

EliTe®CompactSet-S

EliTe®CompactSet-S Modernization of Existing Ring Spinning Frames

The Principles of the EliTe®CompactSet-S

- To process effectively carded and combed cotton, man-made fibres and their blends
- To arrange the fibres in a completely parallel and close position before twist is imparted
- To embed all fibres and fibre ends into the yarn body
- To eliminate the spinning triangle
- To condense the drafted fibre strand by air flow

How you can benefit from Spinning

- up to 25% increased yarn strength
- up to 50% increased work capacity
- up to 85% reduced hairiness (Zweigle S3 fibres > 3 mm)
- up to 30% reduced hairiness (Uster H)
- Improved IPI imperfection values
- up to 10% reduction in yarn twist
- up to 60% reduced ends-down rate
- Fibre loss reduced by up to 0.01%
- substantially improved spinning stability

Main Benefits in the Downstream Processes

- With less hairy yarn your machine will experience less contamination
- Weaving production will increase by up to 15%
- See enhanced machine efficiency in knitting
- Twist insertion into plied yarn will reduce by up to 20%
- Save up to 50% in sizing agent
- Up to 40% lower ends-down rate in warp and weft
- In many cases singeing can be dispensed with
- Improved hand and lustre in the final product
- Reduced abrasion
- Experience fewer needle breaks
- Substitute for plied yarns
- Improved pilling behaviour, crease resistant
- ...

... and much, much more...

EliTe®Compact Spinning Modernization System for short-staple fibres available for ring spinning machines of:

- Rieter

- Zinser
- Lakshmi
- Toyota
- Marzoli
- Chinese manufacturers