



**AMRITLAKSHMI**

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WHERE EVERY MACHINE IS A COMMITMENT

**PIONEERS OF WARP PREPARATION  
IN INDIA  
WITH  
UNIQUE DESIGNS & CONTROLS**

## ABOUT US

N. K. Brahmachari began with Sales, Erection and Commissioning of Textile Machinery back in 1970 along with his father Shri K.C. Brahmachari. In 1978 he incorporated, Amritlakshmi Machine Works, a manufacturing house for Indigenous High End Weaving Preparatory Machinery.

Amritlakshmi grew to pioneer indigenous Direct Warpers, Sectional Warpers and Sizing Machines for both Spun and Filament Yarn.

Over 38 years Amritlakshmi established itself as a leader in design innovation and technological developments, first of its kind.

This year, Amritlakshmi brings a wider range of both indigenous and Imported choices to the Indian market.

Meet Mr. Brahmachari, the face behind Amritlakshmi's accomplishments and ensure the success of your Weaving project.



For me “Amritlakshmi” is a House of Versatile Technical Designs and Expertise in Yarn Preparation. “Amritlakshmi” is my commitment to create a bright future for Weavers in India.

### Range of Products both Indigenous & Imported :

- ▶ Direct Warpers with Creel for Spun Yarn (Cotton / Blended, PV, PC)
- ▶ Multi Cylinder Sizing Machines for Spun Yarn (Cotton/Blended, PV, PC)
- ▶ PLC Controlled 9 Motors Inverter Driven Double Sow Box Multi Cylinder Sizing Machine for High Speed Shuttle Less Looms & for Variety of Yarn.
- ▶ Warping, Sizing & Beaming Systems either 2 Tier (Creel to Beam System) or 3 Tier (Beam to Beam System) for Continuous Filament Yarn either Zero Twit or Low Twist.
- ▶ Mini Sizing Plant for Viscose /Polyester Filament Yarn.
- ▶ Sectional Warp Sizer
- ▶ Imported Beam to Cone Winding Machines
- ▶ Imported Denim Dyeing & Sizing
- ▶ Imported Spandex Yarn /Tape Warping Machine.
- ▶ Imported Split yarn Warping
- ▶ Imported Sectional Warping for Warp Knitting
- ▶ Complete Jute Warp Preparation Plant with Vector /Servo Drives
- ▶ Direct Beamer for Industrial Fabrics /Carpet/Jute/ Flex/PP/Nylon Yarn.
- ▶ Beam to Beam Rewinders for several applications.



## BEAM CREEL: SMOOTH & CONTROLLED UNWINDING



- Fixed and Magazine Creel with heavy duty Structural's including Beam Unwinding Controls.
- Powerful Braking system for each beam.
- Guide rollers for Yarn support.
- Automatic brakes incase of Power Failure.

## SECTIONAL BEAM UNWINDING / UNIQUE SIZE BOX

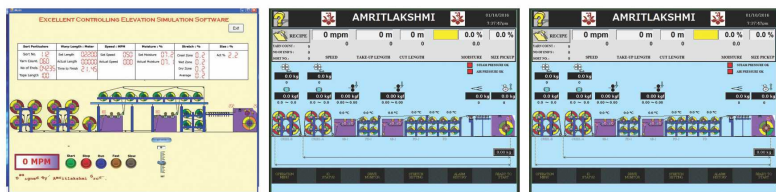


- Controlled Unwinding for Sectional Beams.
- Pneumatically Controlled Tension Regulator.
- Perfect Sizing through PLC and Invertors.
- Flexible Controls for Sizing including Pressure, Temperature etc.
- Horizontal or Vertical Yarn Path options available.



- Single Sow Box or Double Sow Box options Synchronized with all types of Dryers.
- Options of Pre-dryers and number of Cylinders.
- Horizontal System or Elevated Dryers options
- Temperature Controlled through PID's.
- Wet Zone fully Controlled.
- Multi Motor Drive Options for Synchronization of each Constituent.

Amritlakshmi's WARP PREPARATION AT IT'S BEST.



## ACCURATELY AND UNIFORMLY WOUND BEAMS



- Sturdy and vibration free structure.
- Winding Tension accurately controlled throughout.
- Hydraulic Beam Pressing Device to maintain  required hardness.
- Doffing & Donning by Hydraulic System.
- HMI on Headstock controls all Parameters easily.

### Motorized Comb Movements



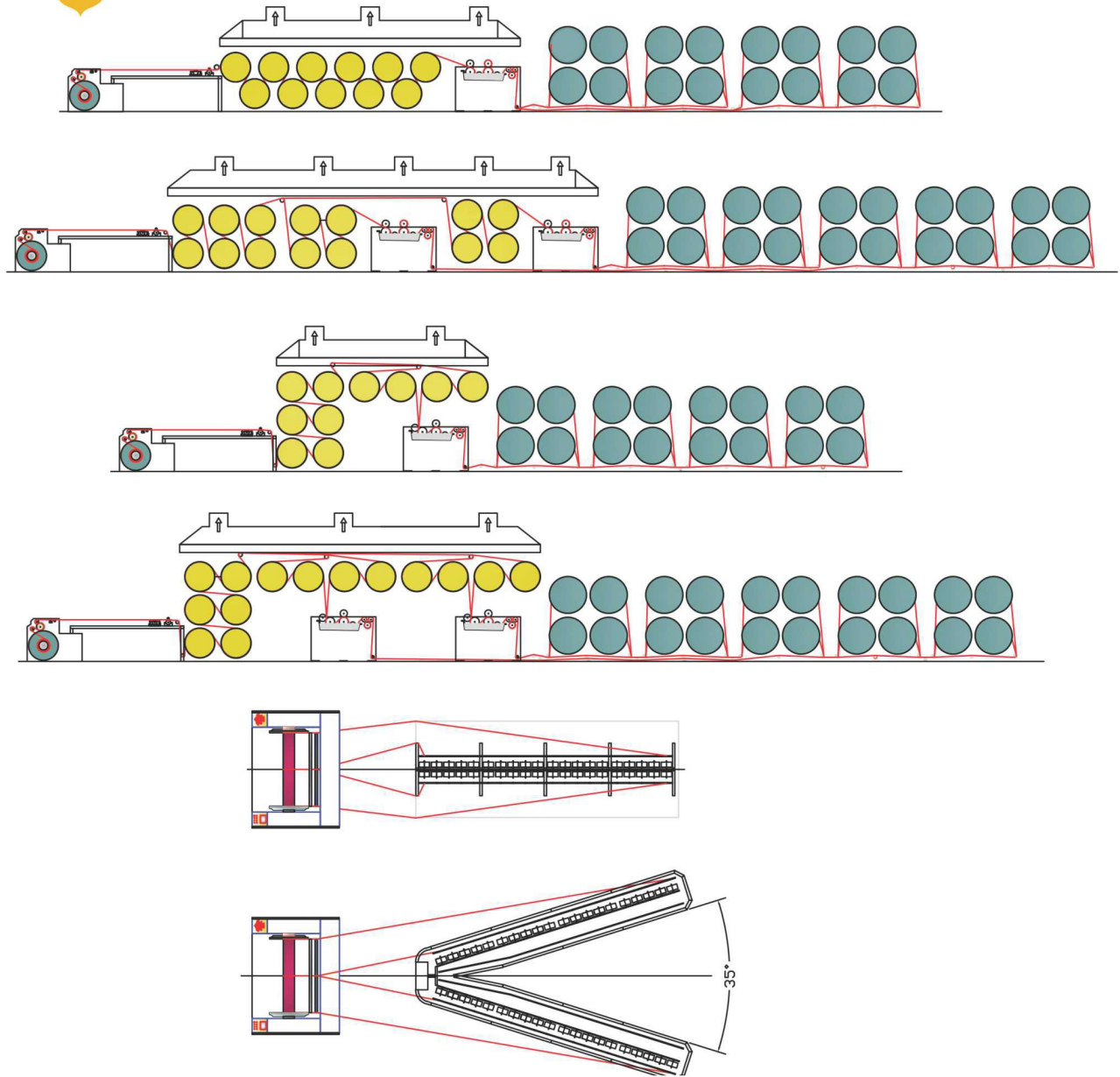
### Automated Mixing, Cooking & Storage System & Flow up to Size Boxes and back.



### Moisture Controller



- 3 Sets of accurate moisture sensors provided.
- Moisture % can be set through PLC from main Touch Screen.
- Lamps indicate status of Moisture and % maintained through PLC.



Models	Excel-1SB	EXCEL-2SB	Ultimo-1SB	Ultimo-2SB	Ultimo-EX-2SB
Width (mm)- up to	2400 mm	2800 mm	3200 mm	3200 mm	3200/3600 mm
Winding diameter (mm)-up to	Ø800, Ø1000	Ø1000	Ø1000	Ø1100	Ø1100, Ø1250
Waxing	Mechanica	Mechanical	Inverter	Inverter	Inverter
Number of Drying Cylinders-up to	11 Cylinders	14 Cylinders	11 Cylinders	14 Cylinders	14 or 16 Cylinders
Number of beams up to	16	20	20	24	40 Magazine
Braking on Creel Beams	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Type of Dips	SIDS	DIDS	DIDS	DIDS-Wet	DIDS-Wet
				Squeeze	Squeeze
Speed (m/min)	1-80	1-80	1-100	1-125	1-150
Squeezing force (KN)	0-15	0-15	0-30	0-30	0-40
Type of Drive	5 Point Vector	7 Point Vector	5 Point Vector	7/9 Point Vector	9 Point SERVO



### Sales Offices at :

- Mumbai
- Surat
- Ahmedabad
- Rajasthan
- Ichalkaranji
- Coimbatore

### Sales Office :

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