

TPRS-50

TPRS-50 TWINE TWISTER

2/3/4 Ply Twine | Denier Range 3000 - 24000
Polyester, Nylon, PPMF, PP Tape, Spun, Cotton, HDPE

TPRX-50
Precesion Takeup Technoogy

Fishing Twine
Cotton Twine
Baler Twine

TPRS.
S/Z
**ONE
STEP**
40% Savings



What is TPRS ?

TPRS Technology pioneered by MEERA (Patent Pending) is a One Step Twine Twister / Ply and Cable Twister (S/Z) for making any type of Stitch Thread, Industrial Thread, Sewing Thread for Multifilament, Staple, and Tape Yarns. Traditionally Manufacturing Twine normally takes 3 steps but now it is possible to produced in just One Step. TPRS Twister produces large-size knot less packages. High on productivity TPRS Technology also offers the best quality for smooth working on sewing machines.



Saving upto 40%

TPRS Technology is Twisting Plying and Reverse Twisting System. It has Individual Spindle Motor for both Ply and Cable (S / Z) twist. Individual Spindle Motor gives high production for your twine at low power consumption even for twines up to 6000.

Compare to any other method of making twine TPRS offers savings up to 40% towards power cost, labor cost wastages etc.

High Quality Premium Yarns

TPRS Technology Imparts S and Z twist in Single Yarn path, which makes the yarn screw free. This helps the twine run on the sewing machine at high speed without breakages.

Further, it produces large knotless package upto 5 Kg which enhances post processing efficiency manifold

Features

TPRS-50 comes with modular design having several features which makes the machine easy to operate and produce high quality premium yarns.

Features like Air Threading, Individual position start/stop, Length counting, Conveyor Belts for handling bulky packages makes it easy to manage daily production. Yarn Breakages are handled by advance sensors with Auto Cradle lift up with individual spindle stoppage.

New Human Machine

This Model comes with Fully control Inverter

Drive having graphical user interface allows to control, monitor and analyse the individual Position. Recipe can be stored with parameters like TPM, Winding Tension, Speed, Overfeed Ratio, etc.

Tapering, Package diameter, Package density, Soft edges, Package metering, for Takeup package

Wide verity of Yarn

Application. TPRS-50 support variety of yarn types and applications.

Yarn Types are like PPMF, PP fibrillated Tapes, Nylon, Polyester Multifilament , Spun Polyester, Cotton etc.

Application suitable are Fishing Twines, Bag Closing Threads, Industrial Threads, Juki Threads, Sewing Threads, Cotton Twines et



TPRS + Precision TakeUp

TPRX-50

Twine Making
With Precision
TakeUP
In One
STEP

Fishing Twine

210 x 10 x 3
210 x 11 x 3
210 x 12 x 3
210 x 14 x 3
210 x 15 x 3
210 x 16 x 3
210 x 18 x 3
210 x 20 x 3
210 x 21 x 3
210 x 24 x 3
210 x 25 x 3
210 x 27 x 3
210 x 30 x 3
210 x 32 x 3

Cotton Twine (Ne)

10 / 4 / 3
10 / 6 / 3
10 / 8 / 3
10 / 10 / 3
10 / 12 / 3
10 / 14 / 3
10 / 16 / 3

TPRX-50 Technical Data.

Measurement

Frame	Single Deck Single Side
No of Positions	24
Per Section	2
No of Section	12
Section Pitch (MM)	1830
Gauge (MM)	900
Machine Dim (Ft) LxWxH	85.1 x 3.7 x 6.3
Machine Dim (Mtr) LxWxH	26 x 1.2 x 1.9
Pot Size (MM)	200
Denier Range	2500-12000
Speed	3500
Connected Load	29
Machine Length	26 Meter
Twist Range (TPM)	150-1500
Voltage	Country Specific

Input / Feed Package / Spindle

Feed Package (MM)	45x 56x290
Feed Package Type	Parallel Cheese
Feed Package Max Dia (MM)	200
Feed Package Wt	4 Kg

Takeup Package

Takeup Package (MM)	Min ID 45 x L 290
Takeup Package Type	
Takeup Package Max Dia	400 MM
Takeup Wt Knot Less	12 KG
Winding Traverse	250
Ply Sensor / Cutter	Yes

Spindle Driving

Take-Up Drive	Individual
Traverse Drive	Yarn Guide
Spindle Drive	Individual Spindle Motor

15 kg Knot Less Package

Dimensions

Position	Width	Height	Position	12	14	16	20	24
Length(MM)	1120	1900	Length	13130	15260	17390	21650	22680