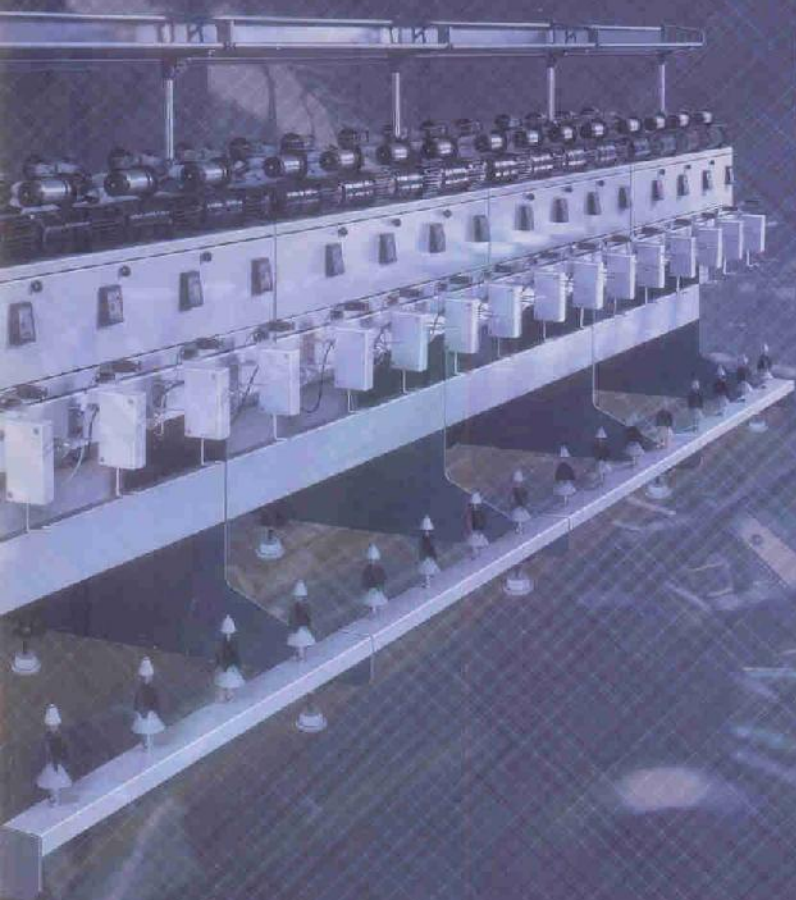


Perfect Winding with Perfection



*Primo Individual Motor Driven Winder.
Pneumatic Yarn Splicer.
Cone Winder.
Assembly Winder.*



**KINARIVALA
MACHINERY TRADERS PVT. LTD.**



PRIMO

INDIVIDUAL MOTOR DRIVEN WINDER



TECHNICAL SPECIFICATIONS :

Winding Type	: Random Winding
Lay Out (Double Sided)	: For Rewinder and Soft Package Winder in multiple of 8 Spindles and for Assembly Winder in multiple of 6 Spindles
Motor Description	: Individual Induction Motor per spindle
Power Supply	: 440 V3 Ph 50/60 Hz
Power Consumption	: 115 Watt @ maximum speed
Drum Description	: 6" Traverse Bakelite / Metallic / Steel Drum
Take up Package	: Standard 5.57' – on demand 0°, 3.30', 4.20'
Package Size	: Max 300 mm.
Package Stop	: Automatic at Preset Length or Yarn Breakage
Tension Design	: Straight yarn path to ensure Minimal Yarn Abrasion, Motorized Tension System
Winding Speed	: 400 to 1200 MPM
Other Features	: Speed controlling system by using Inverter Drive for groups, Electronic Anti-Patterning System, Electronic Multifunction HMI Individual Spindle Length Measuring System (In group of 4 spindles)
Optional Add-On	: Splicer, Overhead Traveling Blower, 8" & 10" Traverse Drum, Attachment of 3 Ply for Assembly Winder, Motorized Waxing Device

No. of Spindles Rewinding	8	16	24	32	40	48	56	64	72	80	88	96
No. of Spindles Assembly Winder	6	12	18	24	30	36	42	48	54	60	66	72
Length (mm.)	1905	3430	4955	6480	8005	9530	11055	12580	14105	15630	17155	18680
Width (mm.)	1220											
Height (mm.)	1680											

IF YOU CAN SPLICE WHY KNOT ?

HAND SPLICER FOR PLY YARN

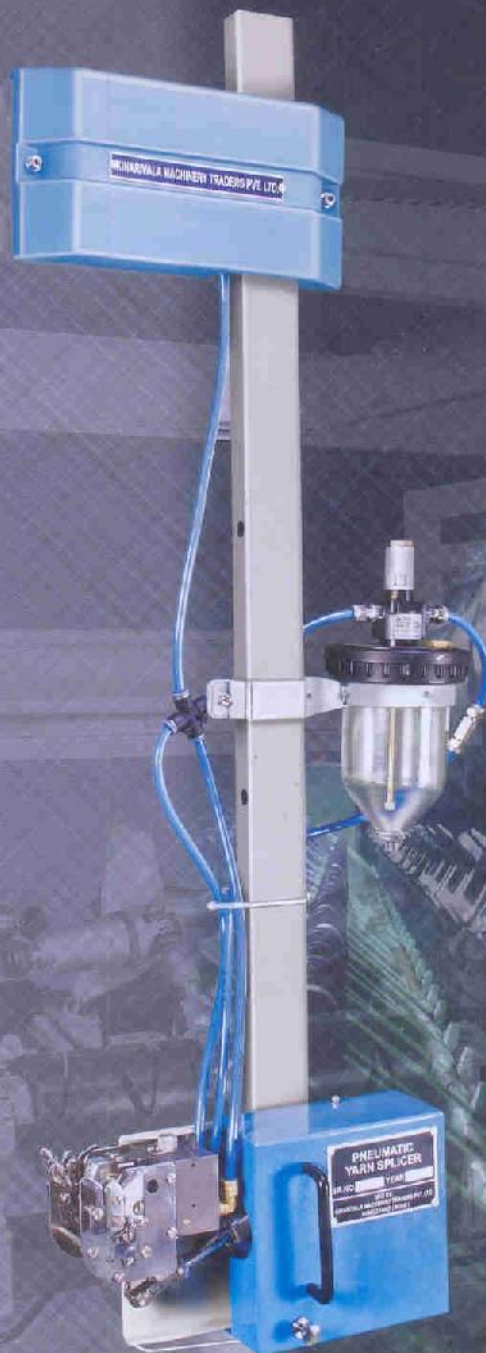
- RJK Hand Splicer is the latest development for retrofitting of a splicing device on existing installation insted of Traditional Knotters.
- For this type of application RJK Offers a manually operated Hand Splicer with Automatic Circuit Device
 1. Air Tracking System on top
 2. Four Wheel Trolley (Universal) especially for TFO

SCOPE OF SPLICING :

- A. Cotton / Cotton Blends single / two ply yarn within count range Ne 100^s to Ne 10^s & Ne2/100^s to Ne2/10^s Spun Yarn.
 - B. Cotton open End Yarn single as well as 2 ply upto resultant count Ne5^s.
 - C. Synthetic / Acrylic/ Wool and Blends Single Yarn Count Range Ne 100^s to Ne 10^s
 - D. Different model of Splicer for Manmade and Cotton Yarn.
- The Splice joint will have retained splice strength of 70% to 90% depending on Yarn Count & Material.
 - Splice Length will be 20 to 25 mm. and the Splice Dia, will be about 1.5 Times of parent yarn dia.
 - Required Dry & Oil-free compressed air at constant pressure of about 6 to 7 kgs/cm².
 - Air Consumption : about 1 Ltr./Cycle

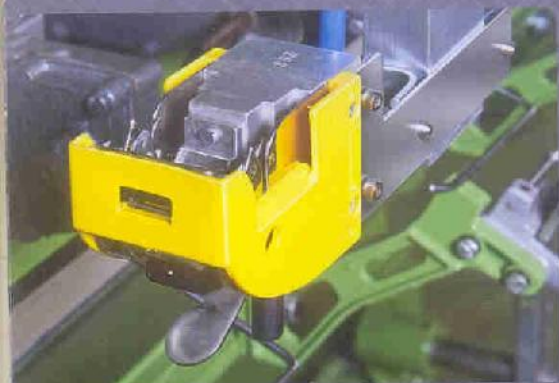
APPLICATION AREAS :

1. CONE WINDING MACHINE
2. ASSEMBLY WINDING MACHINE
3. PRECISSION WINDING MACHINE
4. TWO FOR ONE TWISTER (T.F.O.)



PNEUMATIC HAND SPLICER FOR FILAMENT YARN

- As a result of continuous R & D efforts RJK has come out with a manually operated Hand Splicer for splicing continuous Filament Yarn including P.O. Yarn and L.O. Yarn within a count range of 70D to 1500D.
- Highly finished yarn contact surfaces together with special frictioners enable parallel fibers to be joint without damage to Filament Yarn
- Special Scissors having Cemented Carbide Cutting Edge enhanced the working life of Splicer and enables consistence in splice quality.
- For good splicing, Dry & Oil Free Compressed air at constant pressure of 6 kg/cm².





HIGH SPEED CONE WINDER

TECHNICAL SPECIFICATIONS :

No. of Spindles :

120 Spindles (or in multiples of 20 upto 160 spindles)

Package Option :

The machine is suitable to wind : * 5.57' / 4.20' / 3.30' Paper / Plastic Cones

Yarn suitability :

Cotton / Synthetic/Blended or Woollen Yarn.

Winding Speed :

A choice of 3 speeds 550, 650 & 700 MPM.

Outstanding Features :

Superior package quality, Higher Production, Low Maintenance / Reduced down time, Prompt after sales service, Short pay back period

Power required :

10.5 H.P. Standard Machine of 120 Spindles, 11.5 H.P. with Blower

OPTION

Traverse Drums :

95 mm. Dia Aluminium Hard Anodised Metallic Drums.

Traveling Blower :

Over head To & Fro type Blower to blow away fluff accumulation.

Waxing Attachment :

Available

Special Supply System :

Auto Coner type universal supply bobbin peg with sliding trolleys for storing Cops.

Rewinding Supply System for cone to cone

Rewinding

Standard Features :

Special Builder Cam Lever attachment is provided for getting required shape for 4.20' / 5.57' / 3.30' Paper Cones.

Pressure Die-Cast Frames and Frame-Covers made from Aluminium alloy : for superior and long rust free life.

Slow Falling Attachment to avoid damage to Drums by reducing the impact of Spindle on Drums

Automatic Mechanical Stop Motion with hardened steel / chilled C.I. internal parts completely enclosed in Frame and immersed in oil bath to ensure trouble free performance.

Standard make electric motors and components.

Best quality double sealed Ball Bearings on individual spindle.

Dynamically balanced Bakelite / Metallic Traverse Drums.

Highly polished and ground steel shafting for Drive Shaft and Center Shaft.

A specially designed make and break Electro-Mechanical Ribbon Breaker with Silver Tipped contacts, which starts/stops the Drive Shaft 32 times per minute to avoid Ribbon Formation.

The Oil Circulating Pump is a unique feature of RJK Cone Winders. This circulates oil throughout all the Frames and maintain correct oil level.

Machine absolutely free from vibrations.

DIMENSION OF MACHINE

No. of Spindles	20	40	60	80	100	120	140	160
Length (mm.)	3285	5825	8365	10905	13445	15985	18525	21065
Width (mm.) with Trolley	2000							
Width (mm.) without Trolley	1000							

HIGH SPEED DOUBLER WINDER

HIGH SPEED DOUBLER WINDER WITH ELECTRONIC STOP MOTION

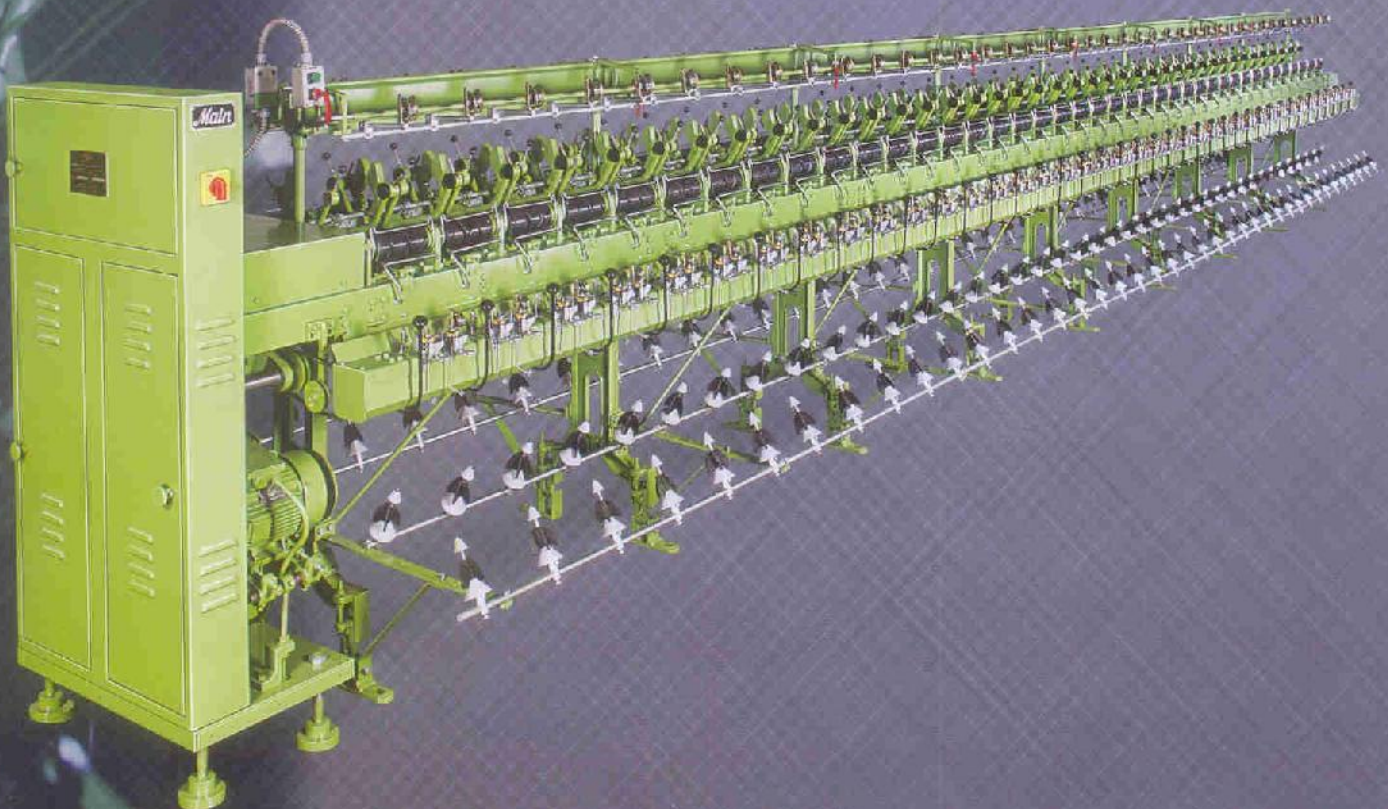
SALIENT FEATURES :

- Due to Electronic Stop Motion burning of Magnetic coil is eliminated.
- Simple design and Sturdy construction requiring less maintenance.
- Specially designed creel arrangement to take 4 ends of yarn with an increased height of the machine enable to use bigger cones as supply package.
- A highly reliable Electronic Stop Motion with brake provides instantaneous lifting of tube-holder in case of yarn-break and stopping of the revolving package reducing yarn wastage.
- Sturdy and sleek Tension Device along with enclosed silver tipped contacts to avoid carbon formation on contacts and long lasting operation for effective stop motion with especially hard chrome plated balloon breaker.
- Top self provided to keep full cheeses.
- Adjustable Tension Device to suit different Yarn counts to maintain a uniform tension on each yarn
- Slub Catcher assembly fabricated from Cast Aluminium and hardened and ground steel blades. Stainless Steel Guide Pulleys are provided.

HIGH SPEED DOUBLER WINDER WITH MECHANICAL STOP MOTION

OUTSTANDING FEATURES FOR MECHANICAL STOP MOTION :

- Simple design and Sturdy construction requiring less maintenance.
- All vital parts like Drop-Wire and Stop-Motion Blades are heat-treated to resist wear and tear.
- Higher Winding Speed upto 500 MPM
- An efficient, fully enclosed Swing-plate design ensure smooth movement of needles and prevents dust- entry.
- A highly reliable Drop-Pin type Mechanical Stop Motion with brakes provides instantaneous lifting of Tube-Holder in case of yarn-break and stopping of the revolving package. It also leaves certain length of yarn unwound to ensure easy splicing/ knotting.
- Tension Device to suit different yarn counts as also to maintain a uniform tension on each yarn
- Specially designed creel arrangement to take 4 ends of yarn.
- A sturdy Slub Catcher assembly fabricated from cast Aluminium and hardened and ground steel blades.



DOUBLER WINDER

WITH ELECTRONIC STOP MOTION



GENERAL SPECIFICATIONS

- Doubling Capacity : 2 Ply (3/4 Ply Optional)
- Package Wound : Parallel / Cheese on Plastic Tubes (max. dia 200 mm)
- No. of Drums : Standard 120. Upto 160 can be provided in multiple of 20
- Winding Speed : Upto 500 MPM. (Depending on yarn Quality and Count)
- Slub Catchers : Fix Blade Type
- Yarn Suitability : Cotton, Polyester, Acrylic, Wool, Viscose, Blends, Etc.
- Type of Drums : Bakelite Drums having 78 mm. dia. and 152 mm. Traverse
- Count Range : 1st Ne to 120th Ne.
- Supply Package : 5.57' / 4.20' / 3.30' Paper / Plastic Cone Open End Cheeses or any kind of Tubes.
- Package Shape : Parallel Cheese

OPTIONAL ATTACHMENTS

- Metallic Drums: Aluminium Hard Anodised Drums especially to run Synthetic Yarn.
- Separate creel can be provided for Feed Packages of 250 mm.
- To & Fro Autoconer type Overhead Travelling Blower for cleaning the machine.

TECHNICAL SPECIFICATION :

- Spindleless Tube Holder with two Double Sealed Ball-bearings ensure smooth running, firmly held package and easy don/doff of the plastic tube.
- Feed Package Dia : Machine suitable to hold maximum 200 mm. Dia Cheese or Cone. Upto 4 numbers per Drum. Maximum feed Package Dia will be 175 mm. for count below 20th Ne.
- Delivery Package Dia : Maximum 200 mm.
- Split-end Preventer : Specially Designed Split-End Preventer to prevent splitting of ends during High Speed Winding with more ply.
- Power : 2 Nos. 3 H.P. Electric Motors for Drum shaft for 120 Spindles and less as per requirement of Spindles.
- Electronic Anti Patterning Device.

DIMENSION OF MACHINE

No. of Spindles	20	40	60	80	100	120	140	160
Length (mm.)	3285	5825	8365	10905	13445	15985	18525	21065
Width (mm.)	1500							



Manufactured by :

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