

TPRS-25

# TWINE TWISTER

2/3 Ply Twine | Denier Range 1200 - 6000  
Polyester, Nylon, Polypropylene, Spun, Cotton

**TPRX-25**  
Precision Takeup Technology

Bag Closing Threads  
Fishing Twines  
Cotton 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 twinnes up to 6000.

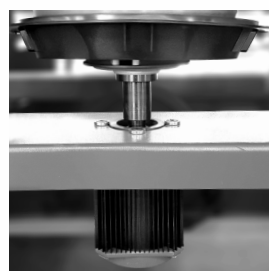
Compare to any other method of making twine TPRS offers savings up to 40% towards power cost, labor cost wastages etc.



## High Quality Premium Yarns

TPRS Technology Imparts Sand 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 multifold



## Features

TPRS-25 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 Twinnes, Bag Closing Threads, Industrial Threads, Juki Threads, Sewing Threads, Cotton Twinnes et



# TPRX-25

## Twine Making With Precision TakeUP In One STEP

### Fishing Twine

210 x 5 x 3  
210 x 6 x 3  
210 x 7 x 3  
210 x 8 x 3  
210 x 9 x 3

### Bag Closing

600 / 2  
600 / 3  
840 / 2  
840 / 3  
1680 / 2  
1680 / 3  
2520 / 2

### Cotton Twine (Ne)

20 / 2 / 3  
20 / 3 / 3  
20 / 4 / 3  
20 / 5 / 3  
20 / 6 / 3

### TPRS-25 Technical Data.

#### Measurement

Frame	Double
No of Positions	96
Per Section	8
No of Section	12
Section Pitch (MM)	2130
Gauge (MM)	525
Machine Dim (Ft) LxWxH	88.4 x 3.4 x 7.6
Machine Dim (Mtr) LxWxH	27 x 1.1 x 2.3
Pot Size (MM)	140
Denier Range	600-3000
Speed	4500
Connected Load	48
Machine Length	27 Meter
Twist Range (TPM)	150-1500
Voltage	Country Specific

#### Input / Feed Package / Spindle

Feed Package (MM)	32x36x320
Feed Package Type	Bottle / Cheese
Feed Package Max Dia (MM)	135
Feed Package Wt	1.6 Kg

#### Takeup Package

Takeup Package (MM)	46x57x290
Takeup Package Type	
Takeup Package Max Dia	300 MM
Takeup Wt Knot Less	Up to 5 Kg
Winding Traverse	250
Ply Sensor / Cutter	Yes

#### Spindle Driving

Take-Up Drive	Common
Traverse Drive	Tangential
Spindle Drive	Individual Spindle Motor

### 5 kg Knot Less Package

#### Dimensions

Position	Width	Height	Position	24	48	64	72	80
Length(MM)	1010	2300	Length	7770	14160	18420	20550	22680