

Key components for yarn production

Hammelburg and Wattwil, June 21st, 2010 – Energy saving, increase in efficiency and premium quality are only three key words to describe the novelties. Daytex, Heberlein and Temco are the leading specialists in processing synthetic continuous filament. We are looking forward to welcoming you at this year's ITMA to present all product innovations at hall W2, booth C 52.

Product lines Daytex and Temco

Oerlikon Textile Components sets new standards in energy efficiency. The inter-divisional development of the recent **Temco® Nip Roller Unit** generation, consisting of **Daytex® Cots** and **Temco® Nip Roller Bearings** enables energy savings from up to 50% compared to conventional nip roller units.

Customers benefit not only from savings but also from the expertise of two world leading specialists in their field. The outstanding quality of Temco® Bearings composed by a special bearing with life time lubrication is warrant for a constantly quiet running behaviour and safe yarn control. High resistant Daytex® Cots made of an elastomer compound attuned to specific requirements assure superior results relating to texturing quality and regularity.

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Product line Heberlein

The world-leading air interlacing and air texturing jets for synthetic continuous filament yarns are distributed under the product line Heberlein. Heberlein® Air Jets are in operation at migration, interlacing, air covering, detorque and texturing. Stationary and portable Heberlein® Aspirating, Cutting and Splicing units complete the product range.

The new **Heberlein® FibreJet SP** and **FibreJet Migra** jets are suitable for the efficient interlacing and migration or preinterlacing of flat yarns (POY and SDY/FDY).

As for the Heberlein products characteristic, the Heberlein® FibreJet program features major yarn quality. The jets ensure a constant interlacing performance and high position to position uniformity. A long product life even under extreme environment conditions is guaranteed by the robust and corrosion resistant housing. The protective function of the housing design shields all high value ceramic parts. A further influencing factor on yarn quality is the low friction surface of the ceramic parts which avoids filament damages and leads to most effective interlacing or migration.

We are looking forward to presenting the **Heberlein® MultiJet** - the first open/close system - for all spinning processes. The field of application covers the migration and preinterlacing of textile multifilament yarns made of polyester, polyamide and polypropylene.

The open/close design – in comparison to an open jet - ensures a more efficient use of the compressed air energy. This results in lower air consumption at identical performance respectively in a larger yarn count range. The compact design of the Heberlein® MultiJet features minimum threadline spacing for a maximum number of threads. Higher ease of use is given by the threading aid device for a simplified and fast threading. The retrofit to another jet type - for a fast reaction on changing market trends – can be done by an easy replacement of the jet pack.

Product line Temco

The assortment of the Product line Temco enfold outstanding mechanical components for textile machinery such as air jets, bearings, friction discs, friction units and spindles.

We are pleased to present the new generation of **Temco® Twist Stoppers**. The range of application covers all yarn counts, profiles and lustre, for any type of textured yarn. Based on the experience as the technology leader in texturing, we are able to set new standards. A fast and secure replacement of the star wheels or bearings is guaranteed by the assembly with snap-fit, this means an assembly without screws. The choice of materials for the star wheels, a diamond-polished advanced ceramic – prevents from any damages of the microfibers. As there is no slot between the two wheels yarn wraps cannot enter and get stuck. Highest process stability will be achieved by the undisturbed yarn flow and secure a smooth twist stop.

The new generation is suitable as original equipment or retrofit for all existing types of texturing machines. Due to low friction, there is no additional tension on the yarn which warrants a constant yarn quality.

The newly developed **Temco® Separator Rollers** are meeting the market demand for higher speeds. This generation is construed for yarn speeds up to 4,500 m/min and a yarn temperature of 160°C. In comparison to the previous designs an improvement in matters of speed of up to 40%.

The separator rollers are applicable for technical and non-technical yarns in spinning processes as POY/FDY/SDY and spin draw texturing of BCF (for carpet yarns).

The resonance free running and the operation at high yarn tension forces are only two of the product advantages.

The surface of the separator rollers has to resist extreme loads and corrosion caused by spin finish, therefore the choice of the materials vital. In order to protect the yarn safely the rollers are standardly coated by yarn friendly chromium.

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About Oerlikon Textile Components

Oerlikon Textile Components with its well established product lines Accotex, Daytex, Fibrevision, Heberlein, Temco and Texparts is one of the worlds leading suppliers of quality determining components for all filament and staple fiber spinning applications.

Highest quality and reliability are the common characteristics of all products. Continuous development ensures that Oerlikon Textile Components will always strengthen its leading position as the component supplier of choice to the spinning industries.

Oerlikon Textile Components with manufacturing facilities and sales offices in the Americas, Europe and Asia is headquartered in Switzerland. A global network of experienced representatives ensures prompt service and close contact with our customers in spinning mills as well as with the leading machine manufacturers.

For further information visit: www.components.oerlikontextile.com

About Oerlikon

Oerlikon (SIX: OERL) is a leading high-tech industrial group specializing in machine and plant engineering. The company is a provider of innovative industrial solutions and cutting-edge technologies for textile manufacturing, thin-film coating, drive, vacuum, solar energy systems and advanced nanotechnology. A Swiss company with a tradition going back 150 years, Oerlikon is a global player with around 16,000 employees at 157 locations in 36 countries and sales of CHF 2.9 billion in 2009. The Company invests more than CHF 200 million annually in R&D, with over 1 200 specialists working on future products and services. The operative businesses rank either first or second in their respective global markets.

Alfred Sommerfeld

Dipl. Ing. (FH)
Senior Manager R&D, Product lines Daytex & Temco
T +49 (9732) 87262
F +49 (9732) 914522
alfred.sommerfeld@oerlikon.com

Ueli Mauerhofer

Senior Area Sales Manager Asia
T +41 71 987 44 08
F +41 71 987 44 45
ueli.mauerhofer@oerlikon.com

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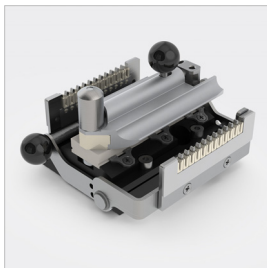
Enclosed: Pictures with Caption



Temco® Nip Roller Units consisting of
Daytex® Cots and Temco® Nip Roller Bearings



Heberlein® FibreJet SP and FibreJet Migra - Heberlein
Quality for maximum reliability and product life



Heberlein® MultiJet the first open/ close jet for all spinning
processes



Temco® Twist Stoppers based on the experience of the
technology leader



Temco® Separator Rollers for speeds up to
max. 4,500 m/min