J C GROUP™

Rima Machines Pvt Ltd

No big words but a promise to work





Machine Features

- Best suitable for very coarse yarn of jute, cotton or spun synthetic having resultant count as low as 0.4 Ne.
- Heavy duty machine construction for vibration free running.
- 5kg feed & 5kg knotless take up package.
- Machine is equipped with 2 spindle motors at both ends of the machine driven with a single tangential belt. It helps to maintain uniform belt tension on both sides of the machine which ensures lower TPI CV.
- Double motor helps us to select lesser thickness (more flexible) belt and machine can work smoothly at lower belt tension.
- All these factors result into lower power consumption.
- Take-up mechanism is driven by a separate motor.
- All the spindle motors and take-up motors are driven with AC Variable Frequency Drives.
- Yarn traverse is set and controlled with Servo Motor.
- All the spindle motors, take-up motors, Servo Traverse Motors are synchronized with the help of PLC.
- Touch Screen Panel(HMI) provided on the head-stock is used for setting, changing and display of machine parameter.
- There is no need for changing any motor pulleys or machine pulleys for changing the spindle speed.
- There is no need to change any gears for changing the TPI/TPM or crossing angles of winding.
- All these settings are changed very quickly saving expensive man power and machine down time.
- Chances of error are minimized as the settings are changed by the educated and responsible supervisor of the department.
- Overall maintenance cost is much lower.

260 MM POT SPUN TFO JC-6A-260S

Technical Specifications

Model			JC – 6A – 260S
No of Spindles / Machine		:	24 – 6 – 150
No of Spindles / Section		:	6
No of Decks		:	Single
Spindle Dia		:	260
Pot Dia		:	260
Spindle Pitch	mm	:	354
Outer Pot / Balloon Limiter Ring Dia	mm	:	310
Count Range		:	Resultant Count 0.4 to 6
Twist Range	TPI	:	1 to 40
Feed Package			
Maximum Tube Length	mm	:	290
Minimum Inside Dia	mm	:	54
Maximum Outside Dia with Yarn	mm	:	250
Weight	gms	:	5000-7000
Take-Up Package			
Traverse	mm	:	240-270(Adjustable)
Tube / Cone – Length	mm	:	280 or 290
Maximum Outside Dia	mm	:	300
Weight (Max)	gms	:	Up to 7000
Conicity		:	0 to 3° 30'
Spindle Speed (Max)	RPM	:	8,000
Spindle Drive		:	Tangential Belt
Max Yarn Take-up Speed	MPM	:	100
Tension Device		:	Capsule Type
Foot Brake		:	Provided
Control Panel		:	**Electronic with AC Drives, Servo Drive, PLC, HMI etc.**
Drives			
Spindle Drive		:	2 Motors each of 3.75 - 18.7 KW at Both Ends with Separate AC VF Drives of same capacity
Take-up Drive		:	Separate Motors of 1.5 - 2.25 KW per side with AC VF Drives
Traverse		:	Servo Motor of 1-3 KW with its Drive
Parameters Setting / Display		:	Through HMI (No need to change Gears/Pulleys for changing the Spindle Speed, TPI or Crossing Angle)
Total Connected Load	KW	:	11 to 45
Machine Dimensions			
Length		:	7030 – 1100 – 30130 / 23'1" - 3' 7" - 98'10"
Width		:	1050 mm / 3' 5"
Height(Up to Take-up Package)		:	1860 mm / 6' 1"

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

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WE RESERVE OUR RIGHT TO MODIFY THESE AT ANY TIME

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Rima Machines Pvt Ltd

Plot No.C-23/3-5, Road No.15, Hojiwala Ind. Estate, Vanz, SACHIN SURAT - GJ 394230 INDIA
Call: +91 93747 38545 / 98251 83836 Web: www.jcmachine.com Email : rimamachines@gmail.com / info@jcmachine.com

Pixel Image 098251 86810