

  
competence in twisting

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Dear Reader



The year 2009 will certainly be remembered by us for a long time. It has shown that borders are real in a global economy. However, the year 2009 has also revealed new opportunities, since every border can be opened, with new potentials and attractive fields of activity opening up for creative enterprises.

We have used this extraordinary year as an opportunity for our customers and for us. We have been intensely working on our products, developing new solutions and optimising our service structures. All this will be of use to you in the coming years. The cautious optimism currently accompanying us is based on positive signals from the markets and gives hope for the year 2010. And not least because of these signals, the ITMA Asia staged in Shanghai next year will take up the positive trend in the textile industry by showing innovative new solutions.

It is in this spirit that my team members and I wish you all the best for the year to come.

*Jan Röttgering, Managing Director Oerlikon Saurer*

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### 3-ply cord on Allma CC3



#### Allma CC3: Economic production of 3-ply cord in two-for-one twisting process

3-ply cord can be manufactured in ring twisting, cabling and two-for-one twisting processes. The latter process features decisive assets: flexibility, quality and cost-effectiveness are convincing arguments. The new Allma CC3 combines the processes of cabling and two-for-one twisting in an intelligent way. Symmetrical 2-ply tire cord constructions are, as usual, economically cabled in top quality. Single and 3-ply constructions are very efficiently twisted according to the two-for-one twisting principle and used in high-quality tire cord fabrics.

In the two-for-one twisting process, initial twist and final twist are manufactured independently from each other in two stages, resulting in large and high-quality twist packages having long running times in follow-up processes. In addition, essential features are the flexible adjustment of the twist construction as well as the efficiency with higher delivery speeds. This is reflected in tangible cost advantages of up to 40%

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### Plant operating centre POC



#### Successful pilot project for Plant Operating Centre (POC) has started

Information on production efficiency levels, runtimes, machine breakdowns and their causes, as well as on corresponding actions is vital for customers. So far, this data could be only collected and evaluated manually.

But now the times of calculation formula, lists and tables are over. The Plant Operation Centre (POC) stands ready delivering online data on all relevant production parameters from the LAN networked machines to a central computer of the customer.

With the company MEP-OLBO based in Fulda (Germany) we have found the ideal partner who puts the efficiency of the POC system to the acid test. The first positive results validate the high expectations placed on the POC system.

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### MARTINELLI GINETTO



#### MARTINELLI GINETTO received two awards at DOMOTEX – Congratulations from Volkmann

On the occasion of DOMOTEX 2009, MARTINELLI GINETTO, the Italian manufacturer of high-quality carpet yarns and home textiles, just received two awards for its exceptionally innovative and visually fascinating yarns from “Wools of New Zealand”: one for “Yarn Innovator 2009” and one for “Best Visual Yarn”.

These awards are the reward for a careful choice of fibres, high quality, creative collections and excellent service, which are the keys for the worldwide success of the dynamic company with family tradition.

Twisted yarns are essential parts of the product range; they play a key role in the collections. For this purpose, MARTINELLI GINETTO has selected carpet yarn twisters from the Volkmann Product Line.

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## Reduction of operating costs



### Reduction of operating costs in the carpet yarn area

Innovative technologies have always been a Volkmann hallmark. In the areas of energy saving and operational safety we offer new customer-friendly e-save and Hi-Lo creel technology elements. e-save stands for energy saving and the Hi-Lo creel stands for reduced handling costs.

- The new generation of e-save cabling spindles  
The spindle and pot geometry plays the most important role in the energy balance of twisting and cabling machines. Especially in the processing of cabled yarns, the e-save cabling spindle offers a high energy-saving potential – a quantum leap in terms of cost-effectiveness. Another advantage is constituted by the adjusted package dimensions drastically reducing the handling costs.
- Upgrade of “Pneumatic Hi-Lo creel”  
The newly designed pneumatic creel leads to a marked increase in efficiency of the operators. The development objective of providing for an effortless operation in an ergonomically optimised loading height has been achieved. The new Hi-Lo creel facilitates the doffing and prevents potential downtimes caused by operating errors.

Download – Volkmann e-save spindle family



Download – Pneumatic Hi-Lo creel



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## Volkmann GT



Volkmann GT produces glass fibre and newly also yarns for technical applications

The Volkmann ring twisters GT 9 and GT 11 now allow for producing both glass fibre and yarns for technical applications. Equipped with a capstan feed device, both models are ideally suited for the processing of multi-ply twist constructions made of different materials. In the spindle gauges of 240 and 280 mm, these models process yarns in a fineness of 10 to 5000 tex on up to 144 spindles. In this process, single-motor drives for the capstan and the twisting spindle cater for some very high twist uniformity.

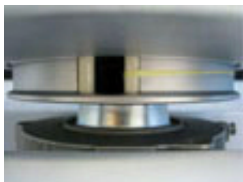
All important parameters like number of spindle revolutions, delivery speed of the capstan, ring rail speed as well as form and package build can be exactly adjusted.

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## Allma TCS Upgrade Packages



Innovative Allma TCS Upgrade Packages enhance your competitive position

The Allma TCS is a high-performance production machine providing huge benefits to you. To be mentioned are top twist qualities achievable also for sensitive materials, high efficiency, easy and safe handling as well as shortest possible idle times.

The new Upgrade Packages provide you with the opportunity to update your existing machinery and at the same time to benefit from the advances in technology.

We look forward to getting into contact with you; this is a good time for choosing one of these attractive offers. Get ready for the upswing to come, since the Upgrade Packages for the Allma TCS will enable you to vitally improve the effectiveness of your production plant.

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Review: Techtexsil 2009

The 13th Techtexsil in Frankfurt ended with a record result in terms of visitors and exhibitors. More than 23,000 qualified visitors used the trade show as a platform for a vibrant exchange of information. The positive results of the trade show suggest a reversal of the trend in the market. The centre of attraction of the Allma Product Line was the more advanced Allma TCS. The large spindle gauge of 830 mm allows for twisting yarns of up to 45,000 dtex, and the innovative assembly winding feature allows for assembling up to six yarns.

Outlook: DOMOTEX 2010

Fit for the future: a lot of new things at the DOMOTEX in Hannover: Along these lines, the Volkmann Product Line, together with Oerlikon Neumag, will present its new products to the experts from 16 to 19 January 2010. Inside the heart of the carpet industry, being a machine supplier we will offer opportunities for discussions around the topic of carpet and process technology.

Outlook: Tire Technology Expo 2010

Next year we will again invite you to the world's most important technology trade show for the tire and supply industry: the Tire Technology Expo 2010 in Cologne. The Allma Product Line will welcome its customers in Hall 9, Stand 9308, from 9 until 11 February 2010, and will provide to its customers detailed information about the latest technological trends around the efficient production of high-quality tire cord and technical yarns.

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