

QUALITY IS OUR
FAME & MOTTO



MAHESH TWISTO TECH PVT. LTD.

Mfg. & Exporter : Extrusion Plant for PP Danline, HDPE Monofilament,
PP Fibrillated Tape, Rope Making Machine & Inflow Twisters.



INFRASTRUCTURE



MD'S MESSAGE

Bakul Devani

MANAGING DIRECTOR

I am pleased to share with you that since our inception we have focussed on our marketing strengths with a strategic focus on being able partners to the Rope Industry in the country and worldwide and have registered a steady and consistent growth in our operations.

Our Company has reported growth through improved efficiencies, economies of scale and strategic decisions of providing effective Automation based product solutions to our customers.

I am proud to say that we at MTPL have been consistently investing in technology & resources to enhance the efficiency at our operation levels so that we can pass the benefit of our engineering competency and quality endeavours to our customers. Our constant endeavour is to reduce overall costs of production while continuing to offer the consumers the highest quality products at cost effective pricing.

We have expanded our boundaries by registering our prominent presence in the overseas market with the office in Europe and have planned to establish our products to foreign shores driving us to new heights of growth globally.

Our business philosophy based on delivering value to our customers constantly inspires our people to innovate, excel and set new global bench marks. Our multi-cultural work force gives us strength and provides quality products and services to the growing Rope Industry. Our great team has stood up to every challenge presented to them. They have adhered to our thoughts and plans very effectively. I congratulate them for their commitment to lead MTPL to greater heights and challenging goals.

We are also committed towards serving our customers and are mindful of their trust that they have placed on us. Our customers have been our guide for improving the QUALITY of products and making them more efficient.

We therefore remain committed to our strong philosophy

"QUALITY IS OUR FAME AND MOTTO".



EXTRUSION PLANTS

PP DANLINE EXTRUSION PLANT

MODEL	MTP/DAN 75	MTP/DAN/GF 80	MTP/DAN/GF 90	MTP/DAN/GF 110
Production Output (Kg./Hr.)	125	250	300	400
Max Line Speed (MPM)	150	180	180	180
No. of Godet Rollers	7 / 7	7 / 7	7 / 7	7 / 7
Power (Kw)	135.9	201.67	248.15	314
Weight (Approx.) Kgs.	10000	18000	19000	20000
Dimension (LxWxH in Mtr)	19.2 x 3.5 x 3.2	20 x 4.2 x 3.9	23 x 4.2 x 3.9	24.5 x 4.2 x 3.9

PP TAPELINE EXTRUSION PLANT

MODEL	MTP/TP/ 75	MTP/TP/GF 80	MTP/TP/GF 90	MTP/TP/GF 110
Production Output (Kg./Hr.)	125	250	300	400
Max Line Speed (MPM)	150	180	180	180
No. of Godet Rollers	5 / 7	5 / 7	5 / 7	5 / 7
Power (Kw)	151.1	220.17	288.55	353.85
Weight (Approx.) Kgs.	10500	19000	20000	22000
Dimension (LxWxH in Mtr)	19.2 x 3.5 x 3.2	20 x 4.2 x 3.9	23 x 4.2 x 3.9	24.5 x 4.2 x 3.9

HDPE MONOFILAMENT EXTRUSION PLANT

MODEL	MTP/MONO/75	MTP/MONO/GF 80	MTP/MONO/GF 90
Production Output (Kg./Hr.)	125	225	275
Max Line Speed (MPM)	150	150	150
No. of Godet Rollers	5 / 7	5 / 7	5 / 7
Power (Kw)	147.75	194.72	243.25
Weight (Approx.) Kgs.	9000	16500	17000
Dimension (LxWxH in Mtr)	19.2 x 3.5 x 3.2	20 x 4.2 x 3.9	23 x 4.2 x 3.9

PP CONCRETE FIBRES YARNS EXTRUSION PLANT

MODEL	MTP/CF 75	MTP/CF/GF 80	MTP/CF/GF 90	MTP/CF/GF 100	MTP/CF/GF 110
Production Output (Kg./Hr.)	125	250	300	400	500
Max Line Speed (MPM)	150	180	180	180	180
No. of Godet Rollers	7 / 7 / 7	7 / 7 / 7	7 / 7 / 7	7 / 7 / 7	7 / 7 / 7
Power (Kw)	186.4	273.17	323.15	419	435
Weight (Approx.) Kgs.	14200	22000	25000	27000	30000
Dimension (LxWxH in Mtr)	26.3 x 3.5 x 3.2	30 x 4.2 x 3.9	31.1 x 4.2 x 3.9	31.1 x 4.2 x 3.9	33 x 4.2 x 3.9

PP DANLINE EXTRUSION PLANT



MODEL	MTP/DAN 75	MTP/DAN/GF 80	MTP/DAN/GF 90	MTP/DAN/GF 110
Production Output (Kg./Hr.)**	125	250	300	400
Max Line Speed (MPM)	150	180	180	180
No. of Godet Rollers	7 / 7	7 / 7	7 / 7	7 / 7
Power (Kw)*	135.9	201.67	248.15	314
Weight (Approx.) Kgs.	10000	18000	19000	20000
Dimension (LxWxH in Mtr)	19.2 x 3.5 x 3.2	20 x 4.2 x 3.9	23 x 4.2 x 3.9	24.5 x 4.2 x 3.9

NOTE : **PRODUCTION CALCULATED WITH ROW MATERIAL HAVING MFI 3 AND ABOVE
 *POWER LOAD CALCULATED WITH MELT PUMP

KEY FEATURES:

- User friendly touch screen display with separate desk.
- All parameters and reading will be shown on display.
- Denier setting can be done from the display screen.
- Precise denier output will be shown in display.
- Recipe based operating system for easy machine operating.
- Pneumatically operated transparent safety fence guard for godet rollers.
- Emergency full length foot switches parallel to the godet length for both godets.
- Energy calculation for production and power cost on display screen.
- 3 zone pressure transmitters for precise control & denier accuracy.
- Vector speed control system for more stretching accuracy.
- Inter-locking features to avoid the damages of machine components.
- Shift wise, daily, weekly and monthly production reports.
- AC drive fault alarm indication on display.
- Wi-Fi or LAN connectivity.
- Remote monitoring / remote maintenance.
- User access with password protection.
- Extra Features for Smooth and Easy Start.

THE STANDARD EXTRUDES CONSISTS

- Hopper loader.
- Valve type screen changer with back flushing arrangement.
- Melt pump with pressure transmitter device.
- DANLINE die & head.
- Quenching tank with up-down arrangement.
- Godet-I - with 7 nos. pulleys and pneumatically operated press roller.
- Hot Air Oven With double Blower.
- Godet-II- with 7 nos. Pulleys and pneumatically Operated press rollers.
- Broken yarn suction unit.
- Electric control panel with multi-function energy meter and programmable logic control system.
- Operating desk with color resistive touch screen HMI.



PP TAPELINE EXTRUSION PLANT



MODEL	MTP/TP/ 75	MTP/TP/GF 80	MTP/TP/GF 90	MTP/TP/GF 110
Production Output (Kg./Hr.)*	125	250	300	400
Max Line Speed (MPM)	150	180	180	180
No. of Godet Rollers	5 / 7	5 / 7	5 / 7	5 / 7
Power (Kw)*	151.1	220.17	288.55	353.85
Weight (Approx.) Kgs.	10500	19000	20000	22000
Dimension (LxWxH in Mtr)	19,2 x 3,5 x 3,2	20 x 4,2 x 3,9	23 x 4,2 x 3,9	24,5 x 4,2 x 3,9

NOTE : **PRODUCTION CALCULATED WITH ROW MATERIAL HAVING MFI 3 AND ABOVE
 *POWER LOAD CALCULATED WITH MELT PUMP

KEY FEATURES:

- User friendly touch screen display with separate desk.
- All parameters and reading will be shown on display.
- Precise denier output will be shown in display.
- Recipe based operating system for easy machine operating.
- Pneumatically operated transparent safety fence guard for godet rollers.
- Emergency full length foot switches parallel to the godet length for both godets.
- Energy calculation for production and power cost on display screen.
- 3 zone pressure transmitters for precise control & denier accuracy.
- Vector speed control system for more stretching accuracy.
- Inter-locking features to avoid the damages of machine components.
- Shift wise, daily, weekly and monthly production reports.
- AC drive fault alarm indication on display.
- Wi-Fi or LAN connectivity.
- Remote monitoring / remote maintenance.
- User access with password protection.
- Extra Features for Smooth and Easy Start.

THE STANDARD EXTRUDES CONSISTS

- Hopper Loader.
- Valve type Screen Changer with back flushing arrangement.
- Melt Pump with Pressure Transmitter Device.
- T-Die with Fine Gauge Adjustments.
- Quenching Tank with Up-Down arrangement.
- Vertical type take off unit with 4 point suction arrangement.
- Godet-I • with 5 Nos. Pulleys and Pneumatically Operated Press Roller.
- Hot Air Oven with Double Blower.
- Fibrillation unit.
- Godet-II - with 7 Nos. Pulleys and Pneumatically Operated Press Rollers.
- Broken yarn Suction Unit.
- Electric Control Panel with Multi-function Energy Meter and Programmable Logic Control System.
- Operating Desk with Color Resistive Touch Screen HMI.

HDPE MONOFILAMENT EXTRUSION PLANT



MODEL	MTP/MONO/75	MTP/MONO/GF 80	MTP/MONO/GF 90
Production Output (Kg./Hr.)**	125**	225	275***
Max Line Speed (MPM)	150	150	150
No. of Godet Rollers	5 / 7	5 / 7	5 / 7
Power (Kw)*	147.75	194.72	243.25***
Weight (Approx.) Kgs.	9000	16500	17000
Dimension (LxWxH in Mtr)	19.2 x 3.5 x 3.2	20 x 4.2 x 3.9	23 x 4.2 x 3.9

NOTE : ***POWER LOAD & PRODUCTION CONSIDER WITH TWIN DIE HEAD
**PRODUCTION CALCULATED WITH ROW MATERIAL HAVING MFI 3 AND ABOVE WITH MELT PUMP
**PRODUCTION OF PE MONO CALCULATED AT 550 DENIER
*POWER LOAD CALCULATED WITH MELT PUMP

KEY FEATURES:

- User friendly touch screen display with separate desk.
- All parameters and reading will be shown on display.
- Precise denier output will be shown in display.
- Recipe based operating system for easy machine operating.
- Pneumatically operated transparent safety fence guard for godet rollers.
- Emergency full length foot switches parallel to the godet length for both godets.
- Energy calculation for production and power cost on display screen.
- 3 zone pressure transmitters for precise control & denier accuracy.
- Vector speed control system for more stretching accuracy.
- Inter-locking features to avoid the damages of machine components.
- Shift wise, daily, weekly and monthly production reports.
- AC drive fault alarm indication on display.
- Wi-Fi or LAN connectivity.
- Remote monitoring / remote maintenance.
- User access with password protection.
- Extra Features for Smooth and Easy Start.

THE STANDARD EXTRUDES CONSISTS

- Hopper Loader.
- Valve type Screen Changer with back flushing arrangement.
- Melt Pump with Pressure Transmitter Device.
- Monofilament die & head.
- Quenching Tank with Up-Down arrangement.
- Godet-I with 5 Nos. Pulleys and Pneumatically Operated Press Roller.
- Hot water tank with panel.
- Godet-II with 7 Nos. Pulleys and Pneumatically Operated Press Rollers.
- Electric Control Panel with Multi-function Energy Meter and Programmable Logic Control System.
- Operating Desk with Color Resistive Touch Screen HMI.

NOTE : ALL HDPE MONOFILAMENT EXTRUSION PLANT ALSO AVAILABLE WITH ANNEALING SYSTEM FOR STABILITY AND HIGH TENACITY.

PP CONCRETE FIBRES YARNS EXTRUSION PLANT



MODEL	MTP/CF 75	MTP/CF/GF 80	MTP/CF/GF 90	MTP/CF/GF 100	MTP/CF/GF 110
Production Output (Kg./Hr.)**	125	250	300	400	500
Max Line Speed (MPM)	150	180	180	180	180
No. of Godet Rollers	7 / 7 / 7	7 / 7 / 7	7 / 7 / 7	7 / 7 / 7	7 / 7 / 7
Power (Kw)*	186.4	273.17	323.15	419	435
Weight (Approx.) Kgs.	14200	22000	25000	27000	30000
Dimension (LxWxH in Mtr)	26.3 x 3.5 x 3.2	30 x 4.2 x 3.9	31.1 x 4.2 x 3.9	31.1 x 4.2 x 3.9	33 x 4.2 x 3.9

NOTE : **PRODUCTION CALCULATED WITH ROW MATERIAL HAVING MFI 3 AND ABOVE
*POWER LOAD CALCULATED WITH MELT PUMP

KEY FEATURES:

- User friendly touch screen display with separate desk.
- All parameters and reading will be shown on display.
- Denier setting can be done from the display screen.
- Precise denier output will be shown in display.
- Recipe based operating system for easy machine operating.
- Pneumatically operated transparent safety fence guard for godet rollers.
- Emergency full length foot switches parallel to the godet length for both godets.
- Energy calculation for production and power cost on display screen.
- 3 zone pressure transmitters for precise control & denier accuracy.
- Vector speed control system for more stretching accuracy.
- Inter-locking features to avoid the damages of machine components.
- Shift wise, daily, weekly and monthly production reports.
- AC drive fault alarm indication on display.
- Wi-Fi or LAN connectivity.
- Remote monitoring / remote maintenance.
- User access with password protection.
- Extra Features for Smooth and Easy Start.

THE STANDARD EXTRUDES CONSISTS

- Hopper loader.
- Valve type screen changer with back flushing arrangement.
- Melt pump with pressure transmitter device.
- Concrete Fibre die & head.
- Quenching tank with up-down arrangement.
- Godet-I with 7 nos. pulleys and pneumatically operated press roller.
- Hot Air Oven With double Blower.
- Godet-II with 7 nos. Pulleys and pneumatically Operated press rollers.
- Hot Air Oven with double Blower.
- Godet-III with 7 nos. Pulleys and pneumatically Operated press rollers.
- Broken yarn suction unit.
- Electric control panel with multi-function energy meter and programmable logic control system.
- Operating desk with color resistive touch screen HMI.
- Embossing unit with PLC controller.

ONLINE RING WINDER



MODEL	: MTP/ ON-RW-16/10
DENIER RANGE	: upto 17000
NUMBER OF SPINDLE	: 16 SPINDLE
SPINDLE DIA	: 24 MM
RING	: ID - 254 mm x H - 38 mm with hardened and hard chrome plated
BOLSTER	: 24 DIA middle roller with thrust bearing
LIFT SYSTEM	: REV-FWD winch type with rail motion
LIFT MOTOR	: 1.5 Kw
SPINDLE MOTOR	: 1.5 Kw with brake for each spindle
OPERATION	: Foot switch operated
SPINDLE BELT	: Nylon flat belt
SPINDLE SPEED	: 2800 RPM (Max.)
BOBBIN SIZE	: DIA-227 X TRA-300 X ID-24
WINDING TYPE	: Parallel winding on flanged bobbin
TOTAL POWER	: 25.5 Kw
DIMENSIONS (MM)	: L-6000 X W-1100 X H-2000
WEIGHT	: 3300 Kgs Approx
RING SIZE	: As per Customer Requirement

KEY FEATURES :

- Oil Tray For Protect To Drip The Oil
- Common Design For L to R or R To L Extruder
- Inbuilt Traverse Control Box For Save The Space
- Separate Electrical Wiring For Each Position
- Single Stage Structure For Easy To Install / shift
- Ring Rail Balancing By Dead Weight
- Robust Designed Structure
- Volt Meter On Panel
- Lift Overrun Protection
- Double Emergency Switch
- Easy To Operate

OPTIONAL FEATURES :

- A.C. Drive Required For 18000 to 30000 Denier

OFFLINE RING TWISTER



NO OF SPINDLES	: 48 Spindles
RING AND GUAGES	: 10" X 1.5" Ring And 14" Guage
RING HOLDER	: Aluminium Holder With Individual Oil Pot Provided
TWIST RANGE	: 20 Tpm To 80 Tpm
DIRECTION OF TWIST	: S & Z Direction Change Over Switch Provided
SPINDLE & BOLSTER	: Heavy Duty 24mm Dia Spindle With Bolsters of Dia. 24mm
LIFT	: 12" Lift With Ci Body, 4 Bearing Slide System Driven By 2 Hp Gear Motor
DELIVERY ROLLERS	: 75mm Dia Twin Roller With Hard Chrome And Dual Bearing System
TOP ROLLERS	: Rubber Coated Top Rollers With Lifting Handle
ROLLER STAND	: 4 Ball Bearing Stand With 2 Bottom Rollers And 1 Extra Width Rollers
TRAVERSE	: Ceramic Mounted Flat Bars For Thread Guide With 50mm Traverse By Worm And Wormwheel Gear System.
DRIVING PULLEY	: 10" Dia Alluminium Pulley For 2 Spindle Drive System
TENSION PULLEY	: 78mm Jockey Pulley With Tension Spring System, 2 Spindle Drive
CREEL	: Main Creel Mounted on Top of The Machine and Pipe Provided on Top Row For Proper Yarn Tension
SEPERATOR	: S.S. Sheet Provided For Each Spindle And Easily Removable
LAPPET	: Tilting Type Ci Body With Ss Hook Fitted.
ELECTRICAL	: Spindle Driven By 20hp Motor. 2nos 3hp Motor & Reduction Gear Box For Delivery Rollers. 1 Nos 2hp Motor With Helical Gear Box For Lifting.
	All Motors Synchronised With Plc Control Panel Board. TPM, RPM, Reverse & Forward Switch System Provided In Touch Screen Display Panel. All Parameters Settings By HMI Display.
	Overload Relay, Amps Mtr, Volts Mtr, Hour Mtr Provided In Panel. Motors-rotomotive/C & G Make. Gear Box-bonfiglioli Make.
MACHINE SIZE	: 32ft. Length X 6ft. Width X 8ft. Height.
SPINDLE SPEED	: 2800 RPM (Max.)
RING SIZE	: As per Customer Requirement

KEY FEATURES:

- High Speed Ring Twister Machine For Best Yarn Quality With High Productivity.
- Innovative Structure Design With Ready To Use. No Assembling Is Required.
- Tpm Setting By Hmi Display, No Need For Any Mechanical Changes.
- S & Z Twist Direction By Change Over Switch.
- Easy To Operate.
- Less Noisy, Power Cost Saving,
- Zero Vibration And Zero Maintainance

INFLOW TWISTERS AND WINDERS

DENIER RANGE	MODEL NO.
INFLOW TWISTER - DENIER - 7500 TO 100000	MTP/IE-100
4 STATION TWISTER - DENIER - 5000 TO 25000	MTP/OP-12
INFLOW TWISTER - DENIER - 7500 TO 100000 (HIGH SPEED)	MTP/HP-100
INFLOW TWISTER - DENIER - 15000 TO 200000 (HIGH SPEED)	MTP/HP-200
INFLOW TWISTER - DENIER - 30000 TO 300000 (HIGH SPEED)	MTP/HP-300
ACCUMULATOR - DENIER - 7500 TO 100000	MTP/ACC
JUMBO CHEESE WINDER - 10000 TO 150000 DENIER	MTP/CW-500
CHEESE WINDER - 5000 TO 45000 DENIER	MTP/CW-300
BOBBIN WINDER - UP TO 45000 DENIER	MTP/BW-300
BEAM WINDER	MTP/BW
COPS WINDER	MTP/CW-100

INFLOW TWISTER MTP / IE-100



MODEL

:

MTP / IE-100

DENIER RANGE

:

7,500 - 1,00,000

FLYER SPEED

:

Max. 2400 RPM

TWIST RANGE

:

20 to 120 TPM

LAY

:

S and Z

TWIST PER MINUTE

:

Twice the flyer speed

FEEDING PACKAGE

:

Outside

TAKE UP CAPACITY

:

10 Kgs. Max.

TAKE UP PACKAGE SIZE

:

300 mm Dia X 300 mm Traverse X 60 mm ID*

:

(*As per requirement)

MOTOR

:

8KW, A.c. Motor.

DIMENSION (LxWxH)

:

7'7" x 3'8" x 4'2"

WEIGHT

:

1000 Kgs. (Approx.)

- KEY FEATURES
- Direct cheese Packages size of 150mm X 150mm
OR 200mm x 200mm OR 250mm x 250mm
OR 300mm x 30mm with tube OR without tube.
 - Winding tension & fine pitch adjustment system.
 - User Friendly touch screen display with PLC control.
 - All parameters will be shown on display.
 - RPM/Twist type can be set by touch screen display.
 - Weight & meter set point.
 - Machine lubrication warning.
 - A.C. Driver fault alarm indication.
 - Production data can be stored to analyze and review.
 - Daily, weekly & Monthly report system.
(Direct save in excel format)
 - Wi-fi connectivity system for computer.

- OPTIONAL FEATURE
- Pneumatic spindle for removal of final package.
(For without tube package only)
 - Pneumatic door opening system.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

DENIER	PROD. (KG/HR.)	RPM(MAX)	TPM
20,000	21.30 kg	2400	30
50,000	40.00 kg	1800	30
1,00,000	66.00 kg	1500	30



4 STATION TWISTER MTP / OP-12



MODEL	: MTP/OP-12
DENIER RANGE	: 5000 TO 30000 DENIER
FLYER SPEED	: 2800 RPM MAX
TWIST PER MINUT	: 5600 TWIST MAX.
TWIST DIRECTION	: S & Z
YARN FLOW	: OUTSIDE
PAY OFF PACKAGE SIZE	: DIA.400 MM X TRA. 300 MM (MAX.)
PAY OFF PACK. CAPACITY	: 25 KGS (APPROX)
PACKAGE IN EACH STRAND	: 1
TPM RANGE	: 20 TO 150 TPM
FINAL PACKAGE SIZE	: 100 X 100 MM
(ANY ONE)	: 150 X 150 MM
	: 200 X 200 MM
	: 250 X 250 MM
SPINDLE	: CORELESS PNEUMATIC SPINDLE
NO OF LINE	: 4
POWER	: 17 KW

KEY FEATURES:

- User friendly touch screen display
- Tpm & Rpm Adjustment By Touch Screen Display
- Winding tension adjustment by touch screen display
- Pitch adjustment system
- Auto stop at yarn breakage
- Power transmission by timing belts
- Ac frequency drives for all motors
- Precision cross winding for final package
- Electrically winding tension adjustment
- Pneumatic spindle for removal of final package.
- Wi-Fi connectivity system for Computer.

OPTIONAL FEATURES:

- With tube Spindle

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

DENIER	PROD. (KG/HR.)	RPM(MAX)	TPM
5,000	24.89 kg	2800	50
10,000	49.78 kg	2800	40
16,000	71.20 kg	2500	40
20,000	88.80 kg	2500	35
25,000	97.50 kg	2500	35



INFLOW TWISTER MTP / HP-100



MODEL	: MTP / HP-100
DENIER RANGE	: 7500 - 1,00,000
FLYER SPEED	: Max. 3500 RPM
TWIST RANGE	: 20 to 120 TPM
LAY	: S & Z
TWIST PER MINUTE	: TWICE THE FLYER SPEED
FEEDING PACKAGE	: Outside
TAKE UP CAPACITY	: 10 Kgs. Max (For PP Materials)
TAKE UP PACKAGE SIZE	: 300mm Dia x 300mm Traverse 60mm ID* (*As per requirement)
POWER	: 8.7 K.W.
MACHINE DIMENSION (LxWxH)	: 7'0" x 4'0" x 4'6"
WEIGHT OF MACHINE WITH PANEL	: 1525 Kgs. (Approx.)

- KEY FEATURES**
- High Speed & High Performance for better production.
 - Direct cheese packages of 4 different size without tube :
150mm x 150mm / 200mm x 200mm / 250mm x 250mm / 300mm x 300mm
 - Winding tension & fine pitch adjustment system.
 - Pneumatic door opening system.
 - User Friendly touch screen display with PLC Control.
 - All parameters will be shown on display.
 - TPM, RPM, Winding Tension & Twist Direction can be set by touch screen display.
 - Weight & Meter set point.
 - Machine lubrication warning.
 - A.C. Drive fault alarm message on display.
 - Production data can be stored to analyze & review.
 - Daily, Weekly & Monthly report system.
(Direct save in excel format)
 - Pneumatic spindle for removal of final package.
 - Wi-Fi connectivity system for Computer.

- OPTIONAL FEATURES:**
- With tube Spindle

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

		DENIER	PROD. (KG/HR.)	RPM(MAX)	TPM
		10,000	15.56 kg	3500	30
		25,000	33.33 kg	3000	30
		50,000	44.44 kg	2000	30
		75,000	60.00 kg	1800	30
		1,00,000	75.56 kg	1700	30



ALSO AVAILABLE MODELS :
MTP / HP-200 UP TO 2,00,000 DENIER

INFLOW TWISTER MTP / HP-300



MODEL

:

MTP/HP-300

DENIER RANGE

:

25,000 TO 3,00,000

FLYER SPEED

:

1000 RPM MAX

TWIST PER MINUTS

:

TWICE THE FLYER SPEED

TPM RANGE

:

12 TO 80 TPM

FINAL PACKAGE SIZE

:

500 MM DIA. X 500 MM TRA.
X 110MM ID

WINDING TYPE

:

CROSS WINDING

PACKAGE

:

WITHOUT TUBE
(COLLAPSIBLE SPINDLE)

POWER

:

13 KW

TWIST DIRECTION

:

S & Z

FEEDING CAPSTAN

:

HYDRAULIC CONTROLLED

WEIGHT

:

2400 KGS

DIMENSIONS

:

L-11' 8" X W- 5' 6" X H 6'0"

- KEY FEATURES
- User Friendly touch screen display with PLC Control.

• TPM & RPM adjustment by touch screen display

• Winding tension adjustment by touch screen display

• Pitch adjustment system

• Predetermined length set point

• Auto stop at yarn breakage

• Power transmission by timing belts

• AC frequency drives for all motors

• Precision cross winding for final package

• Hydraulic feeding capstan system

• All parameters will be shown on display.

• Production data can be stored to analyse & review.

• Daily, Weekly & Monthly report system. (Direct save in excel format)

• Wi-Fi connectivity system for Computer.

• Common Spindle for both type of package i.e. with tube and without tube package.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

DENIER	PROD. (KG/HR.)	RPM(MAX)	TPM
50,000	33.33 kg	1000	20
100,000	60.00 kg	900	20
150,000	88.89 kg	800	18
200,000	103.70 kg	700	18
250,000	133.34 kg	600	15
300,000	133.32 kg	500	15

ALSO AVAILABLE MODELS : MTP / HP-500 UP TO 5,00,000 DENIER

ACCUMULATOR MTP / ACC



MODEL	: MTP / ACC
DENIER RANGE	: 7,500 to 1,00,000 Denier
LINE SPEED	: 200 MPM Max.
POWER	: 0.75 KW With A.C. Frequency Drive
YARN STORE CAPACITY	: 1200 MTR. Max.
DIMENSION (LxWxH)	: 9'0" x 5'0" x 5'1"
WEIGHT	: 500 Kgs.

KEY FEATURES

- Integrates with Inflow Twister & Extruder.
- Dancing Arm for feeding yarn compensation.
- Variable speed control.
- Easy and compact design.
- Notifies on Yarn Break.
- Feeding tension Adjustment during unwinding.

FOR POLY PROPYLENE TAPE BETWEEN
7,500 - 1,00,000 DENIER RANGE

NOTE : MODEL ALSO AVAILABLE FOR
1,50,000 DENIER & 2,00,000 DENIER.

JUMBO CHEESE WINDER MTP / CW-500

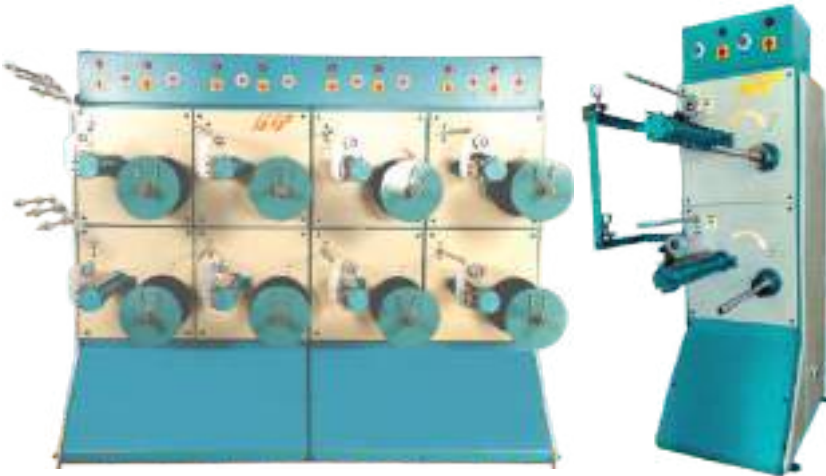
MODEL	: MTP / CW-500
PACKAGE SIZE	: 500mm Tra. X 500mm dia. X 100 mm ID on tube.
DENIER RANGE	: 10,000 to 1,50,000
MOTOR	: 3.7 KW with A.C. frequency drive.
WINDING SPEED	: 200 MPM.
WINDING TYPE	: Cheese winding with pitch adjustment.
SPEED CONTROL	: Electronic.
TRANSMISSION	: Timing belt.
DIMENSION (LxWxH)	: 2'11" x 4'11" x 4'11"
WEIGHT	: 500 kgs.

KEY FEATURES :

- Electric torque control.
- Precision cross winding.
- Online with extruder.
- Easy to operate.
- A.C. frequency drive.



BOBBIN WINDER MTP / BW



MODEL	: MTP / BW
NO. OF POSITIONS	: 2 to 16 Positions (Even)
DENIER RANGE	: Max. 45,000
WINDING	: On flange Bobbin
MOTOR	: 0.74 KW Torque Motor
WINDING SPEED MAX.	: 150 MPM Max.
PACKAGE SIZE	: 250mm Dia X 300mm Traverse*
TAKE UP CAPACITY	: 7 Kg.
DIMENSION (LxWxH)	: 6'10" X 3'6" X 6'0" (8 Position)

KEY FEATURES

- Nominal Power Consumption.
- Timing Belt Drive.
- Low Maintenance Cost.
- Electrical control for torque Adjustment.
- Each Station has individual Motor & Traverse.

NOTE : (1) Bobbin Winder for PP Tape, Monofilament & Danline.

(2) Bobbin Re-winder for Cotton, Jute, Sisal, Manila, POY, Polyester & all other natural synthetic fibre yarns.

CHEESE WINDER MTP / CW-300

MODEL	: MTP / CW-300
PACKAGE SIZE	: 400 mm Dia x 300 mm Tra. x 82 mm ID on Tube
DENIER RANGE	: 5000 to 45000 denier
WINDING SPEED	: 160 MPM Max.
WINDING TYPE	: Cheese winding
SPEED CONTROL	: Electronics
TRANSMISSION	: Timing Belts
MOTOR POWER	: 0.75 KW with AC Drive.
WEIGHT	: 1175 kgs. (8 Position)
DIMENSION (LxWxH)	: 7'7" X 3'2" X 5'5" (8 Position)

KEY FEATURES

- Electric torque control.
- Precision cross winding.
- Online with extruder.
- Easy to operate.
- A.C. Frequency drive.



COPS WINDER MTP / CW-100

MODEL	: MTP / CW-100
NO. OF POSITIONS	: Single Side / Double Side
METAL COP SIZE	: 42mm ID X 46mm OD X 480mm Length
TRAVERSE	: BI-Conical
TRAVERSE LENGTH	: 440mm Maximum
DIAMETER OF PACKAGE	: 150mm
MATERIAL WEIGHT OF PE	: Approx. 4 to 5 kg
TRAVERSE CONTROL	: 2.2 KW Motor, Driven by Inverter
MAXIMUM LINE SPEED	: 160 MPM
SPINDLE MOTOR	: 5 Kg. CM Tork
WINDING TENTION	: Controllable
SPINDLE WINDER	: AC Drive
PACKAGE SHAPE/BUILT UP	: Control by Servo Drive
MACHINE OPERATION	: with HMI



BEAM WINDER MTP / BW



MODEL	: MTP / BW
STATION	: 1
NO OF WINDING POSITION	: 2
BEAM SIZE (MAX.)	: 21" TRAVERSE X 21" DIA
(ALLUMINIUM BEAM)	
MAXIMUM TRAVERSE	: 450mm
NO. OF BEAM	: 2
BEAM WINDING MOTOR	: 3 HP TORQUE MOTOR
WINDING TENTION CONTROL	: 5 HP AC FREQUENCY DRIVE
TRAVERSE	: 1 HP GEAR MOTOR

KEY FEATURES

- Individual Length Counter For Each Beam
- Hooter For Length Counter Indication
- Traverse Stroke Length Adjustment
- Comb To Set Traverse Length
- Online Sincronisation With Extruder
- Option To Reduce Line Speed While Change Over of Beam

MECHANICAL ROPE MAKING MACHINE

ROPE SIZE RANGE	(3 PLY)		(4 PLY)	
	PAY OFF PACKAGE	MODEL NO.	PAY OFF PACKAGE	MODEL NO.
2MM TO 5MM	1 X 3 = 3	MTP/2A-33	1 X 4 = 4	MTP/2A-44
2MM TO 6MM	2 X 3 = 6	MTP/2-36	2 X 4 = 8	MTP/2-48
2MM TO 6MM	3 X 3 = 9	MTP/2-39	3 X 4 = 12	MTP/2-412
4MM TO 8MM	6 X 3 = 18	MTP/4-318	6 X 4 = 24	MTP/4-424
4MM TO 8MM	8 X 3 = 24	MTP/4-324	8 X 4 = 32	MTP/4-432
6MM TO 12MM	10 X 3 = 30	MTP/6-330	10 X 4 = 40	MTP/6-440
6MM TO 12MM	12 X 3 = 36	MTP/6-336	12 X 4 = 48	MTP/6-448
8MM TO 16MM	16 X 3 = 48	MTP/8-348	16 X 4 = 64	MTP/8-464

MECHANICAL ROPE MAKING MACHINE MTP / 2A

MODEL : MTP / 2A
ROPE RANGE : 2 mm to 5 mm
STRAND FLYER RPM : Max. 2800
ROPE FLYER RPM : Max. 1400
TWIST PER MINUTE : Twice The Flyer Speed
ROPE LAY : Z
TWIST RANGE : 40 to 150 TPM
PAY OFF PACKAGE SIZE : 250 mm Dia. X
300 mm Tra.
TAKE UP CAPACITY : 7 Kgs. (Approx)

- KEY FEATURES:**
- Power transmission by timing 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. frequency drive.
 - Rope Lay S & Z

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	RPM (MAX)	TPM	GRM/MTR
2mm	3.73 kg	1400	90.00	2.00
3mm	8.08 kg	1400	85.00	4.09
4mm	16.78 kg	1300	67.57	7.27
5mm	30.27 kg	1200	54.05	11.36

AVAILABLE MODELS	MTP/2A-33	MTP/2A-44
Motor Capacity	5.6 KW	7.5 KW
Number of Strand	3 Ply	4 Ply
Number of pay off package	1 x 3 = 3	1 x 4 = 4
Dimension (L x W x H)	10'9 x 4'6 x 4'8"	10'9" x 4'6" x 4'8"
Weight (Approx.)	1,000 kgs.	1200 Kgs.



MECHANICAL ROPE MAKING MACHINE MTP / 2

MODEL : MTP / 2
ROPE RANGE : 2mm to 6mm
STRAND FLYER RPM : Max. 2500
ROPE FLYER RPM : Max. 1250
ROPE LAY : Z
TWIST RANGE : 40 to 150 TPM
TWIST IN STRAND : Adjustable
PAY OFF PACKAGE SIZE : 250 mm Dia.
TAKE UP CAPACITY : X 300 mm Tra.
: 12 Kgs. (Approx.)

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX.)	GRM/MTR
2mm	3.33 kg	90.00	1250	2.00
3mm	6.93 kg	85.00	1200	4.09
4mm	15.49 kg	67.57	1200	7.27
5mm	25.22 kg	54.05	1000	11.36
6mm	39.23 kg	45.04	900	16.36

- KEY FEATURES:**
- Power transmission by timing 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. frequency drive.
 - Direct coiling head.
 - Rope Lay S & Z.

AVAILABLE MODELS	MTP/2-36	MTP/2-48	MTP/2-39	MTP/2-412
Motor Capacity	7.5 KW	9 KW	7.5 KW	9 KW
Number of Strand	3 Ply	4 Ply	3 Ply	4 Ply
Number of pay off package	2 x 3 = 6	2 x 4 = 8	3 x 3 = 9	3 x 4 = 12
Dimension (L x W x H)	15'6" x 4'9" x 5'9"	15'6" x 4'9" x 5'9"	16'6" x 4'9" x 5'9"	16'6" x 4'9" x 5'9"
Weight (Approx.)	1,800 kgs.	2000 Kgs.	1900 Kgs.	2100 Kgs.

MECHANICAL ROPE MAKING MACHINE MTP / 4



MODEL : MTP / 4
ROPE RANGE : 4 mm to 8 mm
STAND FLYER RPM : Max. 1600
ROPE FLYER RPM : Max. 800
ROPE LAY : Z
TWIST RANGE : 30 to 90 TPM
TWIST IN STRAND : Adjustable
PAY OFF PACKAGE SIZE : 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY : 15 Kgs. (Approx.)

- KEY FEATURES:**
- Anti twisting unit.
 - Power transmission by timing belts.
 - Digital length counter meter.
 - Door sensor.
 - Take up output on M.S. bobbin.
 - A.C. frequency drive.

- OPTIONAL FEATURES:**
- Feeding capstan mechanism.
 - Direct coiling head.
 - Rope Lay S & Z.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
4mm	10.33 kg	67.57	800	07.27
5mm	20.18 kg	54.05	800	11.36
6mm	30.50 kg	45.05	700	16.36
8mm	62.00 kg	33.78	600	29.09

AVAILABLE MODELS	MTP/4-318	MTP/4-424	MTP/4-324	MTP/4-432
Motor Capacity	11 KW	15 KW	11 KW	15 KW
Number of Strand	3 Ply	4 Ply	3 Ply	4 Ply
Number of pay off package	6 X 3 = 18	6 X 4 = 24	8 X 3 = 24	8 X 4 = 32
Dimension (L x W x H)	18'1" x 7'1" x 7'5"	18'1" x 7'1" x 7'5"	19'5" x 7'1" x 7'5"	19'5" x 7'1" x 7'5"
Weight (Approx.)	3300 Kgs.	3500 Kgs.	3500 Kgs.	3700 Kgs.

MECHANICAL ROPE MAKING MACHINE MTP / 6



MODEL : MTP / 6
ROPE RANGE : 6 mm to 12 mm
STRAND FLYER RPM : Max. 1000
ROPE FLYER RPM : Max. 500
ROPE LAY : Z
TWIST RANGE : 13 to 63 TPM
TWIST IN STRAND : Adjustable
PAY OFF PACKAGE SIZE : 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY : 25 Kgs. (Approx.)

- KEY FEATURES:**
- Anti twisting unit.
 - Power transmission by timing belts.
 - Digital length counter meter.
 - Door sensor.
 - Take up output on M.S. bobbin.
 - A.C. frequency drive.

- OPTIONAL FEATURES:**
- Feeding capstan mechanism.
 - Direct coiling head.
 - Rope Lay S & Z.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX.)	GRM/MTR
6mm	21.79 kg	45.05	500	16.36
8mm	51.67 kg	33.78	500	29.09
10mm	90.80 kg	27.03	450	45.45
12mm	139.50 kg	22.52	400	65.45

AVAILABLE MODELS	MTP/6-330	MTP/6-440	MTP/6-336	MTP/6-448
Motor Capacity	11 KW	15 KW	11 KW	15 KW
Number of Strand	3 Ply	4 Ply	3 Ply	4 Ply
Number of pay off package	10 X 3 = 30	10 X 4 = 40	12 X 3 = 36	12 X 4 = 48
Dimension (L x W x H)	22'3" x 7'1" x 7'5"	22'3" x 7'1" x 7'5"	23'2" x 7'1" x 7'5"	23'2" x 7'1" x 7'5"
Weight(Approx.)	4200 Kgs.	4500 Kgs.	4400 Kgs.	4700 Kgs.

MECHANICAL ROPE MAKING MACHINE MTP / 8



MODEL : MTP / 8
ROPE RANGE : 8 mm to 16 mm
STRAND FLYER RPM : Max. 900
ROPE FLYER RPM : Max. 450
ROPE LAY : Z
TWIST RANGE : 15 to 45 TPM
TWIST IN STRAND : Adjustable
PAY OFF PACKAGE SIZE : 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY : 57 Kgs. (Approx.)

- KEY FEATURES:**
- Anti twisting unit.
 - Power transmission by timing belts.
 - Digital length counter meter.
 - Door sensor.
 - Take up output on M.S. bobbin.
 - A.C. frequency drive.
- OPTIONAL FEATURES:**
- Feeding capstan mechanism.
 - Direct coiling head.
 - Ele. Wire hoist for removal of final package.
 - Rope Lay S & Z.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
8mm	46.50 kg	33.78	450	29.09
10mm	90.80 kg	27.03	450	45.45
12mm	139.50 kg	22.52	400	65.45
14mm	193.77 kg	19.31	350	89.09
16mm	248.01 kg	16.89	300	116.36

AVAILABLE MODELS	MTP/8-348	MTP/8-464
Motor Capacity	15 KW	15 KW
Number of Strand	3 Ply	4 Ply
Number of pay off package	16 X 3 = 48	16 X 4 = 64
Dimension (L x W x H)	27'5"x 7'2" x 7'2"	27'5" x 7'2" x 7'2"
Weight(Approx.)	6000 Kgs.	6500 Kgs.

ELECTRONIC ROPE MAKING MACHINE

ROPE SIZE RANGE	(3 PLY)		(4 PLY)	
	PAY OFF PACKAGE	MODEL NO.	PAY OFF PACKAGE	MODEL NO.
2MM TO 6MM	3 X 3 = 9	MTP/E-2-39	3 X 4 = 12	MTP/E-2-412
3MM TO 8MM	7 X 3 = 21	MTP/E-3-321	7 X 4 = 28	MTP/E-3-428
6MM TO 12MM	12 X 3 = 36	MTP/E-6-336	12 X 4 = 48	MTP/E-6-448
8MM TO 16MM	16 X 3 = 48	MTP/E-8-348	16 X 4 = 64	MTP/E-8-464
12MM TO 24MM	20 X 3 = 60	MTP/E-12-360	20 X 4 = 80	MTP/E-12-480
12MM TO 32MM	26 X 3 = 78	MTP/E-12A-378	26 X 4 = 104	MTP/E-12A-4104
16MM TO 40MM	32 X 3 = 96	MTP/E-16-396	32 X 4 = 128	MTP/E-16-4128
16MM TO 44MM	40 X 3 = 120	MTP/E-16A-3120	40 X 4 = 160	MTP/E-16A-4160
20MM TO 54MM	50 X 3 = 150	MTP/E-20-3150	50 X 4 = 200	MTP/E-20-4200

ELECTRONIC ROPE MAKING MACHINE MTP / E-2



MODEL	: MTP / E-2
ROPE RANGE	: 2mm to 6mm
STRAND FLYER RPM	: Max. 3000
ROPE FLYER RPM	: Max. 1500
ROPE LAY	: Z
TWIST PER MINUTE	: Twice the Flyer Speed
TWIST RANGE	: 40 to 150 TPM
TWIST IN STRAND	: Adjustable
PAY OF PACKAGE SIZE	: 250 mm Dia. X 300 mm Tra. (3 Packages per Ply) : 400 mm Dia. X 300 mm Tra. (2 Packages per Ply)
TAKE UP CAPACITY	: 12 Kgs. (Approx.)

KEY FEATURES :

- User friendly touch screen display with PLC control.
- All parameters will be shown on display.
- RPM/TPM & twist factor adjustment by display.
- Weight & Meter set point.
- Denier & twisting calculator in display.
- Door location warning.
- Machine lubrication warning.
- A.C. drive fault alarm indication.
- 100 program memory storage facility.
- Daily, weekly & monthly report system.
(Direct save in excel format)
- Direct Coiling Head
- Wi-Fi connectivity system for computer.

OPTIONAL FEATURES :

- Rope Lay S & Z.
- Final take up on cheese package formation.
Option : 200 mm x 200 mm, 250 mm x 250 mm
300 mm x 300 mm, 350 mm x 350 mm
- Electrical Take up system.
- Pneumatic Spindle for Package Removal System.



PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PRODUCTION (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
2 mm	4.00 kg	90.00	1500	2.00
3 mm	7.80 kg	85.00	1350	4.09
4 mm	15.49 kg	67.57	1200	7.27
5 mm	25.22 kg	54.05	1000	11.36
6 mm	39.23 kg	45.04	900	16.36

AVAILABLE MODELS	MTP/E-2-39	MTP/E-2-412
Motor Capacity	13 KW	15 KW
Number of Strand	3 Ply	4 Ply
Number of pay of package	3 x 3 = 9	3 x 4 = 12
Dimension (L x W x H)	16'6" x 4'9" x 5'9"	16'6" x 4'9" x 5'9"
Weight (Approx.)	3400 Kgs.	3700 Kgs.

ELECTRONIC ROPE MAKING MACHINE MTP / E-3



MODEL : MTP / E-3
ROPE RANGE : 3mm to 8mm
STAND FLYER RPM : Max. 2400
ROPE FLYER RPM : Max. 1200
ROPE LAY : Z
TWIST PER MINUTE : Twice the Flyer Speed
TWIST RANGE : 30 to 100 TPM
TWIST IN STRAND : Adjustable
PAY OF PACKAGE SIZE : 230 mm Dia. X 300 mm Traverse**
TAKE UP CAPACITY : 15 Kgs. (Approx)

- KEY FEATURES:**
- Anti twisting unit.
 - User friendly touch screen display with PLC control.
 - All parameters will be shown on display.
 - RPM/TPM & twist factor adjustment by display.
 - Weight & Meter set point.
 - Denier & twisting calculator in display.
 - Door location warning.
 - Machine lubrication warning.
 - A.C. drive fault alarm indication.
 - 100 program memory storage facility.
 - Daily, weekly & monthly report system (Direct save in excel format)
 - Direct Coiling Head
 - Wi-Fi connectivity system for computer.

- OPTIONAL FEATURES:**
- Rope Lay S & Z.
 - Final take up on cheese package formation.
 - Options : 200 mm x 200 mm, 250 mm x 250 mm
300 mm x 300 mm, 350 mm x 350 mm
 - Electrical Take up System.
 - Pneumatic Spindle for Package Removal System.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
3mm	6.93 kg	85.00	1200	04.09
4mm	15.49 kg	67.57	1200	07.27
5mm	25.22 kg	54.05	1000	11.36
6mm	30.50 kg	45.05	700	16.36
8mm	62.00 kg	33.78	600	29.09

AVAILABLE MODELS	MTP/E-3-321	MTP/E-3-428
Motor Capacity	13.5 KW	17 KW
Number of Strand	3 Ply	4 Ply
Number of pay off package	7 x 3 = 21	7 x 4 = 28
Dimension (L x W x H)	19'6" x 5'10" x 7'6"	19'6" x 5'10" x 7'6"
Weight (Approx.)	4600 Kgs.	5000 Kgs.

ELECTRONIC ROPE MAKING MACHINE MTP / E-6



MODEL : MTP / E-6
ROPE RANGE : 6mm to 12mm
STAND FLYER RPM : Max. 1000
ROPE FLYER RPM : Max. 500
TWIST PER MINUTE : Twice the flyer speed
ROPE LAY : Z
TWIST RANGE : 13 to 63 TPM
TWIST IN STRAND : Adjustable
PAY OF PACKAGE SIZE : 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY : 25 Kgs. (Approx)



- KEY FEATURES:**
- Anti twisting unit.
 - User friendly touch screen display with PLC control.
 - All parameters will be shown on display.
 - RPM/TPM & twist factor adjustment by display.
 - Weight & Meter set point.
 - Direct coiling head.
 - Denier & twisting calculator in display.
 - Door location warning.
 - Machine lubrication warning.
 - A.C. drive fault alarm indication.
 - 100 program memory storage facility.
 - Daily, weekly & monthly report system (Direct save in excel format)
 - Wi-Fi connectivity system for computer.

- OPTIONAL FEATURES:**
- Feeding capstan mechanism.
 - Rope Lay S & Z.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
6mm	21.79 kg	45.05	500	16.36
8mm	51.67 kg	33.78	500	29.09
10mm	90.80 kg	27.03	450	45.45
12mm	139.50 kg	22.52	400	65.45

AVAILABLE MODELS	MTP/E-6-336	MTP/E-6-448
Motor Capacity	13.5 KW	17 KW
Number of Strand	3 Ply	4 Ply
Number of pay off package	12 X 3 = 36	12 X 4 = 48
Dimension (L x W x H)	23'9" x 7'1"x 7'5"	23'9" x 7'1" x 7'5"
Weight (Approx.)	4000 Kgs.	4310 Kgs.

ELECTRONIC ROPE MAKING MACHINE MTP / E-8



MODEL : MTP/E-8
ROPE RANGE : 8mm to 16mm
STAND FLYER RPM : Max. 900
ROPE FLYER RPM : Max. 450
ROPE LAY : Z
TWIST RANGE : 15 to 45 TPM
TWIST IN STRAND : Adjustable
PAY OFF PACKAGE SIZE : 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY : 57 Kgs. (Approx)



- KEY FEATURES:**
- Anti twisting unit.
 - User friendly touch screen display with PLC control.
 - All parameters will be shown on display.
 - RPM/TPM & twist factor adjustment by display.
 - Weight & Meter set point.
 - Direct coiling head.
 - Denier & twisting calculator in display.
 - Door location warning.
 - Machine lubrication warning.
 - A.C. drive fault alarm indication.
 - 100 program memory storage facility.
 - Daily, weekly & monthly report system (Direct save in excel format)
 - Wi-Fi connectivity system for computer.

- OPTIONAL FEATURES:**
- Feeding capstan mechanism.
 - Ele. Wire hoist for removal of final package.
 - Rope Lay S & Z.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX.)	GRM/MTR
8mm	46.50 kg	33.78	450	29.09
10mm	90.80 kg	27.03	450	45.45
12mm	139.50 kg	22.52	400	65.45
14mm	193.77 kg	19.31	350	89.09
16mm	248.01 kg	16.89	300	116.36

AVAILABLE MODELS	MTP/E-8-348	MTP/E-8-464
Motor Capacity	18.5 kw	20.5 kW
Number of Strand	3 Ply	4 Ply
Number of pay off package	16 x 3 = 48	16 x 4 = 64
Dimension (L x W x H)	29' x 7'2" x 7'2"	29" x 7'2" x 7'2"
Weight (Approx.)	6300 kgs.	6500 Kgs.

ELECTRONIC ROPE MAKING MACHINE MTP / E-12



MODEL : MTP / E-12
 ROPE RANGE : 12mm to 24mm
 STAND FLYER RPM : Max. 500
 ROPE FLYER RPM : Max. 250
 TWIST RANGE : 7 to 32 TPM
 TWIST PER MINUTE : Twice the flyer speed
 ROPE LAY : Z
 TWIST IN STRAND : Adjustable
 PAY OFF PACKAGE SIZE : 250 mm Dia. X 300 mm Tra.
 TAKE UP CAPACITY : 60 Kgs. (Approx)



- KEY FEATURES:**
- Anti twisting unit.
 - User friendly touch screen display with PLC control.
 - All parameters will be shown on display.
 - RPM/TPM & twist factor adjustment by display.
 - Weight & Meter set point.
 - Direct coiling head.
 - Denier & twisting calculator in display.
 - Door location warning.
 - Machine lubrication warning.
 - A.C. drive fault alarm indication.
 - 100 program memory storage facility.
 - Daily, weekly & monthly report system (Direct save in excel format)
 - Electrical Take up system
 - Feeding capstan mechanism.
 - Wi-Fi connectivity system for computer.

- OPTIONAL FEATURES:**
- Ele. wire hoist for removal of final package
 - Rope Lay S & Z.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

SIZE	PROD. (KG/HR.)	TPM	RPM (MAX.)	GRM/MTR
12mm	87.20 kg	22.52	250	65.45
14mm	138.41 kg	19.31	250	89.09
16mm	206.68 kg	16.89	250	116.36
18mm	264.73 kg	15.02	225	147.27
20mm	363.37 kg	13.51	225	181.82
22mm	429.26 kg	12.29	200	220.00
24mm	417.05 kg	11.26	150	261.82

AVAILABLE MODELS	MTP/E-12-360	MTP/E-12-480
Motor Capacity	22 kw	22 kW
Number of Strand	3 Ply	4 Ply
Number of pay off package	20 x 3 = 60	20 x 4 = 80
Dimension (L x W x H)	33' 5" x 7'3" x 7'5"	33"5" x 7'3" x 7'5"
Weight (Approx.)	7000 kgs.	7500 Kgs.

ELECTRONIC ROPE MAKING MACHINE MTP / E-12A



MODEL	: MTP / E-12A
ROPE RANGE	: 12 mm to 32 mm
STRAND FLYER RPM	: Max. 450
ROPE FLYER RPM	: Max. 225
TWIST RANGE	: 6 to 30 TPM
TWIST PER MINUTE	: Twice the flyer speed
ROPE LAY	: Z
TWIST IN STRAND	: Adjustable
PAY OFF PACKAGE SIZE	: 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY	: 132 Kgs. (Approx)

KEY FEATURES:

- Anti twisting unit.
- Feeding capstan mechanism
- User friendly touch screen display with PLC control.
- All parameters will be shown on display.
- RPM/TPM & twist factor adjustment by display.
- Weight & Meter set point.
- Direct coiling head.
- Denier & twisting calculator in display.
- Door location warning.
- Machine lubrication warning.
- A.C. drive fault alarm indication.
- 100 program memory storage facility.
- Daily, weekly & monthly report system
- (Direct save in excel format)
- Electrical Take up system
- Ele. Wire hoist for removal of final package.
- Wi-Fi connectivity system for computer.

OPTIONAL FEATURES:

- Rope Lay S & Z.

AVAILABLE MODELS	MTP/E-12A-378	MTP/E-12A-4104
Motor Capacity	32 kw	32 kW
Number of Strand	3 Ply	4 Ply
Number of pay off package	26 x 3 = 78	26 x 4 = 104
Dimension (L x W x H)	38' x 7'3" x 7'5"	38" x 7'3" x 7'5"
Weight (Approx.)	9200 kgs.	9800 Kgs.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE DIA.	PROD. (KG/HR.)	TPM	RPM	GRM/MTR
12mm	78.47 kg	22.5	225	065.45
14mm	124.57 kg	19.3	225	089.09
16mm	165.34 kg	16.9	200	116.36
18mm	235.32 kg	15.0	200	147.27
20mm	282.62 kg	13.5	175	181.82
22mm	375.92 kg	12.3	175	220.00
24mm	417.05 kg	11.3	150	261.82
26mm	460.91 kg	10.4	130	307.27
28mm	484.94 kg	09.7	110	356.36
30mm	599.33 kg	09.0	110	409.09
32mm	620.60 kg	09.0	100	465.45

ELECTRONIC ROPE MAKING MACHINE MTP / E-16



AVAILABLE MODELS	MTP/E16-396	MTP/E16-4128
Motor Capacity	41 KW	41 KW
Number of Strand	3 Ply	4 Ply
Number of pay off package	32 x 3 = 96	32 x 4 = 128
Dimension (L x W x H)	40'5" x 7'3" x 7'5"	40'5" x 7'3" x 7'5"
Weight (Approx.)	12,500 kgs.	13,100 Kgs.



MODEL	: MTP / E-16
ROPE RANGE	: 16 mm to 40 mm
STAND FLYER RPM	: Max. 350
ROPE FLYER RPM	: Max. 175
TWIST RANGE	: 6 to 25 TPM
TWIST PER MINUTE	: Twice the flyer speed
ROPE LAY	: Z
PAY OFF PACKAGE SIZE	: 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY	: 175 Kgs. (Approx)

KEY FEATURES:

- Anti twisting unit.
- Feeding capstan mechanism.
- User friendly touch screen display with PLC control.
- All parameters will be shown on display.
- RPM/TPM & twist factor adjustment by display.
- Weight & Meter set point.
- Direct coiling head.
- Denier & twisting calculator in display.
- Door location warning.
- Machine lubrication warning.
- A.C. drive fault alarm indication.
- 100 program memory storage facility.
- Daily, weekly & monthly report system (Direct save in excel format)
- Electrical take up system.
- Ele. wire hoist for removal of final package.
- Wi-Fi connectivity system for computer.

OPTIONAL FEATURES:

- Rope Lay S & Z.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

SIZE	PROD. (KG/HR.)	TPM	RPM (MAX.)	GRM/MTR
14mm	96.88 kg	19.31	175	89.09
16mm	144.67 kg	16.89	175	116.36
18mm	205.90 kg	15.02	175	147.27
20mm	242.25 kg	13.51	150	181.82
22mm	322.21 kg	12.29	150	220.00
24mm	418.54 kg	11.26	150	261.82
26mm	425.45 kg	10.40	120	307.27
28mm	443.14 kg	9.65	100	356.36
30mm	544.85 kg	9.01	100	409.09
32mm	660.99 kg	8.45	100	465.45
34mm	598.61 kg	7.90	75	525.45
36mm	584.37 kg	7.50	62	589.09
38mm	668.95 kg	7.10	62	656.36
40mm	641.71 kg	6.80	50	727.27

ELECTRONIC ROPE MAKING MACHINE MTP / E-16A



AVAILABLE MODELS	MTP/E-16A-3120	MTP/E-16A-4160
Motor Capacity	41 kw	41 kW
Number of Strand	3 Ply	4 Ply
Number of pay off package	40 x 3 = 120	40 x 4 = 160
Dimension (L x W x H)	47'5" x 7'3" x 7'5"	47'5" x 7'3" x 7'5"
Weight (Approx.)	12500 kgs.	13500 kgs.

MODEL	: MTP / E-16A
ROPE RANGE	: 16 mm to 44 mm
STAND FLYER RPM	: Max. 300
ROPE FLYER RPM	: Max. 150
ROPE LAY	: Z
TWIST RANGE	: 6 to 25 TPM
TWIST PER MINUTE	: Twice the flyer speed
TWIST IN STRAND	: Adjustable
PAY OFF PACKAGE SIZE	: 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY	: 200 Kgs. (Approx.)

KEY FEATURES:

- Anti twisting unit.
- Feeding capstan mechanism.
- User friendly touch screen display with PLC control.
- All parameters will be shown on display.
- RPM/TPM & twist factor adjustment by display.
- Weight & Meter set point.
- Direct coiling head.
- Denier & twisting calculator in display.
- Door location warning.
- Machine lubrication warning.
- A.C. drive fault alarm indication.
- 100 program memory storage facility.
- Daily, weekly & monthly report system (Direct save in excel format)
- Ele. Wire hoist for removal of final package.
- Electrical take up system.
- Wi-Fi connectivity system for computer.

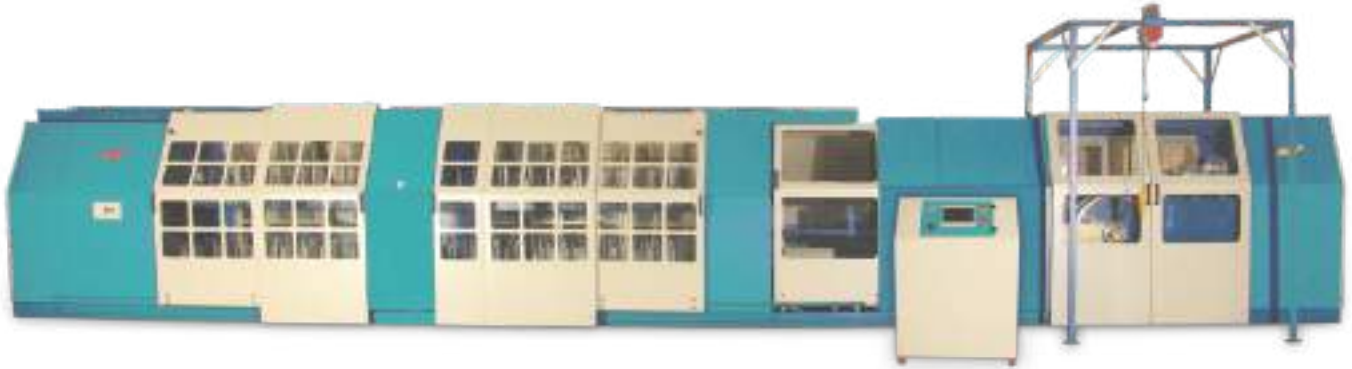
OPTIONAL FEATURES:

- Rope Lay S & Z.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

SIZE	PROD. (KG/HR.)	TPM	RPM (MAX.)	GRM/MTR
16mm	124.00 kg	16.89	150	116.36
18mm	176.49 kg	15.02	150	147.27
20mm	242.25 kg	13.51	150	181.82
22mm	322.21 kg	12.29	150	220.00
24mm	418.54 kg	11.26	150	261.82
26mm	425.45 kg	10.40	120	307.27
28mm	443.14 kg	9.65	100	356.36
30mm	544.85 kg	9.01	100	409.09
32mm	660.99 kg	8.45	100	465.45
34mm	598.61 kg	7.90	75	525.45
36mm	574.16 kg	7.50	60	589.09
38mm	665.60 kg	7.10	60	656.36
40mm	641.71 kg	6.80	50	727.27
42mm	751.70 kg	6.40	50	801.82
44mm	865.57 kg	6.10	50	880.00

ELECTRONIC ROPE MAKING MACHINE MTP / E-20



AVAILABLE MODELS	MTP/E-20-3150	MTP/E-20-4200
Motor Capacity	40 KW	40 KW
Number of Strand	3 Ply	4 Ply
Number of pay off package	50 x 3 = 150	50 x 4 = 200
Dimension (L x W x H)	52'7" x 7'5" x 7'5"	52'7" x 7'5" x 7'5"

MODEL	: MTP/E-20
ROPE RANGE	: 20 mm to 54
STRAND FLYER RPM	: Max. 250
ROPE FLYER RPM	: Max. 125
TWIST RANGE	: 5 to 15 TPM
TWIST PER MINUTE	: Twice the flyer speed
ROPE LAY	: Z
TWIST IN STAND	: Adjustable
PAY OF PACKAGE SIZE	: 250 mm Diameter x 300 mm Traverse**
TAKE UP CAPACITY	: 350 Kgs.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX.)	GRM/MTR
20mm	201.87 kg	13.51	125	181.82
22mm	268.51 kg	12.29	125	220.00
24mm	348.50 kg	11.26	125	261.82
26mm	390.00 kg	10.40	110	307.27
28mm	443.14 kg	9.65	100	356.36
30mm	544.85 kg	9.01	100	409.09
32mm	660.99 kg	8.45	100	465.45
34mm	598.61 kg	7.90	75	525.45
36mm	656.52 kg	7.50	60	589.09
38mm	665.60 kg	7.10	60	656.36
40mm	641.71 kg	6.80	50	727.27
42mm	751.70 kg	6.40	50	801.82
44mm	868.57 kg	6.10	50	880.00
46mm	983.12 kg	5.87	50	961.82
48mm	1122.07 kg	5.60	50	1047.27
50mm	1262.62 kg	5.40	50	1136.36
52mm	1418.18 kg	5.20	50	1229.09
54mm	1590.54 kg	5.00	50	1325.45

KEY FEATURES:

- Anti Twisting Unit.
- Feeding Capstan Mechanism.
- User Friendly touch screen display with PLC Control.
- All parameters will be shown on display.
- RPM/Twist type can be set by display.
- Weight & meter set point.
- Direct Coiling Head
- Denier & twisting calculator in display.
- Door location warning.
- Machine lubrication warning.
- A.C. Drive fault alarm indication.
- 100 program memory storage facility.
- Daily, Weekly & Monthly report system.
(Direct same in excel format)
- Ele. Wire hoist for removal of final package
- Electrical take up system.
- Wi-Fi connectivity system for computer.

OPTIONAL FEATURES:

- Rope Lay S & Z.

ENDLESS ROPE MAKING MACHINE

ROPE SIZE RANGE	(4 PLY)	
	PAY OFF PACKAGE	MODEL NO.
2MM TO 6MM	2 X 3 = 6	MTP/2-E-36
2MM TO 6MM	2 X 4 = 8	MTP/2-E-48
6MM TO 12MM	10 X 4 = 40	MTP/6-E-440
8MM TO 16MM	16 X 4 = 64	MTP/8-E-464
12MM TO 24MM	20 X 4 = 80	MTP/12-E-480
16MM TO 32MM	26 X 4 = 104	MTP/16-E-4104
16MM TO 44MM	40 X 4 = 160	MTP/16A-E-4160

ENDLESS ROPE MAKING MACHINE MTP/2-E



AVAILABLE MODELS	MTP/2-E-36	MTP/2-E-48
Motor Capacity	22.2 KW	22.2 KW
Number of Strand	3 Ply	4 Ply
Number of pay of package	2 x 3 = 6	2 x 4 = 8
Dimension (L x W x H)	11'8" x 7'0" x 7'1"	11'8" x 7'0" x 7'1"
Weight (Approx.)	3000 kgs.	3500 Kgs.

MODEL	: MTP / 2E
ROPE RANGE	: 2 mm to 6 mm
TWIST RANGE	: 40 to 150 TPM
STRAND FLYER RPM	: Max. 2400
ROPE FLYER RPM	: Max. 1200
ROPE LAY	: Z
TAKE UP CAPACITY	: Infinite
TWIST IN STRAND	: Adjustable
PAY OF PACKAGE SIZE	: 250 mm Dia. x 300 mm Tra. (2 Package Per Ply.) : 400 mm Dia. x 300 mm Tra. (1 Package Per Ply.)

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
2 mm	3.20	90.00	1200	2.00
3 mm	6.93	85.00	1200	4.09
4 mm	15.49	67.57	1200	7.27
5 mm	30.27	54.05	1200	11.36
6 mm	43.58	45.05	1000	16.36

OPTIONAL FEATURES : In the Coiling Head Take up Capacity can be Customize up to 1 Ton.

KEY FEATURES:

- User friendly touch screen display with PLC control.
- All parameters will be shown on display.
- RPM/TPM adjustment by display.
- Weight & Meter set point.
- Denier & twisting calculator in display.
- Door location warning.
- Machine lubrication warning.
- A.C. drive fault alarm indication.
- 100 program memory storage facility.
- Daily, weekly & monthly report system.
(Direct save in excel format)
- Two Station Pneumatic Coiling Head with
4 kg Take up Capacity, Power Req. 0.75 kw.
- Wi-Fi connectivity system for computer.

ENDLESS ROPE MAKING MACHINE MTP / 6-E



MODEL	: MTP / 6-E
ROPE RANGE	: 6 mm to 12mm
ROPE FLYER RPM	: Max. 450
TWIST PER MINUTE	: Twice the flyer speed.
ROPE LAY	: S & Z
TWIST RANGE	: 15 to 65 TPM
TWIST IN STRAND	: Adjustable
PAY OF PACKAGE SIZE	: 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY	: Infinite

KEY FEATURES:

- User friendly touch screen display with PLC control.
- All parameters will be shown on display.
- RPM/TPM adjustment by display.
- Weight & Meter set point.
- Denier & twisting calculator in display.
- Door location warning.
- Machine lubrication warning.
- A.C. drive fault alarm indication.
- 100 program memory storage facility.
- Daily, weekly & monthly report system (Direct save in excel format)
- Wi-Fi connectivity system for computer.

OPTIONAL FEATURES:

- One / Two head coiling machine.
- Ele. wire hoist for removal of final package.
- Rope Lay S & Z.

AVAILABLE MODELS

MTP/6-E-440

Motor Capacity	18,5 KW
Number of Strand	4 Ply
Number of pay of package	10 x 4 = 40
Dimension (L x W x H)	21"6" x 8'5" x 8'10"
Weight (Approx.)	6500 Kgs.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
6mm	19 kg	45.00	450	16.00
8mm	42 kg	33.00	400	29.00
10mm	70 kg	27.00	350	45.00
12mm	104 kg	22.00	300	65.00

ENDLESS ROPE MAKING MACHINE MTP / 8-E



MODEL : MTP / 8-E
ROPE RANGE : 8mm to 16mm
ROPE FLYER RPM : Max. 300
TWIST PER MINUTE : Twice the flyer speed
ROPE LAY : Z
TWIST RANGE : 15 to 45 TPM
TWIST IN STRAND : Adjustable
PAY OF PACKAGE SIZE : 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY : Infinite

- KEY FEATURES:**
- User friendly touch screen display with PLC control.
 - All parameters will be shown on display.
 - RPM/TPM adjustment by display.
 - Weight & Meter set point.
 - Denier & twisting calculator in display.
 - Door location warning.
 - Machine lubrication warning.
 - A.C. drive fault alarm indication.
 - 100 program memory storage facility.
 - Daily, weekly & monthly report system (Direct save in excel format)
 - Wi-Fi connectivity system for computer.

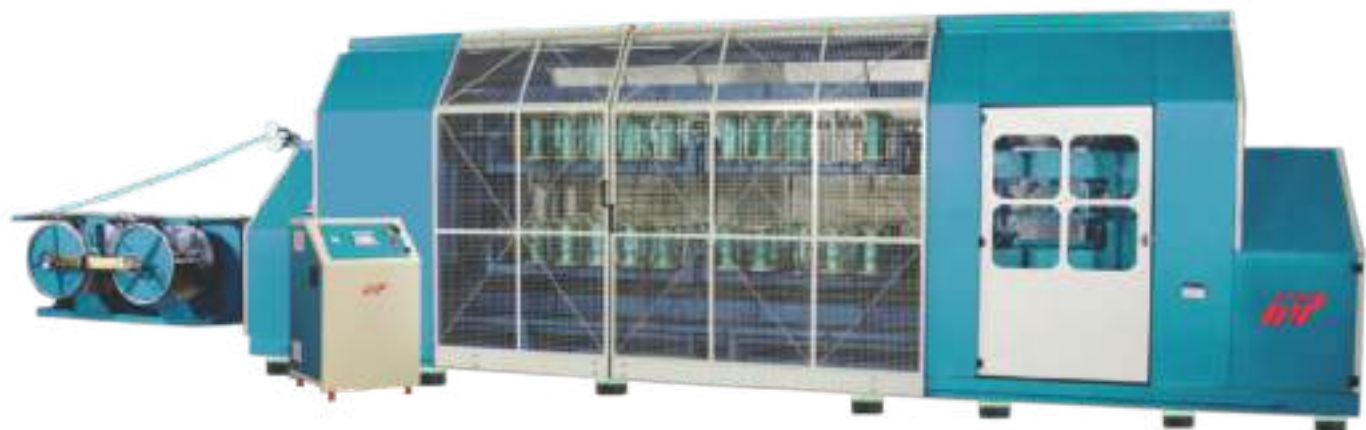
- OPTIONAL FEATURES:**
- One / Two head coiling machine.
 - Ele. wire hoist for removal of final package.
 - Rope Lay S & Z.

AVAILABLE MODELS	MTP/8-E-464
Motor Capacity	22.5 KW
Number of Strand	4 Ply
Number of pay of package	16 x 4 = 64
Dimension (L x W x H)	24" x 8'5" x 8'10"
Weight (Approx.)	9500 Kgs.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
8mm	31.00 kg	33.78	300	29.09
10mm	55.48 kg	27.03	275	45.45
12mm	87.19 kg	22.52	250	65.45
14mm	124.57 kg	19.31	225	89.09
16mm	165.34 kg	16.89	200	116.36

ENDLESS ROPE MAKING MACHINE MTP / 12-E



MODEL : MTP/12-E
ROPE RANGE : 12mm to 24mm
ROPE FLYER RPM : Max. 250
TWIST PER MINUTE : Twice the flyer speed
ROPE LAY : Z
TWIST RANGE : 7 to 32 TPM
TWIST IN STRAND : Adjustable
PAY OF PACKAGE SIZE : 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY : Infinite



- KEY FEATURES:**
- User friendly touch screen display with PLC control.
 - All parameters will be shown on display.
 - RPM/TPM adjustment by display.
 - Weight & Meter set point.
 - Denier & twisting calculator in display.
 - Door location warning.
 - Machine lubrication warning.
 - A.C. drive fault alarm indication.
 - 100 program memory storage facility.
 - Daily, weekly & monthly report system (Direct save in excel format).
 - Feeding capstan mechanism.
 - Wi-Fi connectivity system for computer.
- OPTIONAL FEATURES:**
- One / Two head coiling machine.
 - Digital printer attachment.
 - Ele. wire hoist for removal of final package.
 - Rope Lay S & Z.

AVAILABLE MODELS	MTP/12-E-480
Motor Capacity	26 KW
Number of Strand	4 Ply
Number of pay off package	20 x 4 = 80
Dimension (L x W x H)	26'2" x 8'5" x 8'10"
Weight (Approx.)	10500 Kgs.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
12 mm	86.67 kg	22.50	250	65.00
14 mm	126.00 kg	19.00	225	89.00
16 mm	174.00 kg	16.00	200	116.00
18 mm	235.00 kg	15.00	200	147.27
20 mm	242.42 kg	13.50	150	181.82
22 mm	268.50 kg	12.30	125	220.00
24 mm	278.04 kg	11.30	100	261.82

ENDLESS ROPE MAKING MACHINE MTP/16-E



MODEL	: MTP / 16-E
ROPE RANGE	: 16 mm to 32 mm
ROPE FLYER RPM	: Max. 175
TWIST PER MINUTE	: Twice the flyer speed
ROPE LAY	: Z
TWIST RANGE	: 6 to 25 TPM
TWIST IN STRAND	: Adjustable
PAY OFF PACKAGE SIZE	: 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY	: Infinite

- KEY FEATURES:**
- User friendly touch screen display with PLC control.
 - All parameters will be shown on display.
 - RPM/TPM adjustment by display.
 - Weight & Meter set point.
 - Denier & twisting calculator in display.
 - Door location warning.
 - Machine lubrication warning.
 - A.C. drive fault alarm indication.
 - 100 program memory storage facility.
 - Daily, weekly & monthly report system (Direct save in excel format)
 - Wi-Fi connectivity system for computer.

- OPTIONAL FEATURES:**
- One / Two head coiling machine.
 - Digital printer attachment.
 - Ele. wire hoist for removal of final package.
 - Rope Lay S & Z.

AVAILABLE MODELS	MTP/16-E-4104
Motor Capacity	37 KW
Number of Strand	4 Ply
Number of pay off package	26 x 4 = 104
Dimension (L x W x H)	30'0" x 8'3" x 7'5"
Weight (Approx.)	11000 Kgs.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
16 mm	144.67 kg	16.89	175	116.36
18 mm	206.18 kg	15.00	175	147.27
20 mm	242.42 kg	13.50	150	181.82
22 mm	321.95 kg	12.30	150	220.00
24 mm	418.54 kg	11.26	150	261.82
26 mm	425.45 kg	10.40	120	307.27
28 mm	443.14 kg	09.65	100	356.36
30 mm	544.85 kg	09.01	100	409.09
32 mm	660.00 kg	08.45	100	465.45

ENDLESS ROPE MAKING MACHINE MTP/16A-E



MODEL : MTP / 16A-E
ROPE RANGE : 16 mm to 44 mm
ROPE FLYER RPM : Max. 150
TWIST PER MINUTE : Twice the flyer speed
ROPE LAY : Z
TWIST RANGE : 6 to 25 TPM
TWIST IN STRAND : Adjustable
PAY OFF PACKAGE SIZE : 250 mm Dia. X 300 mm Tra.
TAKE UP CAPACITY : Infinite

- KEY FEATURES:**
- User friendly touch screen display with PLC control.
 - All parameters will be shown on display.
 - RPM/TPM adjustment by display.
 - Weight & Meter set point.
 - Denier & twisting calculator in display.
 - Door location warning.
 - Machine lubrication warning.
 - A.C. drive fault alarm indication.
 - 100 program memory storage facility.
 - Daily, weekly & monthly report system (Direct save in excel format)
 - Wi-Fi connectivity system for computer.

- OPTIONAL FEATURES:**
- One / Two head coiling machine.
 - Digital printer attachment.
 - Ele. wire hoist for removal of final package.
 - Rope Lay S & Z.

AVAILABLE MODELS	MTP/16A-E-4160
Motor Capacity	45 KW
Number of Strand	4 Ply
Number of pay off package	40 x 4 = 160
Dimension (L x W x H)	5'0" x 8'3" x 7'5"
Weight (Approx.)	16000 Kgs.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

ROPE SIZE	PROD. (KG/HR.)	TPM	RPM (MAX)	GRM/MTR
16 mm	82.67 kg	16.89	100	116.36
18 mm	117.64 kg	15.02	100	147.27
20 mm	161.50 kg	13.51	100	181.82
22 mm	214.81 kg	12.29	100	220.00
24 mm	209.27 kg	11.26	75	261.82
26 mm	265.91 kg	10.40	75	307.27
28 mm	332.36 kg	9.65	75	356.36
30 mm	408.64 kg	9.01	75	409.09
32 mm	429.65 kg	8.45	65	465.45
34 mm	438.98 kg	7.90	55	525.45
36 mm	518.40 kg	7.50	55	589.09
38 mm	499.20 kg	7.10	45	656.36
40 mm	449.20 kg	6.80	35	727.27
42 mm	526.19 kg	6.40	35	801.82
44 mm	605.90 kg	6.10	35	880.00

STRANDER MACHINE CLOSER MACHINE

MACHINE DETAILS	ROPE SIZE RANGE	(4 PLY)	
		PAY OFF PACKAGE	MODEL NO.
STRANDER (2 FOR 1)	4MM TO 16MM	16 X 2 = 32	MTP/STR-4-232
STRANDER (2 FOR 1)	6MM TO 20MM	24 X 2 = 48	MTP/STR-6-248
STRANDER (2 FOR 1)	10MM TO 30MM	40 X 2 = 80	MTP/STR-10-280
STRANDER (1 FOR 1)	8MM TO 18MM	AS PER CREEL STAND	MTP/STR-8
CLOSER (1 FOR 1)	16MM TO 36MM	4 X 1 = 4	MTP/CLS-16

STRANDER MACHINE MTP / STR (2 for 1)



KEY FEATURES:

- User friendly touch screen display with PLC control.
- All parameter will be shown by display.
- RPM/TPM adjustment by display.
- Weight & Meter set point.
- Denier & Twisting calculator in display.
- Door location warning.
- Machine lubrication warning.
- A.C. drive fault alarm indication.
- 100 program memory storage facility.
- Daily, Weekly & Monthly report system. (Direct save in excel format)
- Wi-Fi Connectivity system for computer.



AVAILABLE MODEL	MTP/STR-4-232	MTP/STR-6-248	MTP/STR-10-280
Diameter Range	4mm to 16mm	6mm to 20mm	10mm to 30mm
Pay of packages	16 x 2 = 32	24 x 2 = 48	40 x 2 = 80
Pay of package size	250mm Dia. X 300 mm Traverse	250mm Dia. X 300mm Traverse	250mm Dia. X 300mm Traverse
TPM Range	6 to 25 TPM	6 to 25 TPM	5 to 25 TPM
Twist per Minute	Twice the flyer speed	Twice the flyer Speed	Twice the flyer Speed
Rope Lay	S & Z	S & Z	S & Z
Flyer RPM	500 RPM (Max.)	450 RPM (Max.)	300 RPM (Max.)
Take Up	Two Take Up Winder Head 480mm Dia. X 900mm Traverse (With Two traverse Unit)	Two Take Up Winder head 560mm Dia. X 900mm Traverse (With Two Traverse Unit)	Two Take Up Winder head 600mm Dia. X 1000mm Traverse (With Two Traverse Unit)
Motor Power	11 KW	11 KW	17.5 KW
Dimension (L x W x H)	19' x 4'4" x 6'6"	24' x 4'4" x 6'6"	30' x 4'4" x 6'6"
Weight (Approx.)	3800 Kgs.	4900 Kgs.	5800 Kgs.

STRANDER MACHINE MTP / STR - 8 (1 for 1)



MODEL : MTP/STR-8
PLY DIA RANGE : 8 mm to 18 mm
TPM RANGE : 15 to 50 TPM
LAY LENGTH : 67mm To 20mm
TPM ADJUSTMENT : By Mechanical Gear Change
WING REVOLUTION : 300 RPM Max
TWIST PER MINUTE : One Twist Per Revolution
ROPE LAY : S & Z
TAKE UP CAPACITY : 65 Kgs Max.
TAKE UP BOBBIN SIZE : Dia 600mm X Tra. 480mm X Id 150mm
YARN DISTRIBUTION : Three Stage By Reeve Ring
DISTRIBUTION DIE : Two Stages
POWER : 11.5 KW. (9.3 + 2.2)
FEEDING PACKAGES : Out Side On Creel

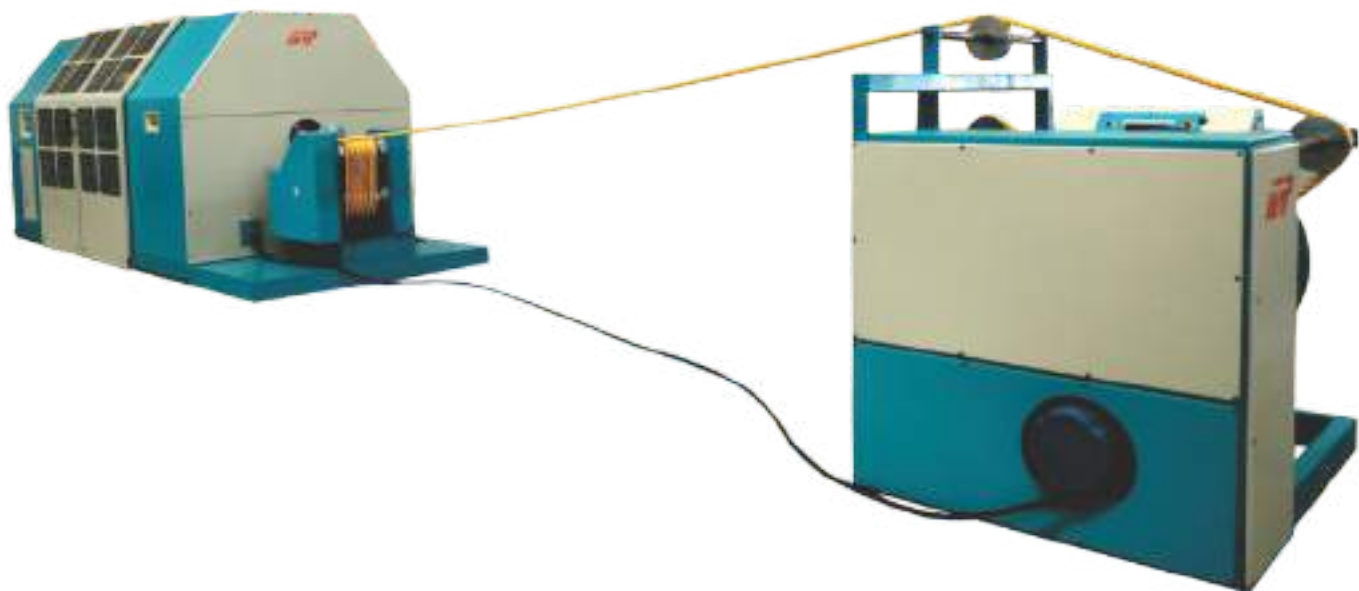
- KEY FEATURES :**
- Power Transmission by Chain.
 - Digital length counter meter.
 - Fully fence guard.
 - Door sensor.
 - Dual A.C. Frequency Drive.
 - Take up out put on M. S. Bobbin.
 - Harden Gear
 - Highly stable fabricated steel structure of Machine.
 - Dynamic Balanced Pulling Capstan and C-Flyer Assembly.
 - Three stage Yarn distribution and Two stage Die placement for proper formation of roundness of Ply.
 - Traverse motion by threaded rod for parallel winding in final take up Bobbin.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

PLY DIA	LAY LENGTH	TPM	RPM	MTR/HR
8	28.0	35.7	300	504
9	31.5	31.7	300	567
10	35.0	28.6	300	630
11	38.5	26.0	300	693
12	42.0	23.8	250	756
13	45.5	22.0	250	683
14	49.0	20.4	250	735
15	52.5	19.0	250	788
16	56.0	17.9	250	840
17	59.5	16.8	250	893
18	63.0	15.9	250	945

Note : Also available customized model upto 70 mm Rope

CLOSER MACHINE MTP / CLS-16



MODEL	: MTP / CLS-16
ROPE DIA RANGE	: 18 mm to 36 mm
TPM RANGE	: 8 to 25 TPM
LAY LENGTH	: 125 mm to 40 mm
TPM ADJUSTMENT	: By Mechanical Gear Change
HORN WHEEL REVOLUTION	: 110 RPM Max
TWIST PER MINUTE	: One Twist Per Revolution
ROPE LAY	: S & Z
TAKE UP CAPACITY	: 200 Kgs Max On Direct Coiling Head
COIL SIZE	: Dia 900mm X Tra. 700mm X Id 175mm (max)
WINDING TYPE	: Parallel Winding By Self Guided Arm
POWER	: 15 KW.
FEEDING PACKAGES	: 3 Packages On Horn Assembly 1 Package Out Side On Stand
ANTI TWISTING UNIT	: Eccentric Holding Mechanism

KEY FEATURES :

- Power Transmission by Chain.
- Digital length counter meter.
- Fully fence guard.
- Door sensor.
- Dual A.C. Frequency Drive.
- Take up out put on Direct Coiling Head.
- Harden Gears
- Highly stable fabricated steel structure of Machine.
- Dynamic Balanced Horn Assembly.
- Plunger type feeding Bobbin Mounting.
- Adjustable Coiling Head driven by Seperate Motor and AC Drive.
- Constant winding tension.

PRODUCTION CAPACITY (ON 100% EFFICIENCY)

PLY DIA	LAY LENGTH	TPM	RPM	MTR/HR
16	56	17.9	110	370
18	63	15.9	110	416
20	70	14.3	100	420
22	77	13.0	100	462
24	84	11.9	90	50A4
26	91	11.0	90	431
28	98	10.2	90	529
30	105	9.5	90	567
32	112	8.9	90	605
34	119	8.4	90	643
36	126	7.9	90	680

NOTE : ALSO AVAILABLE CUSTOMIZED MODEL UPTO 88 MM ROPE

COILING MACHINE

ROPE SIZE RANGE	MODEL NO.
2MM TO 6MM (1 STATION)	MTP/CL-2
2MM TO 6MM (2 STATION)	MTP/CL-2T
2MM TO 6MM (4 STATION)	MTP/CL-2A
4MM TO 8MM	MTP/CL-4
6MM TO 12MM	MTP/CL-6
8MM TO 24MM	MTP/CL-8
12MM TO 32MM	MTP/CL-12
16MM TO 44MM	MTP/CL-16

COILING MACHINE MTP / CL-2 (1 STATION)

MODEL	: MTP / CL-2
ROPE RANGE	: 2 mm to 6mm
HEAD SPEED	: 400 RPM (Max.)
COIL SIZE MAX.	: 4 Kgs.
MOTOR POWER	: 1 HP, A.C.Motor
TRAVERSE SYSTEM	: Auto adjustable
DIMENSION (LxWxH)	: 2'9" x 2'6" x 4'8"
WEIGHT	: 250 Kgs.

KEY FEATURES:

- Digital length counter meter.
- Easy to operate.
- Mechanical brake system at Pay of bobbin.

OPTIONAL FEATURES:

- A.C. frequency drive
- Pneumatic head opening system



COILING MACHINE MTP / CL-2T (2 STATION)



MODEL	: MTP / CL-2T
ROPE RANGE	: 2 mm to 6mm
COIL SIZE MAX.	: 4 Kgs.
MOTOR POWER	: 0.75 KW, Torque Motor
TRAVERSE SYSTEM	: Auto adjustable
NUMBER OF HEADS	: 2
NUMBER OF MOTORS	: 2
DIMENSION (LxWxH)	: 5'0" x 4'0" x 4'3"
WEIGHT	: 250 Kgs.

KEY FEATURES:

- Digital length counter meter.
- Easy to operate.
- Low and easy maintenance
- Pneumatic head operating & Closing System

COILING MACHINE MTP / CL-2A (MANUAL 4 STATION)

MODEL	: MTP / 2A
ROPE RANGE	: 2 mm to 6 mm
COIL SIZE MAX.	: 4 Kg.
MOTOR CAPACITY	: 0.5 HP, Torque motor
TRAVERSE SYSTEM	: Manual Traverse
NUMBER OF HEADS	: 4
NUMBER OF MOTOR	: 4
WEIGHT	: 250 Kgs.

KEY FEATURES:

- Digital length counter meter.
- Easy to operate.
- Low and easy maintenance.



**COILING
MACHINE
MTP / CL-4**

MODEL	: MTP / CL-4
ROPE RANGE	: 4 mm to 8 mm
HEAD SPEED	: 250 RPM (Max.)
COIL WEIGHT MAX	: 15 Kgs.
MOTOR	: 1.5 KW A.C. Motor
TRAVERSE SYSTEM	: Auto Adjustable
DIMENSION	: 6'7" x 4'3" x 4'0"
WEIGHT	: 400 Kgs.

**COILING
MACHINE
MTP / CL-6**

MODEL	: MTP / CL-6
ROPE RANGE	: 6mm to 12mm
HEAD SPEED	: 250 RPM (Max.)
COIL WEIGHT MAX	: 25 Kgs.
MOTOR	: 1.5 KW, A.C. Motor
TRAVERSE SYSTEM	: Auto Adjustable
DIMENSION	: 10'6" x 4'3" x 4'0"
WEIGHT	: 400 Kgs.

**COILING
MACHINE
MTP / CL-8**

MODEL	: MTP / CL-8
ROPE RANGE	: 8 mm to 24 mm
HEAD SPEED	: 200 RPM (Max.)
COIL WEIGHT MAX.	: 57 Kgs.
MOTOR	: 2.0 KW, A.C. Motor
TRAVERSE SYSTEM	: Auto Adjustable
DIMENSION (LxWxH)	: 10'6" x 4'3" x 4'0"
WEIGHT	: 450 Kgs.



KEY FEATURES:

- Digital length counter meter.
- Easy to operate.
- Layer to layer uniform winding.
- Mechanical brake system for pay off bobbin.
- Self adjustable traverse system.

OPTIONAL FEATURES:

- A.C. frequency drive
- Ele. wire hoist for removal of final package.
- Digital printer attachment.
- Coil to Recoil mechanism.
- Pneumatic head opening system

**COILING
MACHINE
MTP / CL-12**

MODEL	: MTP / CL-12
ROPE RANGE	: 12 mm to 32 mm
HEAD SPEED	: 150 RPM (Max.)
COIL WEIGHT MAX	: 132 Kgs.
MOTOR	: 4.0 KW, A.C. Motor
DIMENSION	: 10'6" x 5'0" x 4'0"
WEIGHT	: 840 Kgs.

**COILING
MACHINE
MTP / CL-16**

MODEL	: MTP / CL-16
ROPE RANGE	: 16 mm to 44 mm
HEAD SPEED	: 150 RPM (Max.)
COIL WEIGHT MAX	: 200 Kgs.
MOTOR	: 7.5 KW, A.C. Motor
DIMENSION	: 14'0" x 5'0" x 6'0"
WEIGHT	: 1000 Kgs.

**COILING
MACHINE
MTP / CL-20**

MODEL	: MTP / CL-20
ROPE RANGE	: 20 mm to 54 mm
HEAD SPEED	: 120 RPM (Max.)
COIL WEIGHT MAX	: 350 Kgs.
MOTOR	: 7.5 KW, A.C. Motor
DIMENSION	: 14'0" x 5'0" x 6'0"
WEIGHT	: 1200 Kgs.

NOTE : All the coiling machines have optional feature of printer attechment.

APPLICATION



MARINE



SHIPPING



MOORING



INDUSTRIAL



TRANSPORTATION



HOUSEHOLD



FISHING NETS & TWINE



SHADE NETS/ GREEN NETS



AGRICULTURE



SPORTS



TREKKING/ CLIMBING

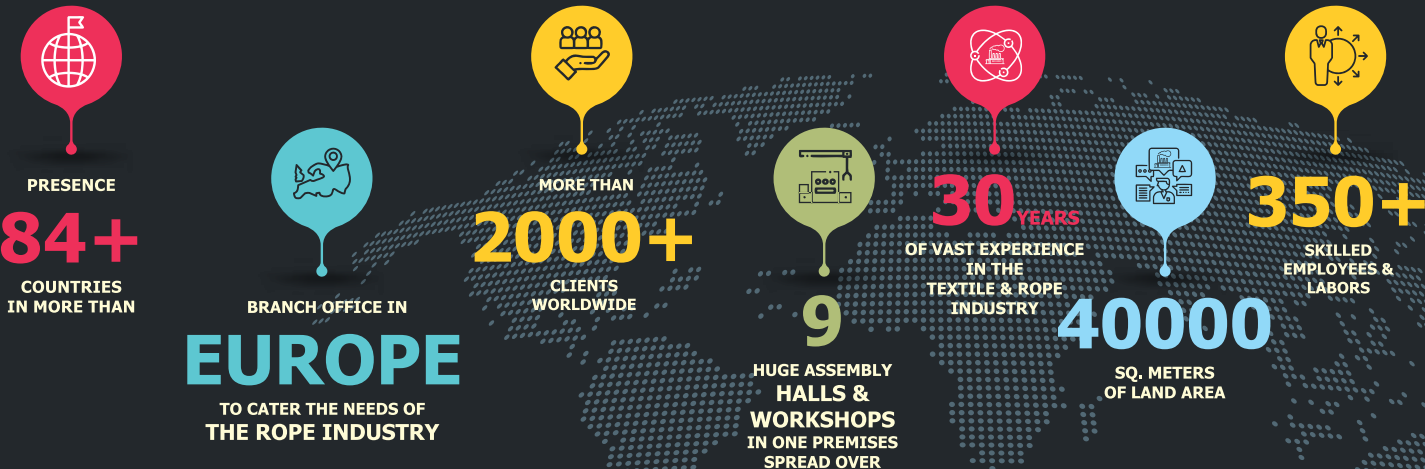


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