



The World of
**Preparatory Weaving
Equipment**

JAYTEX WARP TYING EQUIPMENT.

JAYTEX WARP LEASING-IN MACHINE.

JAYTEX WARP REACHING-IN MACHINE.

Manufactured By :

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JAYTEX takes pride in presenting their weaving preparatory products to the textile weaving units throughout the textile world.

JAYTEX was formed in 1964 with the aim of manufacturing machinery for weaving preparatory department. **JAYTEX** products have easy adaptability to different methods of use, suitable for all types of yarn, looms and departmental layouts. **The main aim of the company is total customer satisfaction.**

Through our R & D and strict quality control we are very sure of our metallurgical know how and the mechanism of each equipment. All components including electrical are developed and made at our works for trouble free use & easy availability at any time.

JAYTEX also enjoys the approval of **Textile Commissioner, Textile Committee and Government bodies like National Textile Corporation, & State Textile Corporation, Textile Machinery Manufacturers Association (India), Engineering Export Promotion Council.** The product is backed by prompt service and regular follow up by our team of specially trained technicians. The Company also provides full service & spares as and when needed. Situated in textile city of Ahmedabad we are very close to Mumbai which is one of the main port for exports.

SUBSTITUTING HIGH COST MACHINES WITH ECONOMICAL, EFFICIENT AND EQUIVALENT PERFORMING MACHINES.

JAYTEX FULLY AUTOMATIC WARP TYING EQUIPMENT.

Tying installations, which requires a minimum of time for changing the warp contributes a lot to the efficiencies and low stoppage rates of the high performance looms. The **JAYTEX** warp tying equipment fulfills this requirement to a large degree. **JAYTEX** is the pioneer in developing warp tying equipment with 100% Indigenous components. End to end warp tying at a high speed, directly on loom along with healds, reeds etc. The working range of this machine is practically unlimited it can tie any material with or without lease may it be cotton, spun, worsted, filament, P.V. or woolen from finest to coarsest with high efficiency at low labour cost. Easy adaptability to different tying methods at any time. **Maintenance free timing belt drive in all the machine.** It is a guarantee for service, spares & economy.

MODELS OF WARP TYING MACHINE

- JS** : Tying from both sheet to sheet for sized warps, selection by selector needles, count range 6's to 60's single.
- JL** : For leased warps. Tying from both lease to lease, for the warps wound on sectional warping or leased by machine after sizing with double lease. Count/Din. range 100's cotton / 50 Din. filament up to 6's cotton 2000 Din. Any type of mixed blends, worsted, spun, P.V. etc.
- JSL** : Universal type provided with lease to lease & sheet to sheet tying module. Yarn range as above.
- PUAC** : Specially developed for suiting, shirting & furnishing. With tech. Provision any counts and any type of yarn in un-even condition provided in a single width, can be knotted with or without lease (2 selection system). Addition with either type module can make the machine universal.
- Pattern Control** : Specially developed with multiple selection system, to be used as per your knotting needs. It can take care of any type of pattern with multiple selection system, and double end knock-off arrangement. With elect. stop motion in case of any kind of fault in selection. Displays pattern counts and repeats in progressive counting. The system can handle virtually different variety of material very delicately without any damage, be it multi filament, pure silk, double or single thread with multi colour pattern, and variation in yarn count and Din. wound in one single width, with or without lease, ranging from finest to coarsest. Ideally suitable for suiting, shirting and furnishing.
- PU** : Specially developed to take care of filament, satin and fibrous yarn (Label Weaving). To avoid filamentation, abrasion on the yarn to be selected and are kept away from the brush, by pushing method. Thus the separated thread only is taken for knotting.
- HD** : For very heavy counts and Din. sheet to sheet or lease to lease ranging under 6's up to 4 X 6 and 3000 Din. "PUAC" HD model machine is recommended.

YARN DRESSING FRAME :

JAYTEX yarn dressing frames are manufactured as per your requirement in height & width, ranging between 50" to 160" suitable for any type of looms and layout. They are vertically and horizontally adjustable and are made out of specially extruded alloy sections which are very sturdy, light weight and at the same time durable for year of service. Detachable couple type frame for double beam looms is also provided.

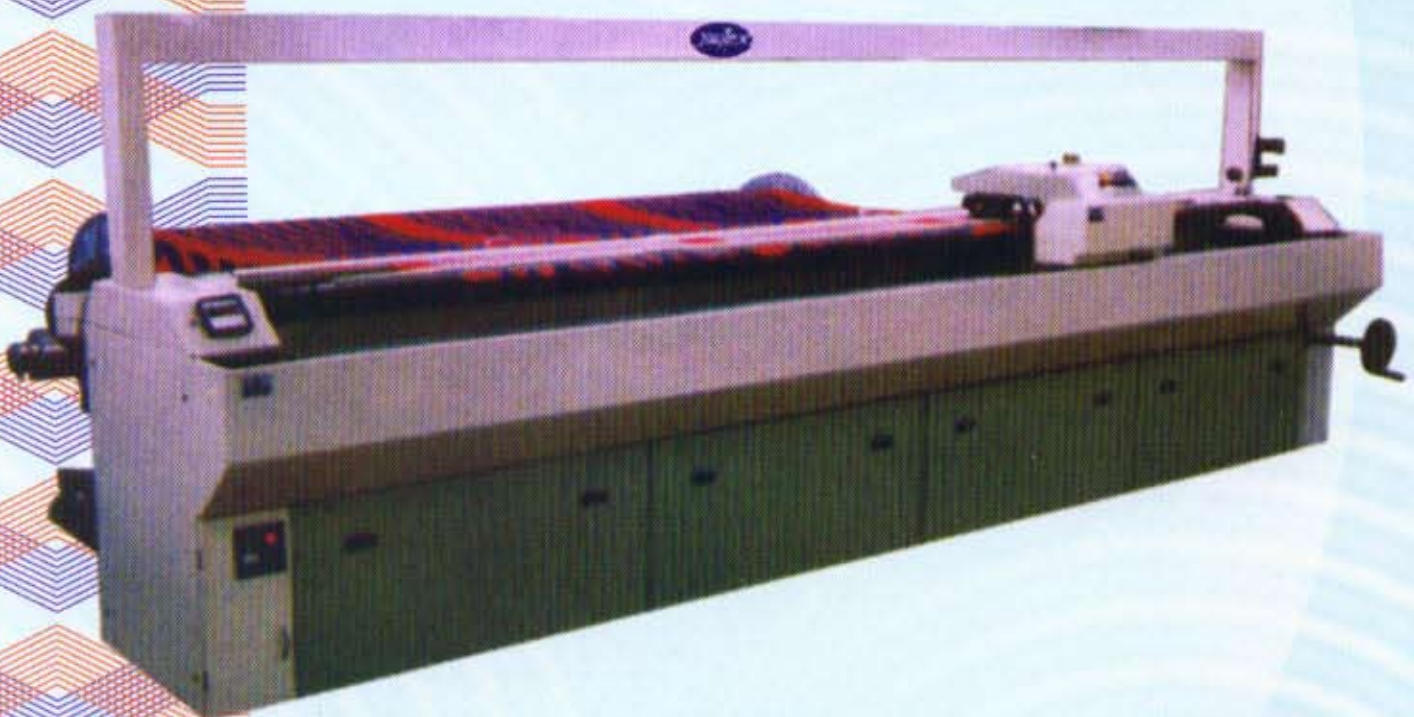


JAYTEX FULLY AUTOMATIC WARP LEASING - IN MACHINE.

One of the most important stages in the preparation of warps for weaving is the insertion of the lease. This process establishes the warp ends in the sequence prescribed by the warper or beamer. It is especially important to have the correct sequence in densely set of patterned warps, as well as in warps containing fine yarns, such as synthetics, filament or worsted yarns. By using **JAYTEX** universal warp Leasing-In machine the preparatory process in your weaving will become highly rationalized, all type of sized warps can be automatically and correctly leased at a high speed. Leasing each and every warp end means arresting them in their original position, and not allowing them to migrate.

Fully automatic **JAYTEX** AFM 2 Model Warp Leasing-In-Machine's selector carriage is now with new features, advancing movement of the same is in co-ordination with the density of the warps. The unique gear assembly, with sensitive advance feeler makes it possible. The selector carriage moves on the toothed rack exactly as per the spacing of the yarn, to enable the selector needle pick up only one thread at one time. Also second knock off selector is provided to prevent double thread leasing.

- ▶ Consequently it improves.
- ▶ Even tensioning to each warp over the entire width.
- ▶ Reduction in fluffiness in the warps.
- ▶ Reduces end breakages during weaving.
- ▶ Frequent loom stoppage is reduced.
- ▶ Improves the quality of woven products.
- ▶ Rationalizing the preparatory process.
- ▶ A must for high speed and jet looms.
- ▶ A boon to the filament single end sizers and weavers.
- ▶ High productivity at low labour cost.





JAYTEX WARP REACHING-IN MACHINE

JAYTEX warp Reaching-in machine is used by most of the large weaving mills, in India and abroad. Semi automatic requires only one drawer. 100% Indigenous. Sturdy and durable frame work. Suitable for all type of yarn cotton, synthetic, blends, woolen blends with different colours and patterns in single warp sheet. Suitable for all types of warp beams, held frames, droppers and reeds. Wide range of R.S. width, according to your loom beam size.

JI Type Warp Reaching-In Machine.

Works without lease. Suitable for sized or unsized warps with uniform count over a width of weaver's beam which is to be drawn on this machine, single or double, twisted with S or Z twist. Selector carriage sorting and progressing speed is controlled automatically according to the density of yarn and picking speed of the drawer. The selecting carriage provided with a compact F.H.P. Electric motor suitable for continuous operation. Automatic stop motion provided, in case thread is not drawn from the magazine or to co-ordinate with the drawing speed of the drawer.

JII Type Warp Reaching-In Machine.

Works with one up one down double lease. Suitable only for leased warps. Warp beams drawn on a sectional warper, or leased by auto-leasing machine. Material range is practically unlimited. Any warp yarn of which the intended fabric is to be woven should it be from natural or manmade, synthetics or chemical fiber, even in one single warp beam there may be different counts or different quality of yarn, with different colours and pattern specially suiting and shirting, double or single, twisted with S & Z twist. The selector can exactly separate the warp end as per the lease without any failure or damage. The carriage moves according to the density and speed of the drawer. Provided with auto stop motion in case of selection failure or to co-ordinate with the drawing speed of the drawer.

