

TFO HIGH-TWIST HIGH-SPEED

TFO Twisters for High TPM Filaments Yarns
Denier - 30-300 | SPEED - 18000 | TPM - 5000

70A/ 70B/ 90L/ 90B / 120L
Lowest Power Consumption

Twisting Premium Quality
Yarn for LOW GSM
Fabric Weaving

TFO UP TO 2.0 KG
KNOT LESS
PACKAGE

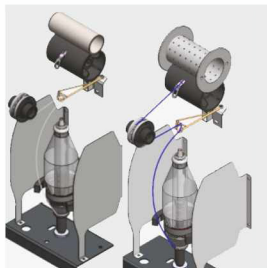


www.meeraind.com

HIGH Speed TFO

MEERA's HIGH TWIST, HIGH-SPEED TFO Twister is the most economic model for producing High-Quality premium yarn for use in the weaving of clothing & garment fabrics for a soft feel.

For high-twist yarns, the heat setting of the final package is critical for premium-quality fabrics which is why we offer two types of interchangeable take-ups (Aluminium Cylinder / Paper Tube) on our TFO Twisters.



MEERA has its own State of the Art in-house Japanese line for producing Energy Savings, Plasma Coated Spindles. In house facility helps us offer wide range of premium quality spindles with life of more than 15 years as per the customers requirements.

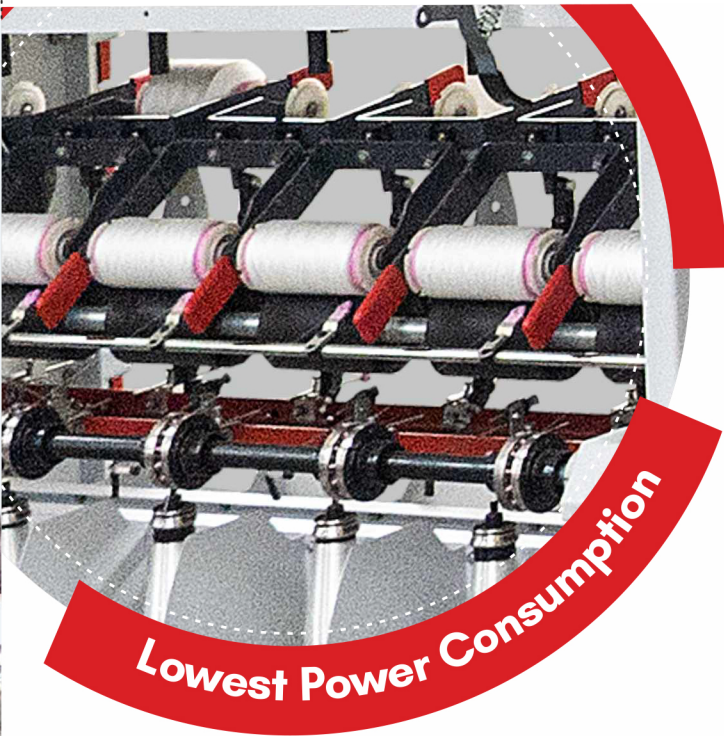
Dual Take-up
MEERA offers dual take-up system (Aluminum Cylinder / Paper Tube) which can be chosen as per customer preference. Aluminum Cylinders offer a high quality & reliable final package. As flanged shape keep the yarn without damage suitable for wet/dry heat setting. The Aluminum cylinders can hold up to 1 Kg of filament yarn.

MEERA offer Two version for controlling the TPM of the machine. Economic model has gear base TPM changing methods. We provide the required no of motor pulley for setting the TPM.

Alternatively we also provide fully inverter controlled TPM changing method for ease of use

Oil-Bath Gearbox
Continuous circulation of lubricant enables higher performance at high speeds & lower maintenance. All adjustable features are conventionally located outside for ease of use.

MEERA's High TPM , High Speed TFO has application for Low GSM / light weight garment fabrics suitable for imparting High Twists to fine denier Filament yarns for use in Weaving.



Highlights

- Ideal for 30-300 denier Filament Yarns
- Knotless Feed & Take-up of upto 2.0 Kgs
- Aluminum Cylinder or Paper Tubes Take-Up
- Optimized high-speed Spindle Design for Energy Savings
- Gearbox with Anti-patterning & Bi-Conical Traverse.
- High-Speed Gearbox with up to 100 Mtrs/min Take Up Speeds
- Rust-Free metallurgy for Tensioner & Stationary Cups
- Cradle for consistent pressure for a better package built
- Overfeed with Ceramic Teeth to ensure even package density

Technical Data

Model	70 A	70 B	90 L	90 B	120 L
Frame	Both Side Double Deck	Both Side Double Deck	Both Side Double Deck	Both Side Double Deck	Both Side Double Deck
Spindle Pitch (MM)	160	180	220	200	260
Section Pitch (MM)	1350	1350	1350	1830	1350
Machine Dim(mtr) LxWxH	22.7 x 0.8 x 2.0	22.7 x 0.8 x 2.0	22.7 x 0.8 x 2.0	22.7 x 0.8 x 2.0	22.7 x 0.8 x 2.0
Connected Load (kW)	5.5X2 = 11 kW	7.5X2 = 15 kW	7.5X2 = 15 kW	7.5X2 = 15 kW	7.5X2 = 15 kW
No of Positions	480 (32 Pos X 15 Section)	420 (28 Pos X 15 Section)	360 (24 Pos X 15 Section)	396 (36 Pos X 11 Section)	300 (20 Pos X 15 Section)
Denier Range	30-300	30-300	30-300	30-300	30-300
Spindle Speed (RPM)	8000-14000	8000-18000	8000-18000	8000-18000	8000-16000
Twist Range	500-3500	200-3500	200-3500	200-3500	200-3500
Max Yarn Speed (MPM)	40	40	100	70	100
Twist Direction	S Or Z	S Or Z	S Or Z	S Or Z	S Or Z
Spindle Driving	Tangential Belt Drive	Tangential Belt Drive	Tangential Belt Drive	Tangential Belt Drive	Tangential Belt Drive
Suitable Denier	30, 80, 100,110,150,300	30, 80, 100,110,150,300	30, 80, 100,110,150,300	30, 80, 100,110,150,300	30, 80, 100,110,150,300
Feed Package					
Pot Size (MM)	70	70	90	90	90
Feed Pkg (MM)	32 ID X 36 OD X 240 -255 L	32 ID X 36 OD X 240-270 L	38 ID X 42 OD X 320 L	38 ID X 42 OD X 270 L	38 ID X 42 OD X 320 L (Cops) 45 ID X 56 OD X 290 L (Tube)
Feed Package Type	Cops	Cops	Cops	Cops	Single Side Flange Cop Bottle Shape
Feed Pkg Max Dia (MM)	90	100	110	110	110 (Cops) / 140 (Tube)
Feed Package Wt	600 Gms	750 Gms	1000 Gms	1000 Gms	1200 Gms (Cops) / 2000 GMS (Tube)
Takeup Package					
	Aluminium Cylinder Traverse length-112 mm Flange dia-135 mm Barrel dia-80 mm Yarn Weight - 600 gms / 1.2 kg With One Knot	Aluminium Cylinder Traverse length-128 mm Flange Dia-145 mm Barrel Dia -85 mm Yarn Weight - 750 gms Paper Tube Length - 155 mm Traverse Length - 135 mm Max Dia-180 mm Yarn Weight- 750 gms / 1.5 kg With One Knot	Paper Tube Length - 172 mm Traverse Length - 150 mm Max Dia - 200 mm Yarn Weight- 1000 gms / 2.0 KG With One Knot	Aluminium Cylinder Traverse length- 150/165 mm Flange Dia-145 mm Barrel Dia - 85 mm Yarn Weight- 900 gms/ 1000gms Paper Tube Length - 172 mm Traverse Length - 150 mm Max Dia- 200 mm Yarn Weight- 1000 gms / 2.0 KG With One Knot	Paper Tube Length - 172 mm / 230 MM Traverse Length - 150 mm / 200 MM Max Dia - 200 mm Yarn Weight Cops - 1.2 Kg / 2.4 KG With One Knot Tube - 2.0 Kg / 2.4 KG With One Knot
Packing	CKD	CKD	CKD	Modular	Modular