Paper tail threading improved

William Kenyon (Ropes & Narrow Fabrics) Ltd based in Dukinfield, Cheshire, UK has had another busy summer supplying carrier rope threading equipment and supervising its installation at two paper mills in France, Allard Emballages and Nonnapak Saint-Avit, and at International Paper in Inverness, Scotland.

The two systems in France included the company’s unique ‘Dog Leg’ release transfers, which are designed not only to improve threading of the paper tail between dryer sections but also to increase carrier rope life. Machine frame constructive rope transfer and correct constructed crossovers, using only vertically mounted pulleys, ensure that alignment during the change of rope direction to the outside of the machine line is effectively controlled.

At International Paper the installation of two new carrier rope tensions is helping to improve paper tail threading whilst the automatic dual tensioners is helping to improve paper installation of two new carrier rope tensioners incorporated in the carrier rope life.

Germany, Thailand and the Philippines, it is clear that many mills are looking to improve carrier rope threading and take advantage of the rapid return on investment on offer with this kind of project.

To further assist our customers we have produced an animated film illustrating the recommended splicing method for braided ropes to provide mills with an instantly available training tool for new starters or refresher courses. A correctly spliced rope is essential for maximising rope life and for minimising the potential for unscheduled downtime due to rope losses.

Safety courses announced

Pilz Automation Technology is one of the UK’s leading providers of training in machinery safety and Health & Safety management. The company has published a booklet outlining the courses and timetable for July to December 2008. Many of the courses in the first half of 2009 are oversubscribed, so anyone interested in attending a course is urged to make a provisional booking as soon as possible.

Two types of course are available: those relating to regulations and standards, and others specific to Pilz machinery safety products.

Comprehensive information about all of the courses is included in the new booklet.

The following regulations and standards courses are available:

- City & Guilds 4-day Machinery Safety Course
- City & Guilds 2-day Machinery Safety Course for Managers
- City & Guilds 1-day Machinery Safety Course for Supervisors
- IOSH Managing Safety New Version Syllabus 3
- IOSH Managing Safety Recertification Syllabus 3
- EN 61508 Course
- Introduction to EN EC 62061 and EN ISO 13849-1

- Machine Builders Course
- Design of Hard-Wired Electrical Safety Systems for Machinery
- Requirements for Maintaining Plant and Machinery

Product training courses are:

- PSS Programming Course
- PSS Service and Trouble Shooting Course
- SafetyBUS p Programming Course
- SafetyBUS p Service and Trouble Shooting Course
- PiX® with Configurable Safety Controller Course

All of the scheduled courses take place at the Pilz training facilities in Corby, Northamptonshire, UK, but additional courses can be organised at company premises or other venues.

Pilz can also take some of the courses to suit specific needs of companies and/or individual attendees, applying the same rigorous quality assurance techniques to these as are applied to the scheduled courses. A PDF or hard copy of the booklet can be obtained by contacting the company as below.

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First dilution controlled headbox

Walmseys Limited has recently won an order from PMT Italia SpA located in Rho, Italy to supply an Air Turn for installation at St Regis Paper Company, Kesmeiy Mill, Kent, UK on its PM1 rebuild project.

St Regis PM1 currently produces office paper but will be rebuffed to produce high quality lightweight recycled board. This project will mark the 350th Air Turn that Walmseys has supplied to customers across the globe.

The 550mm radius stainless steel unit will be installed after the existing size press and will replace a paper roll to enable non-contact turning of the paper board preventing picking of the size. Production of the new grades is planned to start in January 2009.

Since the invention of the Air Turn by Walmseys Industries in 1983, the original design has been continually refined to improve its operation and enable the company to remain at the forefront of non-contact air flotation technology.

As a result of this continuous development, the Air Turn is fully automatic with no operator involvement. Any changes in the paper operating tension are accommodated within the closed loop control system of the unit. This results in total contact free operation with a stable paper sheet without edge vibration which can cause paper breaks.

In a number of instances the Air Turn has also proven to be extremely effective at smoothing out any wrinkles and flutes which have formed in the web after the size press. This enables a flat sheet to be presented to the bow roll and after-drying cylinders thus avoiding creases being created.

Walmseys Industries offers unrivalled worldwide experience in drying, curing, cooling and non-contact handling of coated and impregnated web materials, whether the substrate be paper, film, foil, heavy metal strip or textiles.

350th Air Turn in 25 years

Sponner Industries Ltd of Ilkley, UK has recently won an order from PMT Italia SpA located in Rho, Italy to supply a Air Turn for installation at St Regis Paper Company, Kesmeiy Mill, Kent, UK on its PM1 rebuild project.

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Fine quality spreader rolls

The acknowledged fine quality of Tecnomec3 spreader rolls, together with realistic pricing and quick delivery times, has resulted in a noticeable standardisation on new and replacement Tecnomec3 rolls by UK tissue and paper mills.

Formed in 1994 and represented in the UK for the past 13 years by Jashrire Ltd., Tecnomec3 has employed advanced technology to develop into one of the world’s leading manufacturers of spreader rolls destined for applications in the paper, plastics and textile industries. Designed to eliminate creases and wrinkles from the material being processed and prevent interweaving of slit widths of material in slitting applications, the Tecnomec3 range includes curved spreader rolls with rubber covering, curved metal spreader rolls, adjustable bow curved spreader rolls and rolls with internal cooling and automatic greasing.

Tecnomec3 is able to manufacture special designs to a customer’s individual requirements and repair any make, type or size of bowed roll.