

Improved threading performance

Threading specialist William Kenyon & Sons Ltd has undertaken an extensive programme of rope system

improvements on four paper machines at a mill in the south of England.

Four new calender/reel rope systems have been installed and three existing dryer section systems have been upgraded.

The original justification for the projects focused on safety issues, but the mill has also benefited from

significantly improved threading performance across all four machines.

There were a number of design

challenges to be overcome by the new calender/reel systems, particularly in relation to driving the ropes. However, the expertise of the William Kenyon technical team enabled cost

effective solutions to be devised and successfully implemented.

The existing dryer section rope configurations on three machines have

been rebuilt with William Kenyon crossovers and modified 'dog leg' releases at the transfer areas, resulting in enhanced tail feeding through the dryers. Additionally, tensioners have been relocated from the high temperature conditions above the dryers to positions under the walkways. A further benefit is that tensioner maintenance will now be far more straightforward.



William Kenyon - a single source for paper machine threading



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