

## Morrison Textile Machinery exhibited MDS 450 Ball Warper

Morrison Textile Machinery (USA) exhibited for the first time at ITM Istanbul their MDS-450 Ball Warper. The Ball Warper and MDS-550 ReBeamer allows Morrison to exclusively offer a single source of supply and responsibility to their customers.

Morrison Denim Systems also includes their **Spectrum™ Indigo Rope Dye Range** and Denim Finishing Ranges. Morrison Textile Machine Co, who is celebrating their 50th anniversary has installed over 300 Indigo Rope Dye Range and Denim Finishing Ranges on 6 continents.

Each of these new denim preparation machines include technology to improve the rope dye process.

Morrison's Ball Warper MDS-450 BW includes several unique and innovative design features which will deliver a first class ball to the rope range.

- ❖ Servo driven linear traverse, programmable for infinite speed/travel adjustment allows the ball width to be tapered as the diameter builds which eliminates "picking" in the rope range creel.
- ❖ Smart Stop Technology™ and Smart Lease Technology™ which increases

production, prevents yarn knotting at reduces broken ends.

Morrison's ReBeamer MDS-550 RB includes design features and options to provide superior rope yarn opening.

- ❖ Heavy duty, ergonomic design for beam diameters up to 1 meter.
- ❖ AC Drive and control system for full functionality (stop/jog/run, doffing, beam reversing).
- ❖ Semi Automatic Beam Doffing.
- ❖ Fast acting double end brakes.
- ❖ Sheet strummer.

### Optional features include

- ❖ Press Roll with kick back.
- ❖ Elevated Reverse Accumulator with improved design for speeds up to 60m/min.

## Morrison also exhibited SanforTROL™

SanforTROL™ is the first fully automated compressive shrinking closed loop control which continuously controls shrinkage in accordance with precise preset linear fabric measurements from it's exclusive YieldMAX™ system. Control is accomplished as the Quality Control



MDS 450 Ball Warper.

Loop targets the recipe based residual shrinkage and makes an automatic adjustment to Felt Palmer speed should the shrinkage deviation trend outside the high/low limits.

Simultaneously, the Catenary Loop Control trims the Rubber Belt compression to maintain preset distance between fabric and the acoustical measuring device. The Moisture Control Loop feature, maintains target moisture percentage by controlling water supply to an atomized spray system or steam supply to drying cylinders.

SanforTROL™ maximizes fabric quality, increases fabric yield and reduces process costs.

Courtesy: Morrison Textile Machinery  
([www.morrisontextmach.com](http://www.morrisontextmach.com)).◆

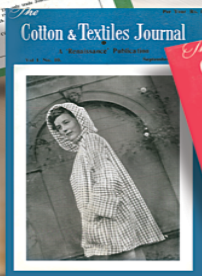
## Pakistan *textile* Journal

We wish to announce for all concerned that some old issues of the **Cotton & Textile Journal**, launched by me in **December 1950** and renamed as Pakistan Textile Journal in **March 1953**, are missing in our archives.

Also missing is **Pakistan Cotton & Textile Manual**, a Souvenir publication, published by the undersigned on art paper on the occasion of the first Pakistan International Trade fair, organized by Mr.A.M. Jamil in Karachi in October 1950.

If these publications (issues) are available with any reader/subscriber of ours, we would like to buy these from our valued client or alternately get photocopies thereof for our archives.

A suitable reward may also be considered.



*Mazhar Yusuf*

MAZHAR YUSUF  
Editor-in-Chief