

Vandewiele present at DOMOTEX Hannover 2020!

What is needed today is an entirely digital machine or a complete integral digital production plant, which enables you to produce carpets of the highest quality with the greatest flexibility at an economical cost.

Therefore you need to visit the “Vandewiele stand”

Vandewiele offers complete carpet manufacturing solutions, from granulate to carpet. The portfolio contains BCF extrusion lines, heat-setting, tufting, carpet weaving machines and finishing lines. **The synergy of competences in these different fields leads to important technical breakthroughs for the benefit of the customer.**

The final quality of a carpet mainly depends on the quality of the yarn being used. The Vandewiele experience in woven and tufted carpet, combined with the technological know-how of efficient yarn production, has led to the development of Vandewiele extrusion equipment. Our technological support in combination with our knowledge of further downstream processing is unique in the world and significantly contributes to the customer’s success.



Starting with extrusion

The new generation **BXE+** is evidence of our dedication to offer the market the best possible solution for efficient yarn manufacturing. On Domotex we highlight the newly developed INCA Intermingling system with reduced air consumption and increased regularity of intermingling, and the 2-step drawing which offers supreme yarn properties. Additionally our customers can see and experience a Tricolor line in our new Experience Centre in Belgium.

After extrusion, yarns are often cabled and heatset. Since many years our French company **Superba**, part of Vandewiele, is a world-leading manufacturer of heatsetting equipment.

SUPERBA now offers two different heat-setting solutions for carpet yarn: The reputed **TVP3 heat-setting line** with saturated steam under pressure, and the new triple-layer **DHS3 line** with overheated steam. By extending possibilities and processes, whatever the fiber type you would like to treat or the result you want to obtain, would it be pinpoint effect, resilience, bulk or wear & stain resistance, **SUPERBA** has the right solution. Together with the unequalled **MCD3 space-dyeing machine** that enables a wide range of effects such as



bi-color spraying, one-pile/one-color or tone-on-tone, SUPERBA solutions for carpet yarn open up new perspectives for the carpet industry. To complete the range, SUPERBA also proposes the innovative **B403 automatic winder** with a constant tension winding process for delicate or thin yarns.

On the Tuftside



we will show samples of the **Colortec C+ 1/10"** and the **Colortec L+ 1/7"**, the most flexible & versatile tufting system in the market.

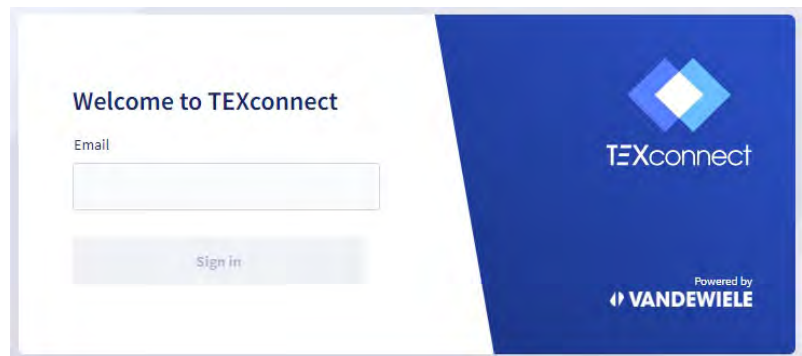
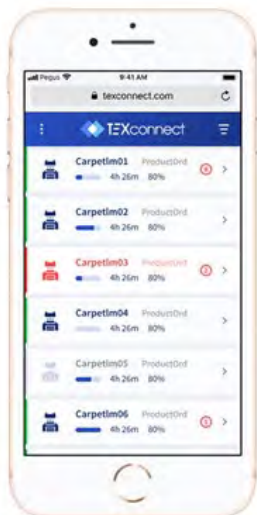
A wide variety of jacquard designs for tufted carpets and rugs, available in 5/32", 1/7" or 1/10" combined with a Small Creel creates a flexible system for quick color change and small runs.

With the **Colortec** and its ICN technology, the Individual Control Needle, a higher efficiency and quality will be reached. It will only tuft pile where required and therefore saves a lot of yarn for shaped carpets. Moreover, it allows you to tuft with "weaker" yarns (e.g. wool), considerably less yarn on the back and multiple color mixes.

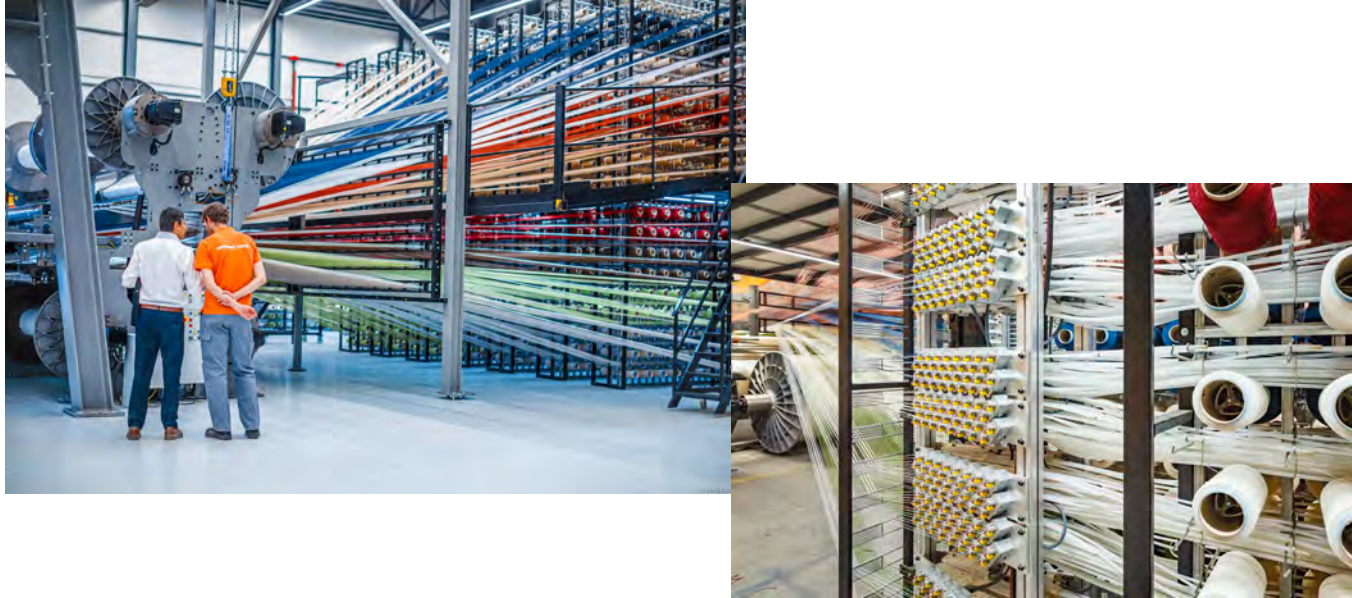
The **Colortec** can be combined with an IPD system for active yarn feed. This allows a much better pile control, resulting in a

cleaner surface of the fabric, a wider range of yarns and yarn counts for a different look, feel and pile heights.

Using **TexConnect** software, an exact individual yarn consumption can be calculated, resulting in less waste yarn.



Vandewiele, expert in weaving



The advantage of the complete digital control by the Fast Creel will be shown, producing carpets at the highest speed with reduction of yarn loss, so obtaining carpets at the lowest cost price possible.

Vandewiele will also illustrate an important trend of light carpets woven on the **VSI 3meter** machine.

Of course, a wide range of woven carpet qualities will be shown on the stand: **Axminster** carpets, loop pile carpets, rugs from economical qualities in reed 320d/m up to high density 1500 d/m, car mats etc.

For finishing your fabrics the completely revised **TITAN 5540** is now able to finish carpets with straight corners, next to carpets with round corners and complex shapes. The optional integrated label printer allows for traceability throughout your production process of each carpet individually.



The entirely electronic carpet handling system further improves the stability of the process. The newly designed construction allows improved ergonomics for the operator.

A completely digital machine needs integral digital planning and a performant BI. With the powerful and Internet Of Things based **TEXConnect** you can manage and control your entire production equipment.

For more information, please do not hesitate to contact our Marketing & Communications department at marketing@vandewiele.com or feel free to visit us during Domotex, **Hall 11 C31**. We will be glad to welcome you and to share our new developments and highlights!



Vandewiele Experience Centre

VANDEWIELE, inspired by expertise

We imagine, build and integrate innovative textile systems for flooring qualities, home linen, fashion fabrics and technical textiles. Sharing inspiration and expertise with our customers worldwide, we shape the textile industry of the future. Creating success for them all, from yarn to finished product.