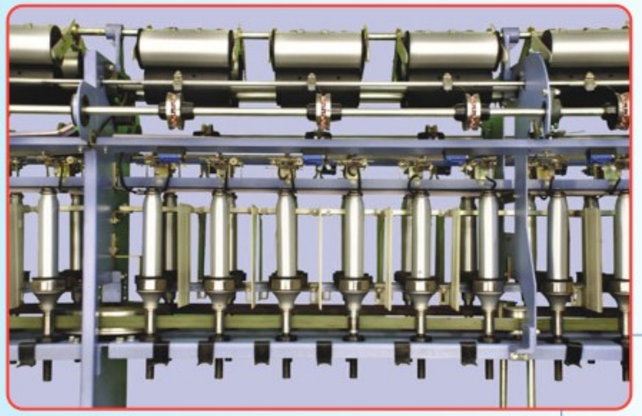
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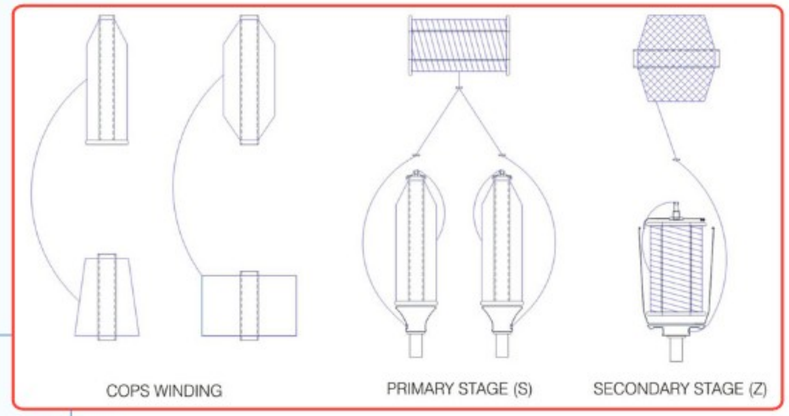
Rima Machines Pvt Ltd

No big words but a promise to work



JC-6-Primary / Secondary TFO Twister for 2/3 Ply Threads







Feaatures :

- Fabricated plate structure gives better alignment, smoother running, improves aesthetic values.
- Uniform yarn tension and directly assembled package results in better quality thread.
- Yarn Sensors & Cutters prevents single yarn entry, in turn prevents defective packages, improves working & efficiency.
- Balanced flyers allow higher take-up speeds, in turn higher productivity.
- Hard-chrome plated, sand blasted optimized design S.S. Spindles gives better life, reduces power consumption & exerts gentle touch to yarn.
- Minimized material handling implies better quality at minimum labour cost & minimum yarn wastage.
- Possibility of selection of combination or separate machines for primary & secondary twisting.

Yarn Process System :

1. Preparation of feed package on Cops Winder.
2. Primary twisting & 2/3 ply parallel winding on double flange bobbin in single process.
3. Feeding Double Flanged Bobbin produced on primary twisting to secondary twisting.
4. Secondary twisting is in reverse direction say if primary twist is in 'S' direction, secondary twisting has to be carried out in 'Z' direction.
5. Final package of the thread can be taken in bi-conical or straight cheese shape.

JC-6 P.S. TFO Twister - Technical Specifications

Model			Primary	Secondary
No.Of Spindles/ M/c.		:	120 - 12 - 300	60 - 6 - 150
No. Of Take-up Positions		:	60 - 6 - 150	60 - 6 - 150
Spindle Pot Dia	mm	:	70 / 80	90
Spindle Pitch	mm	:	155	310
Supply Package	Type	:	One Side Flanged Cops	Double Flanged Bobbin
	Yarn Content	:	750 Gms. For Poly. / Nylon	1.5 Kgs. For Poly. / Nylon
Yarn Sensor		:	Every Spindle	Not Required
Yarn Cutter		:	Every 2 Spindle	Not Required
Twist Range	TPM	:	200 TO 3,000	200 TO 3,000
Max.Spindle Speed [Mech.]	RPM	:	14,000 / 12,000	10,000
Yarn Take-Up Speed	MPM	:	100	70
Take-Up Package	Type	:	Double Flanged Bobbin	Bi-Conical Cheese [57 X 230 mm]
	Yarn Content	:	1.5 Kgs. For Poly. / Nylon	1.5 Kgs. For Poly. / Nylon
No. of Ply		:	2 or 3	
Spindle Drive	Mechanical	:	Tangential Belt	
	Electrical	:	A C Variable Drive [Optional]	
Take-Up Package Holding		:	M.S. Hinge Cradle	
Yarn Tension System		:	Ceramic With Steel Ball	
Overfeed Roller		:	Ceramic	
Connected Load	KW	:	2 X 3.7 - 2 x 7.5	
Machine Length	mm	:	11815 - 966 - 26305	
	Feet	:	38'9" - 3'2" - 86'3"	
Machine Height		:	1980 mm (6'6")	
Machine Width		:	840 mm (2'9")	

JC-6 HD TFO Twister - Technical Specifications

Model			Primary	Secondary
No.Of Spindles/ M/c.		:	120 - 12 - 276	60 - 6 - 138
No. Of Take-up Positions		:	60 - 6 - 138	60 - 6 - 138
Spindle Pot Dia	mm	:	70 / 80 / 90	110
Spindle Pitch	mm	:	176	312
Supply Package	Type	:	One Side Flanged Cops	Double Flanged Bobbin
	Yarn Content	:	1.1 Kg. For Poly. / Nylon	2.2 Kgs. For Poly. / Nylon
Yarn Sensor		:	Every Spindle	Not Required
Yarn Cutter		:	Every 2 Spindle	Not Required
Twist Range	TPM	:	200 TO 3,000	200 TO 3,000
Max.Spindle Speed [Mech.]	RPM	:	14,000 / 12,000	10,000
Yarn Take-Up Speed	MPM	:	100	70
Take-Up Package	Type	:	Double Flanged Bobbin	Bi-Conical Cheese [57 X 230 mm]
	Yarn Content	:	2.2 Kgs. For Poly. / Nylon	2.2 Kgs. For Poly. / Nylon
No. of Ply		:	2 or 3	
Spindle Drive	Mechanical	:	Tangential Belt	
	Electrical	:	A C Variable Drive [Optional]	
Take-Up Package Holding		:	M.S. Hinge Cradle	
Yarn Tension System		:	Ceramic With Steel Ball	
Overfeed Roller		:	Ceramic	
Connected Load	KW	:	2 X 5.5 - 2 X 11.2	
Machine Length	mm	:	12815 - 1066 - 26673	
	Feet	:	42' - 3'6" - 87'6"	
Machine Height		:	1980 mm (6'6")	
Machine Width		:	840 mm (2'9")	



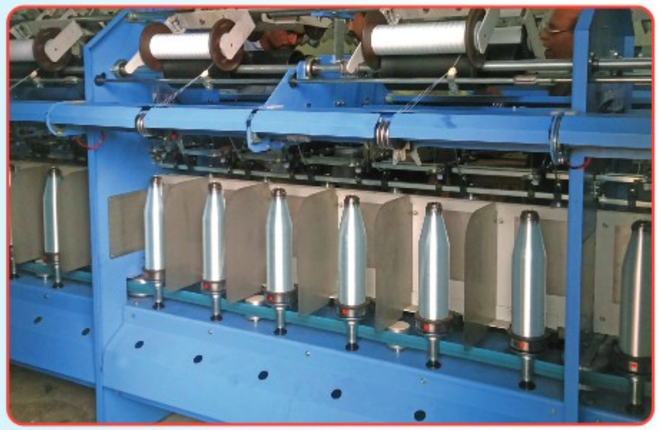


JC-6 IT TFO Twister - Technical Specifications

Model			Primary	Secondary
No.Of Spindles/ M/c.		:	96 - 12 - 192	48 - 6 - 96
No. Of Take-up Positions		:	48 - 6 - 96	48 - 6 - 96
Spindle Pot Dia	mm	:	110	130
Spindle Pitch	mm	:	240	480
Supply Package	Type	:	One Side Flanged Cops	Double Flanged Bobbin
	Yarn Content	:	1.5 Kg. For Poly. / Nylon	3 Kgs. For Poly. / Nylon
Yarn Sensor		:	Every Spindle	Not Required
Yarn Cutter		:	Every 2 Spindle	Not Required
Twist Range	TPM	:	200 TO 3,000	200 TO 3,000
Max.Spindle Speed [Mech.]	RPM	:	10,000	8,000
Yarn Take-Up Speed	MPM	:	100	70
Take-Up Package	Type	:	Double Flanged Bobbin	Bi-Conical Cheese [57 X 230 mm]
	Yarn Content	:	3 Kgs. For Poly. / Nylon	3 Kgs. For Poly. / Nylon
No. of Ply		:	2 or 3	
Spindle Drive	Mechanical	:	Tangential Belt	
	Electrical	:	A C Variable Drive [Optional]	
Take-Up Package Holding		:	M.S. Hinge Cradle	
Yarn Tension System		:	Ceramic With Steel Ball	
Overfeed Roller		:	Ceramic	
Connected Load	KW	:	2 X 7.5 to 2 x 15	
Machine Length	mm	:	14370 - 1505 - 26410	
	Feet	:	47'2" - 4'11" - 86'8"	
Machine Height		:	2210mm (7'3") [Supplied With Trolley For Operating Upper Deck]	
Machine Width		:	910mm (3')	

Product Range :

- **TFO Twister for Cotton, Spun & Blended Yarn having pot dia 110 / 120 / 130 / 140 / 150 / 170 mm**
- **TFO Twister for Cotton, Spun and Filament Industrial Yarn having pot dia 180 / 200 / 260 /300 mm**
- **Cable Corder for making Tyre Cord, Industrial or Carpet Threads**
- **Elastic / Latex / Spandex Yarn Single as well as Double Covering Machines**
- **Elastic Yarn Warping Machine**
- **Lycra Warping for Warp Knitting**
- **Rubber Thread Spool Winder**
- **Yarn Warping for Narrow Fabric**
- **Hank to Bobbin winder for Real Silk**
- **Primary / Secondary TFOs for making Embroidery, Sewing, Fishnet and Industrial Threads**
- **High Bulk Yarn Machine**
- **High Take-up, Low Twist TFO having Delivery Speed up to 250 MPM**
- **70 / 80 / 90 / 110 / 120 / 130 / 150 mm Pot TFO Twister for Filament, Pure Silk and Viscose Yarn**
- **'S' & 'Z' Covering Machine**
- **Various Types of Cop Winders**
- **2 / 3 / 4 ply Assembly Winder for Spun Yarn having Individual Motor / Drum**
- **2 / 3 / 4 ply Assembly Winder for Real Silk**
- **Hank to Bobbin winder for Real Silk**
- **4 to 24 ply Assembly Winder with External Creel having Individual Motor/Drum**



I T TFO Twister Primary - Technical Specifications

Model			JC-6-110P	JC-6-130P
No of Spindles / Machine		:	72 - 12 - 192	
No of Spindles / Section		:	12	
No of Decks		:	Single	
Spindle Pot Dia	mm	:	110	130
Spindle Pitch	mm	:	240	
Denier Range		:	210 to 2520	
Twist Range	TPM	:	40 to 600	
Stop Motion Sensor		:	1 per Spindle	
Electro-Magnetic Cutter		:	1 per 2 / 3 Spindle	
Feed Package (Bottle Shape Cops)		:		
Maximum Tube Length	mm	:	320	320
Minimum Inside Dia	mm	:	37	37
Maximum Outside Dia with Yarn	mm	:	120	140
Weight (Max)	Gms	:	2000	3000
Take-Up Package (Double Flanged Bobbin)		:		
No. of Take-up Positions per Machine		:	36 - 6 - 96 **OR** 24 - 4 - 64(As required for 2 or 3 ply)	
Traverse	mm	:	250	250
Length of Flanged Bobbin	mm	:	270	270
Maximum Outside Dia	mm	:	150	210
Weight (Appx.)	Gms	:	3000	5000
Max Spindle Speed	RPM	:	9,000	8,000
Spindle Drive		:	Tangential Belt	
Max. Yarn Take-Up Speed	MPM	:	100	
Tension Device		:	Ball & Ceramic Type	
Foot Brake		:	Optional	
Control Panel (OPTIONAL)		:	**Electronic with AC Drives, Servo Drive, PLC, HMI etc.**	
Drive				
Spindle Drive		:	Separate motor with A C Drive	
Take-up Drive		:	Separate motor per side with A C Drives	
Traverse		:	Servo Motor with its Drive	
Parameters Setting / Display		:	Through HMI (No need to change gears/pulleys for changing the Spindle Speed, TPI or Crossing Angle)	
Connected Load	KW	:	11.5 to 21	11.5 to 25
Machine Dimensions				
Length		:	11620 - 1443 - 26050 mm / 38'2" - 4'9" - 85'6"	
Width		:	915 mm / 3'	
Height		:	1870 mm / 6' 2"	



I T TFO Twister Secondary - Technical Specifications

Model			JC-6-130S	JC-6-175S
No of Spindles / Machine		:	48 - 6 - 132	48 - 6 - 132
No of Spindles / Section		:	6	6
No of Decks		:	Single	Single
Spindle Pot Dia	mm	:	130	175
Spindle Pitch	mm	:	360	360
Denier Range		:	600 to 5000	1000 to 10000
Twist Range	TPM	:	40 to 600	40 to 600
Feed Package (Double Flanged Bobbin)				
Traverse	mm	:	250	250
Length of Flanged Bobbin	mm	:	270	270
Maximum Outside Dia	mm	:	150	210
Weight (Appx.)	Gms	:	3000	5000
Take-Up Package (Paper or Plastic Tube)				
Traverse	mm	:	200	250
Length of Tube	mm	:	230	280
Maximum Outside Dia	mm	:	250	250
Weight (Appx.)	Gms	:	3000	5000
Max Spindle Speed	RPM	:	8000	6000
Max. Yarn Take-Up Speed	MPM	:	80	100
Spindle Drive		:	Tangential Belt	
Tension Device		:	Ball & Ceramic Type	
Balloon Limiter		:	SS Rings 3 Sets Provided	
Foot Brake		:	Optional	
Control Panel (OPTIONAL)		:	**Electronic with AC Drives, Servo Drive, PLC, HMI etc.**	
Drive				
Spindle Drive		:	Separate motor with A C Drive	
Take-up Drive		:	Separate motor per side with A C Drives	
Traverse		:	Servo Motor with its Drive	
Parameters Setting / Display		:	Through HMI (No need to change gears/pulleys for changing the Spindle Speed, TPI or Crossing Angle)	
Connected Load	KW	:	12 to 22.5	16 to 26
Machine Dimensions				
Length		:	11430 - 1100 - 26830 / 37'6" - 3'7" - 88'	
Width		:	1000 mm / 3'3"	
Height		:	1870 mm / 6' 2"	

J.C.GROUP™

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