

NEW TECHNOLOGY

CUTTING COSTS WITHOUT CUTTING CORNERS

With the current economic climate causing a slow down in most industries, many businesses are looking at ways to reduce expenditure without compromising on production. A viable solution would be to repair, improve and maintain existing equipment. Spooner Industries, a world leader in forced convection technology, has developed a Technical Services Division to do just that.

Complimenting the company's established capabilities in the design and manufacture of dryers and coolers, the new division allows new and existing customers to take full advantage of repair, services and support systems that will optimize reliability, reduce downtime, improve energy efficiency and reduce costs.

Spooner's Sales & Marketing Director, Steve Newell said, "With the present economic downturn it makes sense to repair and maintain existing equipment. The Technical Services Division has been developed by our team of specialist engineers to ensure you achieve optimum efficiency from all your process machinery."

Last year the Technical Services Division helped Neenah Lahnstein, manufacturers of high quality

synthetic fibre in Germany, save a substantial investment by repairing an air float table originally designed by Spooner in 1986. Twenty years usage led to the equipment used in Neenah Lehnstein's paper drying process, being less efficient and in need of replacement air foil nozzles. After consulting Spooner Technical Services Division the spare parts needed were manufactured in-house to the exact specification they had been made to over 20 years earlier. As a result, the equipment is once again running to its maximum efficiency.

The Technical Service Division combines essential process skills and machine building knowledge to carry out equipment inspections and reports, advice on maintenance schedules, upgrades, recommendations and supply of spare parts, expert repairs, plant refurbishment, restoration and relocation, in house test facilities and bespoke solutions.

For more information please contact Kate Baker, Marketing Manager for Spooner Industries on +44 1943 609505 or email kbaker@spooner.co.uk

GOOD NEWS FOR YELLOW LOVERS

Clariant's Paper Business launches a new Yellow cationic dye, Cartasol® Yellow M-NGL liquid, specially developed for packaging and newsprint.

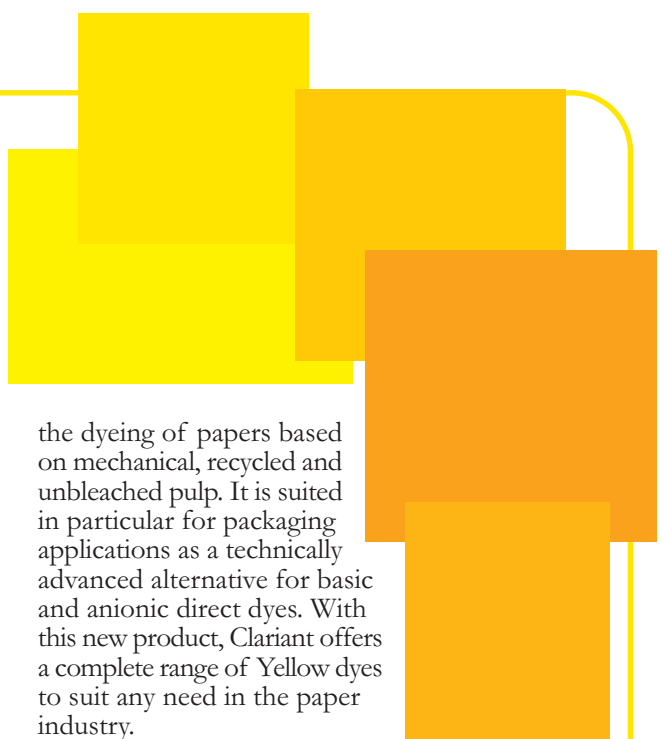
Cartasol Yellow M-NGL liquid is a brand new molecule which is unique to Clariant, with no equivalent on the market. Clariant R&D experts came up with the idea of a new intermediate bridge, a diamine function, which can take different positions. This allows modifications to the shade and brilliance of the new dye, as well as its fastness properties, substantivity or solubility in water. This new technology will benefit the dyestuffs under development in Clariant laboratories.

Safer product

Cartasol Yellow M-NGL liquid meets REACH requirements and features a good H&S profile, with a formulation free of all MAK3 amines. It has excellent substantivity, allowing clear backwaters to be released from the paper mill.

The Yellow you need

Cartasol Yellow M-NGL liquid is ideally suited for



the dyeing of papers based on mechanical, recycled and unbleached pulp. It is suited in particular for packaging applications as a technically advanced alternative for basic and anionic direct dyes. With this new product, Clariant offers a complete range of Yellow dyes to suit any need in the paper industry.

For more information, contact your nearest Clariant supplier. Cartasol Yellow M-NGL liquid is available for sale in South Africa with development work happening in the local labs.



ONLINE SYSTEM FOR STANDARDIZED PULP MEASUREMENTS – L&W PULP TESTER

To optimize and control the pulp and papermaking processes, operators need frequent and fast pulp quality information. With this in mind, Lorentzen & Wettre has announced L&W Pulp Tester, a comprehensive system for automatic quality control of the pulping process. It can be customized to meet the customer's requirements regarding measurement of different properties, and it is an alternative for all pulp and papermaking applications – constantly providing a complete pulp quality specification.

L&W Pulp Tester is built up of different modules, for example; fibre morphology (length, width, deformations, fines etc.) including fully automatic measurement of coarseness, optical properties (brightness, colour and ERIC 950), and standard freeness (Canadian Standard Freeness and Schopper-Riegler). Shives content and distribution are measured with optical technique and with better statistical significance than ever. Gravimetric consistency measurements give a new dimension to many pulp properties besides Coarseness. L&W Pulp Tester can handle up to 10 process samplers and has a cycle time down to 4 minutes.

“The system provides reliable and fast fibre measurements. A small measurement gap according to the standard for fibre length measurements secures a perfect alignment of the fibres in the measurement cell, which is unique for online fibre analysers,” says Håkan Karlsson, Product Manager for L&W Pulp Tester.

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GOING OFF-ROAD

Donaldson Filtration Systems has been associated with Nissan Motorsport's participation in the local off road championships for more than 6 years, for which Nissan has won the driver's and co-driver's championships, as well as the manufacturer's championships.

Nissan Motorsport produced four custom built Navara's which were privately entered in the 2009 Dakar rally.

This year, the Dakar rally took place in South America and according to many was considered one of the toughest in recent history. A gruelling 15 days racing through the deserts and Andes Mountains in Argentina and Chile.

Norwegian Ivar Erik Tollefsen and his English co-driver Quin Evans, finished fourth overall in their South African built Nissan Navara pickup. Fifth overall were Poland's Krzysztof Holowczyc and his Belgian co-driver Jean-Marc Fortin followed in 20th by Hungarians Laszlo Palik and Gabor Darazsi.

Due to Donaldson and Nissan's tried and tested partnership on the local front, Nissan used a product they considered the best and most reliable, choosing Donaldson Filters when producing their Navara's for the Dakar rally. 