



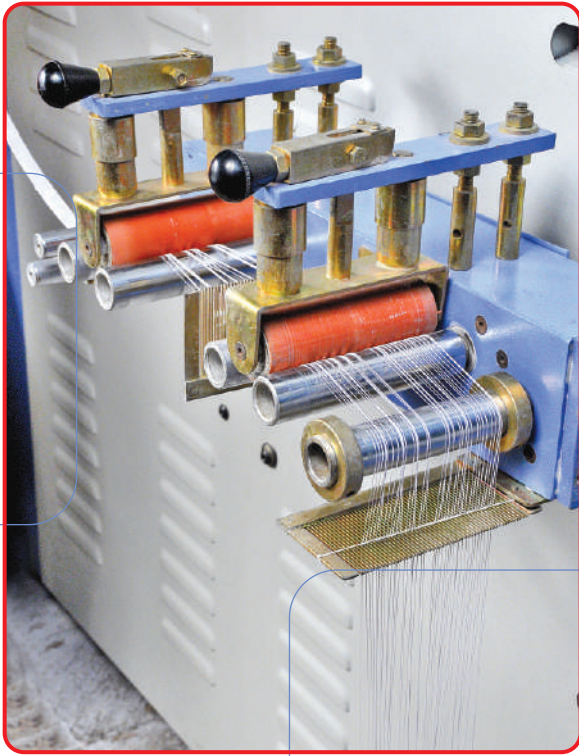
Rima Machines Pvt Ltd

No big words but a promise to work



**JC - 51 Delux - Rubber /
Lykra thread single / double covering m/c.**





Splitter Unit





Direct Beam Winder

Technical Specifications

(Mechanical)

(Electronic)

Model	JC - 6-51MD	JC - 6-51ED
No. of Spindles	: 160 - 32 - 320	
No. of Spindles per Section	: 32	
No. of Ends	: 80 - 16 - 160	
No. of Ends per section	: 16	
Type of Spindle	: Spool Fitting with Adaptor	
Spindle Pitch	MM : 200	
Spindle Speed Maximum	RPM : 16000 - Optional	
Spring Loaded Pressure Pulley	: Provided after Every Two Spindles	
Feed Yarn	: 20 Den to 2000 Den Spandex Yarn 30G to 120G Latex Rubber	
Spandex / Rubber Thread Feeding	: Positive Feeding with a Pair of Star Wheel Plain Hard Chrome Roller - Optional	
Spandex Yarn Package Creel	: Double Shaft Roller with Positive Drive	
Draft and Take-Up	: 3 Roller Drafting System with Rubber Coated Dead Weight Spring Loaded Nip Roller - Optional	
Take-Up Package	: Bi-conical Cheese 170 x 57 mm OR Cone OR Direct Beam Winding*	
Spindle Drive	: Tangential Belt Drive	
Spool Size	MM : [140 x 104 x 54 x 48] / [140 x 90 x 36 x 30] / [140 x 100 x 50 x 44]	
Draft Ratio Setting can be changed	: With a Set of Gears	Through Touch Screen HMI
Control Panel	: Star Delta Starter With Timer OR 2 Nos. AC VF Drive (Optional)	Electronic with AC VF Drives, Servo Drive, PLC & HMI
Upper Spindle / Lower Spindle Drive Spandex Yarn Feeding Take-Up Roller / Take-Up Package	: : :	Separate Motor with AC VF Drive 5 Nos.
Traverse System	: Gear Box	Gear Box or Servo Motor Optional
Yarn Parameter Setting	: Through Gear & Pulleys	Through Touch Screen HMI
Connected Load	KW : 9.3 to 22.5	15.7 to 27
Machine Dimension(mm)	Length : 10085 - 1650 - 18335	10730 - 1650 - 18980
	Width : 915	915
	Height : 1954	1954

*With Beam Winding Attachment, length of the machine increases by 1830mm



Salient Features :

- Sturdy sheet metal frame structure.
- Suitable to feed 40/48 ends elastic thread to the splitter unit.
- Positive feeding with a pair of star wheel.
- 3 Roller Drafting & Take-up system ensures uniform covering.
- Spring loaded pressure pulleys after every pair of spindles to ensure uniform speed.
- Option for direct beam or cheese / cone winding of the covered yarn.
- Spools (bobbins) of different size & material are available for selection.

Single & Double Covering Electronics Machine Features :

- Designed for fine denier Lycra / Rubber thread covering.
- Easily convertible from Single to Double Covering and vice-versa.
- Separate motors with AC Variable frequency Drives for input / output / lower deck / upper deck & take-up system.
- Servo Traverse motor & drive can also be supplied optionally.
- All the drives are PLC controlled and synchronised.
- Yarn settings are easy and quick through Touch Screen HMI.
- No need to change any gears or pulleys.

Technical Specifications

(Mechanical)

(Electronic)

Model	JC - 6-51MS	JC - 6-51ES
No. of Spindles	:	160 - 32 - 320
No. of Spindles per section	:	32
No. of Ends	:	160 - 32 - 320
No. of Ends per section	:	32
Type of Spindle	:	Spool Fitting with Adaptor
Spindle Pitch	MM :	200
Spindle Speed Maximum	RPM :	16000 - Optional
Spring Loaded Pressure Pulley	:	Provided after Every Two Spindles
Feed Yarn	:	20 Den to 2000 Den Spandex Yarn 30G to 120G Latex Rubber
Spandex / Rubber Thread Feeding	:	Positive Feeding with a Pair of Star Wheel Plain Hard Chrome Roller - Optional
Spandex Yarn Package Creel	:	Double Shaft Roller with Positive Drive
Draft and Take-Up	:	3 Roller Drafting System with Rubber Coated Dead Weight Spring Loaded Nip Roller - Optional
Take-Up Package	:	Bi-conical Cheese 170 x 57 mm OR Cone
Spindle Drive	:	Tangential Belt Drive
Spool Size	MM :	[140 x 78 x 36 x 30] / [140 x 90 x 36 x 30]
Draft Ratio Setting can be changed	:	With a Set of Gears Through Touch Screen HMI
Control Panel	:	Star Delta Starter With Timer OR 2 Nos. AC VF Drive (Optional) Electronic with AC VF Drives, Servo Drive, PLC & HMI
Upper Spindle Drive / Lower Spindle Drive Spandex Yarn Feeding Take-Up Roller /Take-Up Package	} :	Separate Motor with AC VF Drive 5 Nos.
Traverse System	:	Gear Box Gear Box or Servo Motor Optional
Yarn Parameter Setting	:	Through Gear & Pulleys Through Touch Screen HMI
Connected Load	:	9.3 to 22.5 15.7 to 27
Machine Dimension(mm)	:	10585 - 1750 - 19335 11230 - 1750 - 19980
	:	915 915
	:	2275 2275

Product Range :

- | | | |
|--|---|--|
| - Lycra Warping for Warp Knitting | - Festooning Machine | - 'S' & 'Z' Covering Machine |
| - Rubber / Lycra Covering Machines | - High Bulk Yarn Machine | - Rubber Thread Spool Winder |
| - Lycra / Elastic Yarn Warping Machine | - High Take up TFO - 250 MPM | - Various Types of Cop Winders |
| - 90 / 110 / 120 / 130 / 140 / 150 / 165 /
175 / 200 / 261mm Pot dia Spun TFO | - High Take up TFO - 100 MPM | - 2 / 3 / 4 ply Assembly Winder for
Spun Yarn with individual motor |
| - Twister for Cotton, Spun & Blended Yarn | - Yarn Warping for Narrow Fabric | - Yarn Splitter Winder for Mono Yarn |
| - Spun TFO Eco : 90 / 110 , 110 / 110 & 110 / 120mm | - 60 / 70 / 80 / 90 / 110 / 120 / 130 /
150 mm Pot dia TFO Twister For | - Hank to Bobbin Winder for Real Silk |
| - Embroidery / Sewing Thread TFO Twisting Machine | Filament, Pure Silk and Viscose Yarn | |



Rima Machines Pvt Ltd

Plot No C-21/16, Road No16, Hojiwala Industrial Estate, Sachin-Palsana Road, Surat, India - 394230
 Call : 0261-2632247 Web : www.jcmachine.com Email : rima@tfofwister.com / info@jcmachine.com