

## Automation upgrade complete with 22 drives

In the summer of 2003 MES has equipped a mercerising and washing unit with brand-new automation technology.



Control cabinet old



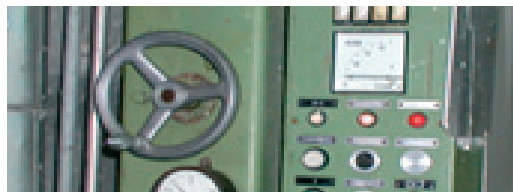
Control cabinet new

### Technical specifications

- Year of construction approx. 1980
- Downtime 4 weeks
- D.C. drive technology replaced by 22 standard A.C. motors with frequency converters
- 21 high-resolution absolute encoders complete with profibus connection
- PLC Siemens S7-300 with ET200 peripheral unit
- 2 Touchpanels Siemens MP370 with visualisation and malfunction messaging system with PROTOOL
- Video monitoring for plant intake and runout areas
- Remote servicing
- Complete remodelling including incoming supply, control cabinets, cables and wiring

### Advantages

- State-of-the-art, maintenance-free technology
- Reliable production availability
- Increased productivity
- Lower amount of maintenance and service
- Smaller spares inventory
- Expandable with operating data management system
- Customised remodelling concept
- Short downtime



Operator panel old



Operator panel new

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... more than drying systems

MES | comtec<sup>®</sup>  
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