



Strength In Your Hand



Gujarat
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ISO 9001 : 2015 Certified Company |

Since 1987

High Speed Rope Making Machinery
Inflowline Twister Machine
Rope Coiling Machine Bobin Winder
Ply Yarn Twister



S. P. Plastomech

(Division of S. P. Power Solutions)

Manufacturer & Exporter of Rope Making Machinery

www.spplastomech.com

about us

S.P Plastomech is leading Manufacturer and Exporter of Extrusion Line Rope Making Machinery. Earlier, it was established in 1987 as "Shanta domestic home appliances pvt ltd" As manufacturer of induction motor, Domestic floor mill. And then in the year of 1996, it has started Cold Storage as "Dhruv Cold Storage". Then in 2007 it has updated as "SP Power Solutions. And then it has started Renovation & supply of steam turbine & d.g sets. And a division name of S.P Plastomech started in 2012.

SP Plastomech is one of the leading manufacturers and exporters of High Speed Rope Making Machinery, DAN Extrusion Line Machinery, Monofilament Extrusion Line Machinery, PP Tape Extrusion Line Machine, Inflowline Twister Machine, Plastic Recycling Machine, Sutli Machine, Ply Yarn Twister, Rope Coiling Machine, Bobin Winder, Mixer Machine. The offered range of machinery is designed & developed using modern technology compliance with the highest quality norms and standards. Along with this the offered range is acknowledged in the market for its features such as reliability, durability and high performance. Our personnel make sure to check the entire range on various characteristics, in order to maintain its standards throughout.

We have hired a competent team of hard working professionals, which aids us in offering an unparalleled range of products. These personnel are hired via stringent selection procedures. Our professionals make sure to keep a cordial relationship with the esteemed clients, in order to understand their exact requirements accordingly. In addition to this, our experts maintain a decorum inside the premises, by working in proximity with each other. Our personnel deliver the ordered consignment at 'customers' premises within the scheduled to attain maximum satisfaction from them. Owing to the quality based approach and wide distribution network, we are able to serve a huge client-base across the whole Gujarat, Panjab, Haryana, UP, Mumbai, Chattisgad and we are getting their fullest satisfaction.

We also have very strong global presence and have many international clients in the countries like Kenya, Zambiya etc.

Quality Control

We have always focused our striven efforts on quality, in order to ensure our swift rising in this stiff market competition. Keeping this in mind, we have constructed an advanced quality checking laboratory, which is equipped with modern machines and sophisticated technology that aid us in offering a flawless range of Rope Making Machineryes & Other Products.



Speed
& Quality
Energy efficient



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Manufacturer & Exporter of Rope Making Machinery



Power Solutions

High Speed Rope Making Machine (2mm-6mm)



Key Features

- Power Transmission by Timing Belts/ V- Belts.
- Auto Stop after Yarn Breakage to Control Wastage.
- Digital Length Counter Meter.
- Door Sensor.
- Take Up Output On M.S. Bobbin.

Technical Specification

- Rope Range 2 mm to 6 mm
- Standard Flyer RPM Max. 2300
- Rope Flyer RPM Max. 1150
- Rope Lay S / Z
- Twist Range 40 to 150 TPM
- Twist in Strand Adjustable
- Pay of package Size 250 mm Dia. x 300 mm Traverse**
- Take up capacity 12Kgs.(approx.)



PRODUCTION CAPACITY (On 100% Efficiency)

Rope Size	Prod.(Kg/Hr.)	TPM	RPM(Max)	Grm/Mtr
2 mm	3.73	90.00	1400.00	2.33
3 mm	6.93	85.00	1200.00	4.72
4 mm	15.49	67.57	1200.00	7.56
5 mm	25.00	54.00	1000.00	12.24
6 mm	39.23	45.00	900.00	16.00

Available Models:

Model No.	SPP/2-33	SPP/2-44	SPP/T2-33	SPP/T2-44
Motor Capacity	3HP/5HP	5HP	5HP	5HP
No. of Strand	3Ply	4Ply	3Ply	4Ply
No. of pay off package**	1 x 3 = 3	1 x 4 = 4	1 x 3 = 3	1 x 4 = 4

Rope Making Machine (4mm-8mm)



Key Features

- Power Transmission by Timing Belts/ V- Belts.
- Auto Stop after Yarn Breakage to Control Wastage.
- Digital Length Counter Meter.
- Door Sensor.
- Take Up Output On M.S.Bobbin.

Optional Features

- A.C. drive.
- Direct Coiling Head.
- Increased Take up capacity.

Technical Specification

- Rope Range 4 mm to 8 mm
- Standard Flyer RPM Max.1400
- Rope Flyer RPM Max.700
- Rope Lay S / Z
- Twist Range 30 to 90 TPM
- Twist in Strand Adjustable
- Pay of package Size 250 mm Dia. x 300 mm Traverse**
- Take up capacity 15Kgs.(approx.)

PRODUCTION CAPACITY (On 100% Efficiency)

Rope Size	Prod.(Kg/Hr.)	TPM	RPM(Max)	Grm/Mtr
4 mm	10.33	67.57	700	7.56
5 mm	20.18	54.05	700	12.24
6 mm	30.50	45.05	700	16.00
8 mm	62.00	33.78	600	30.05

Available Models:

Model No.	SPP/4-312	SPP/4-416	SPP/T2-33
Motor Capacity	7.5HP	7.5HP	7.5HP
No. of Strand	3Ply	4Ply	3Ply
No. of pay off package**	4 x 3 = 12	4 x 4 = 16	4 x 3 = 12



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Electronics Rope Making Machine (6mm-12mm)



Key Features

- Anti twisting unit.
- User friendly Touch Screen Display with
- PLC control.
- All parameter will be shown on Display.
- RPM/TPM & twist Factor adjustment by Display.
- Wight & meter set point.
- Direct Coiling.
- Door location warning.
- Machine lubrication warning.
- A.C. drive fault alarm indication
- Wi-Fi connectivity system for computer.
- Daily <weekly & monthly report System Direct Save in excel format)

Technical Specification

- Rope Range 6 mm to 12 mm
- Standard Flyer RPM Max.1000
- Rope Flyer RPM Max.500
- Rope Lay S / Z
- Twist Range 13 to 63 TPM
- Twist in Strand Adjustable
- Pay of package Size 250 mm Dia. x 300 mm Traverse**
- Take up capacity 25Kgs.(approx.)

Available Models:

Model No.	SPP/ E-6-318	SPP/E-4-424
Motor Capacity	7.5HP	7.5HP
No. of Strand	3Ply	4Ply
No. of pay off package**	6 x 3 = 18	6 x 4 = 24

PRODUCTION CAPACITY (On 100% Efficiency)

Rope Size	Prod.(Kg/Hr.)	TPM	RPM(Max)	Grm/Mtr
6 mm	21.79	45.05	500	16.33
8 mm	51.67	33.78	500	30.52
10 mm	90.80	27.03	450	46.25
12 mm	139.50	22.52	400	66.00



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Rope Making Machine (8mm-16mm)



Key Features

- Anti twisting unit.
- User friendly Touch Screen Display with
- PLC control.
- All parameter will be shown on Display.
- RPM/TPM & twist Factor adjustment by Display.
- Wight & meter set point.
- Direct Coiling.
- Door location warning.
- Machine lubrication warning.
- A.C. drive fault alarm indication
- Wi-Fi connectivity system for computer.
- Daily <weekly & monthly report System Direct Save in excel format)

Technical Specification

- Rope Range 8 mm to 16 mm
- Standard Flyer RPM Max.900
- Rope Flyer RPM Max.450
- Rope Lay S / Z
- Twist Range 15 to 45 TPM
- Twist in Strand Adjustable
- Pay of package Size 250 mm Dia. x 250 mm Traverse**
- Take up capacity 57Kgs.(approx.)

Available Models:

Model No.	SPP/E-8-348	SPP/E-8-440
Motor Capacity	10HP	10HP
No. of Strand	3Ply	4Ply
No. of pay off package**	16 x 3 = 48	10 x 4 = 40

PRODUCTION CAPACITY (On 100% Efficiency)

Rope Size	Prod.(Kg/Hr.)	TPM	RPM(Max)	Grm/Mtr
8 mm	46.50	33.78	450	30.00
10 mm	90.80	27.03	450	46.00
12 mm	139.50	22.52	400	66.00
14 mm	193.77	19.31	350	89.09
16 mm	248.01	16.89	300	116.36



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Inflow Line Twister



Key Features

- Direct Cheese packages Size of 150mm X 150mm OR 200 X200mm OR 250mm X250mm OR 300mm X 300mm with Tube.
- Winding tension & fine Pitch adjustment system.
- User friendly Touch Screen Display with PLC control.
- All parameter will be shown on Display.
- RPM/TPM & twist Factor adjustment by Display.
- Weight & meter set point.
- Direct Coiling.
- Door location warning.
- Machine lubrication warning.
- A.C. drive fault alarm indication
- Wi-Fi connectivity system for computer.
- Daily / weekly & monthly report System(Direct Save in excel format)



Technical Specification

- Model SPP/IE 100
- Denier Range 7500 - 100000
- Flyer Speed Max 2300 RPM
- Twist Range 20 To 120 TPM
- Lay S and Z
- Twist per Minute Twice the flyer speed
- Feeding Package Outside
- Take up capacity 10Kg. Max.
- Take up package size 300mm Dia. x 300mm Traverse x 60mm ID* (as per requirement)
- Motor 6HP, AC Motor



PRODUCTION CAPACITY (On 100% Efficiency)

Denier	Prod.(Kg/Hr.)	TPM	RPM(Max)
20000	18	30	2300
50000	36	30	1700
100000	60	30	1400

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