for COPPER WINDING WIRES HDMI, USB3.1, SATA,

Materials: BOPP, POLYESTER, Aluminium foil, transparent mica tape, cotton, Teflon tape

Technical parameters	
MODEL	PRV-STA-800
Pay off Motor Power	Four 1 HP gear Reduction Motors
Take up Motor Power	Hosters Motor 3HP Pair Motor 1.5HP Tranaduce Control
Take up Motor Power	2HP AC Motor, Tranaduce Control
Tap Tension Control	Electromagnetic Particles Clutch Control
Take up Tension Control	Tension Automatic Tracking
Heating Mode	Resistance Heating, Automatic Control
Rolling Unit	Axis Model

MICRO-COMPUTER COILING MACHINE

C0836, C1246, C1860, C2480



FEATURES:

- Auto-coiling wire from an extrusion line or from the pay-off machine.
- Screen touch graphic operation terminal makes it easy to operate.
- Servo motor traversing system produces coil with smooth surface.
- The machine will automatically detect the fault and give alarm.
- Can input and keep 99 types of coil data in the PLC memory.
- It is not necessary to adjust any device when change coil size to another.

Technical parameters					
Machine Model	Height(mm)	Outside Diameter O.D (mm)	Inside Diameter I.D (mm)	Cable Diameter(mm)	Rotation Speed (RPM)
C0836	40-80	180-360	120-200	0.8-6	1000
C1246	50-120	200-460	140-220	1-12	800
C1860	60-180	220-600	180-250	5-15	700
C2480	80-240	300-800	250-320	10-25	700

CIRCULAR SHAPE AUTOMATIC WRAPPING MACHINE

P70, P100, P120, P140, P180, P210

FEATURES:

- High speed coil wrapping with PVC, PE film, PP woven band or paper.
- Screen touch graphic operation terminal makes it easy to operate
- The 4 arms carrier, driven by DC motor, turns the coil smoothly for wrapping.
- Can input and keep 99 types of coil wrapping data in the PLC memory.



Technical parameters						
Machine Model	Height (mm)	Outside Dia I.D (mm)	Coil Weight (Max.)	Wrapping Material	Width of Packing Material(MM)	Thickness of Packing material(mm)
P70	30-70	140	25kg	PVC,PE Film	45	0.04-0.07
P100	50-100	150	35kg	PVC,PE Film	45	0.04-0.07
P120	70-120	160	40kg	PVC,PE Film	55	0.04-0.07
P140	70-140	180	100kg	PVC,PE Film Pp Woven Band Paper	55	0.04-0.07
P180	090-180	200	150kg	PVC,PE Film Pp Woven Band Paper	75	0.04-0.07
P210	100-210	250	200kg	PVC,PE Film Pp Woven Band Paper	75	0.04-0.07

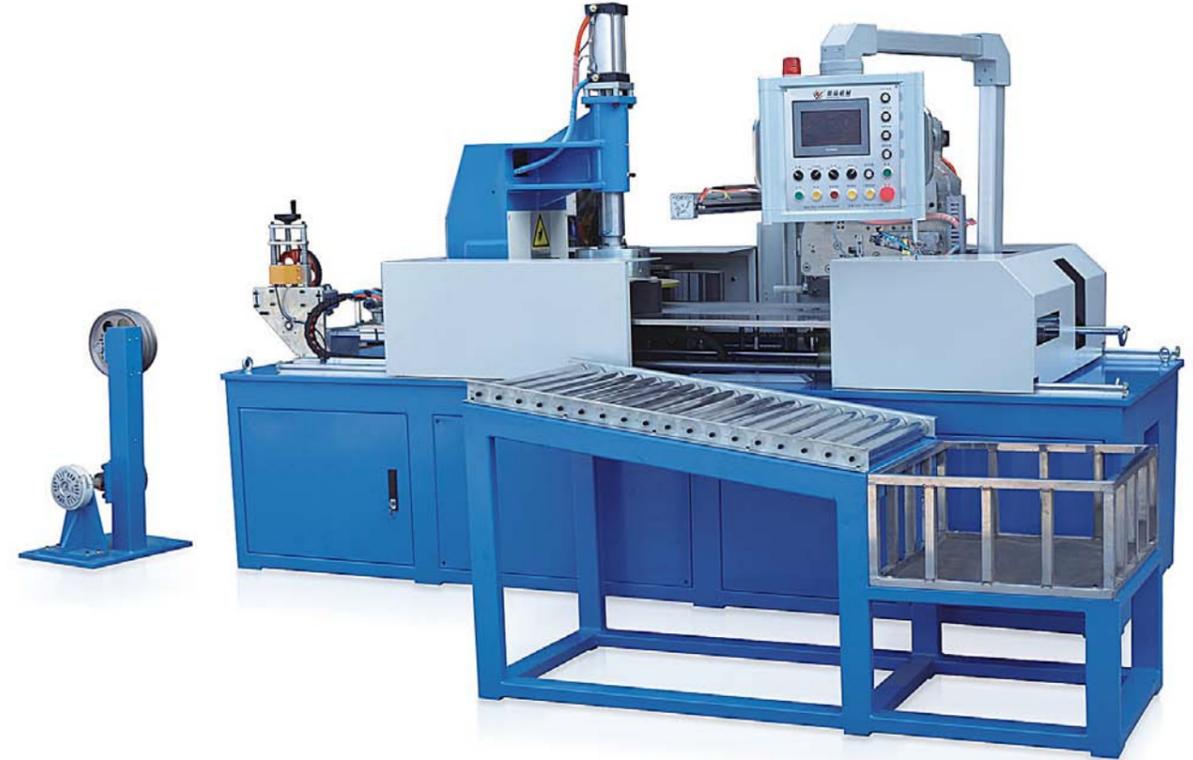
AUTOMATIC PLC COILING AND WRAPPING MACHINE

PRV-CW-1246,PRV-CW-1860



APPLICATION:

Coiling and Wrapping of wire coils.



CHARACTERISTICS:

- High efficiency coiling
- The finished product is wrapped neatly automatically.
- The utilization of this equipment drastically saves man power and processing time.
- Machine can be aligned with extrusion line or can be independently used with spool pay-off.

Technical parameters		
Model Type	PRV-CW-1246	PRV-CW-1860
Traverse Height (mm)	40-100	60-180
Coiler Max OD (mm)	Φ400	Φ600
Coiler Min OD (mm)	Φ140-200	Φ200-300
Range of Wire (mm)	Φ1-5	Φ2-16
Speed (mts/min)	200	150
Wrapping Speed (pcs/min)	2	1.5

HIGH SPEED SEMI AUTOMATIC COILING MACHINE

PRV-SAC-800

Technical parameters	
MODEL	PRV-SAC-800
Pay-Off type	Independent Pay off line
Layer arrangement	Automatic layer winding
Main Machine Rotation Speed	0-600RPM/Min
Suitable Scope	Suitable 0.5-6mm Electric wire
Pay off spool Dimension	≤φ 630mm
Motor Power	2HP (1.5KW)
Outer Diameter of coil	≤φ 310mm
Coil inside diameter	φ120mm
Coil height	30-100mm
Production capacity	700 coils/8hrs



APPLICATION:
Coiling of 0.5 to 6mm² electric wires with high efficiency and layer winding for perfect coil looks.

MICRO COMPUTER PRECISION CUTTING MACHINE

PRV-STA-800



APPLICATION:
Apply to all kinds of wires and cables to cut fixed length pieces.

CHARACTERISTIC:
Comprises of PLC micro computer, servo system, pneumatic controls, crawler tractor, meter counting device, take-up belt system, cutting wheels and wire feeding system. Each bundle is accumulated as quantity fed.

Technical parameters	
MODEL	PRV-STA-800
Application	For all kind of power cables, plug cords and harness wires and connecting cables.
Cutting Capacity	Round cable - Φ4.0mm-Φ14mm; Flat cable- 2.0 x 4.0mm ~ 11x24mm
Min. Cutting length	60mm
Cable pressure system	Pneumatic
Max. Speed	240mts /min
Length Range	600-99999mm(Max)
Cutting Precision	±3mm
Main Configuration	Dynamic wire pay off, tension stand, cutter main unit, electrical control cabinet, conveyer platform
Power	Wire Pay off machine, 2HP main unit 3HP, conveyer platform 2HP, inverter speed control

MEDIUM/ BIG CROSS-SECTION SEMI AUTOMATIC COILING MACHINE

Medium Cross-section Semi Automatic Coiling Machine



APPLICATION:
Medium cross-section automatic wire coiling machines is a high-tech product suitable for 10-70mm² single wire with less than 20 mm round jacket diameter consists of pay-off gate type frame high precision metering and coiling frame.

Big Cross-section Semi Automatic Coiling Machine



APPLICATION:
Large cross-section automatic wire coiling machines is a high-tech product suitable for 50-240mm² single wire with less than 30 mm round jacket diameter consists of pay-off gate type frame high precision metering and coiling frame.

Vertical Colour Extruder Hoist



APPLICATION:
Moveable vertical extrusion line generally used for lining purpose.

Horizontal Colour Extruder Hoist



APPLICATION:
Fixed position horizontal type extrusion line with motorised up and down hoist movement. Generally used for double layer coating, colour indication. Used with main extrusion hoist simultaneously.

TAKE-UP & PAY OFF MACHINES / COILING MACHINES

PRV-2000, PRV-2500, PRV-3150, PRV-3500, PRV-4200, PRV-4500, PRV-5000

Horizontal Double Frame Take-up Machine



APPLICATION:
It is suitable for mesh shape take up process in making data cables and for packing in boxes. It is used as supportive equipment for jacketing extrusion line.

Vertical Coiling Machine



Gate Type Take-up & Pay Off Machine



APPLICATION:
They are mainly used to roll up all kinds of cables with big diameter.

Technical parameters									
Machine Model	PRV-1250	PRV-1600	PRV-2000	PRV-2500	PRV-3150	PRV-3500	PRV-4200	PRV-4500	PRV-5000
Drum size	PN800-PN1250	PN800-PN1600	PN1000-PN2000	PN1600-PN2500	PN1600-PN3150	PN2000-PN3500	PN2000-PN4200	PN2500-PN4500	PN3000-PN5000
Coil width	600-950	600-1180	750-1500	1180-1900	1180-2300	1500-2300	1500-2400	1900-2500	1900-2500
Cable diameter	≤25	≤35	≤25	≤45	≤80	≤100	≤120	≤120	≤150
Max Load Capacity	4T	5T	10T	12T	18T	20T	25T	30T	35T
Speed(rpm)	18.8-47.6	18.8-47.6	6.2-25.6	4.9-20.6	3.3-13.8	3.3-13.8	3.3-13.8	3.3-13.8	3.3-13.8
Motor size	1.1	1.1	5.5	5.5	7.5	7.5	7.5	11	11

CRAWLER TRACTOR MACHINE

PRV-TQD-500, PRV-TQD-800, PRV-TQD-1250, PRV-TQD-1600, PRV-TQD-2000, AY-TQD-2500, PRV-TQD-3200



Technical parameters							
Model PRV-	TQD 500	TQD 800	TQD 1250	TQD 1600	TQD 2000	TQD 2500	TQD 3200
Wire size	Φ1-Φ60	Φ5-Φ80	Φ5-Φ100	Φ5-Φ120	Φ5-Φ150	Φ5-Φ180	Φ1-Φ60
Max tract. force (Kg)	500	800	1250	1600	2000	2500	3200
Speed(m/min)	0-100	0-100	0-100	0-60	0-60	0-50	0-45
Track Length (mm)	750	1300	1600	1900	2300	2300	2600
Width(MM)	80	100	120	130	150	150	160
Machine	1000	1000	1000	1000	1000	1000	1000
No. of Cylinders	3	4	5	6	7	7	8
Motor Power	5.5	5.5	7.5	11	15	15	18.5

AUXILIARY ATTACHMENTS/ ACCESSORIES



Bunchers & Extruder MACHINES




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