

Perfect Winding with Perfection



Primo Individual Motor Driven Winder.
Pneumatic Yarn Splicer.
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 (With/Without Length Measurement System)
Motor Description	:	Individual Induction Motor per spindle
Power Supply	:	230 Volts Single Phase 50/60 Hz
Power Consumption	:	120 Watt @ maximum speed
Drum Specification	:	6" Traverse Bakelite / Alu. Hard Anodised Metallic / Steel Drum
Take up Package	:	4.20', 3.30', 5.57' or Parallel Tube
Package Size	:	Max 300 mm.
Package Stop	:	Automatic at Preset Length or Yarn Breakage
Tension Design	:	Straight yarn path to ensure Minimal Yarn Abrasion
Winding Speed	:	300 to 1000 MPM
Other Features	:	Speed controlling system by using Inverter Drive; 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 Two up to Eight Ply for Assembly Winder, Motorized Waxing Device, Assembly winder for multifold yarn.

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.)	1750	3250	4750	6250	7750	9250	10750	12250	13750	15250	16750	18250
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⁺ to Ne 10⁻ & Ne2/100⁺ to Ne2/10⁻ Spun Yarn.
 - B. Cotton open End Yarn single as well as 2 ply upto resultant count Ne5⁻.
 - C. Synthetic / Acrylic/ Wool and Blends Single Yarn Count Range Ne 100⁺ to Ne 10⁻
 - 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 fractioners 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 DOUBLER WINDER

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,

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 20^g 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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