

IN-LINE WITH **fi-tech**^{INC}

**FALL
2025**

Fi-Tech Team
Staff milestone service
anniversaries

K Show 2025
The largest trade show in the
world related to the plastics
industry

Spooling Solutions
Spooler: high productivity
nonwoven spooling lines

**Heberlein 190th
Anniversary**
Global leader in synthetic
yarn treatment

BENNINGER SingeRay
Brand new Singeing Machine
"SingeRay"

Brückner SUPRA-FLOW BX
Smart Ovens for Hi-Loft
Nonwoven Products

TEAM UPDATES

NEW PRODUCTS

**COMPANY
MILESTONES**



Jeffrey G. Bassett

Welcome to our fall 2025 issue of *In-Line with Fi-Tech*. I want to start off this issue by thanking all our customers for making us your first choice and putting your trust and confidence in Fi-Tech and our Team. We are grateful and appreciate the opportunity to serve you. We strive every day to help you be successful and to be *Your Global Connection*.

In this issue, we celebrate Heberlein Technology's 190th Anniversary and Technip Energies' Zimmer® Polymer Technologies' 75th Anniversary. We are proud to be associated with these companies with such strong histories and track records. We congratulate them on their business milestones, and their ongoing success.

Our Fi-Tech Team recently came together to celebrate Stein Carlsen's retirement. Stein joined our Fi-Tech sales team in 2020 as we were navigating COVID. Stein brought a strong customer and service driven approach to the team to serve a broad range of customers and principals. Stein anticipated working for several more years, but decided the lure to travel the world and experience life beyond his career was too strong. We thank Stein for his many talents and efforts and wish him all the best in the years to come.



Stein Carlsen's Retirement

I wish to recognize several members of our Fi-Tech Team with milestone service anniversaries this year. John Chandler, our Richmond Warehouse and Logistics Manager, achieved 30 years of service in July, and Santiago Vivanco in our Mexico office celebrated 30 years earlier this year. Also in our Mexico office, Veronica Herrera achieved 20 years recently. All have exemplified and demonstrated a strong commitment to our mission and mutual success with our customers. We appreciate their loyalty and dedication to Fi-Tech.

In closing, we have many interesting industry events this fall including the K2025 held every 3 years in Düsseldorf, Germany; and our usual slate of conferences, INDA's RISE® and Hygienix® events, the SYFA Fall Conference, and the Southern Textile Association's Fall Meeting. Please see our events calendar for links, and we hope to see you at these events.

Jeffrey G. Bassett
Managing Director

SALES MANAGEMENT TRANSITION AT REICOFIL

After 46 years with Reifenhäuser and Reicofil, Markus Mueller has stepped down as Sales Director of Reicofil on July 1 and handed over the reigns to Simon Finianos who has been with Reicofil since February 2025. Don't worry, you still have your chance to say your goodbyes to Markus as he will stay on with Reicofil until October 2026 providing his guidance and support to Simon as he comes up to speed in his new role.

During his 46 years with Reicofil, Markus has had many roles within the Reifenhäuser Group. He started in the Blown Film Department in 1979, and then joined Reicofil in 1995 as a Project Manager. In 2001, he transitioned into the Sales Team at Reicofil, eventually being promoted to Sales Director in 2015.

Simon Finianos comes to Reicofil from Brückner Maschinenbau GmbH, a manufacturer of Technical and Packaging Film Lines in Bavaria, Germany. During his 23 years at Brückner, Simon held several roles in Sales Engineering and Management, last as the Head of Sales for the Middle East and Africa.

Continued on page 3

Sales Management Transition at Reicofil cont...

Markus, our Team at Fi-Tech congratulates you on your achievements with Reifenhäuser/Reicofil; and we have enjoyed our working and personal connections over the last 30 years!

Simon, welcome to the Reicofil Team and we look forward to working with you!



Markus Mueller



Simon Finianos

K SHOW DÜSSELDORF, GERMANY OCTOBER 8-15, 2025

This fall brings again the tri-annual K Show to Düsseldorf, Germany, October 8-15, 2025. The K is the largest trade show in the world related to the plastics industry. Fi-Tech will have representatives in attendance from our Richmond and San Luis Potosi, Mexico offices to support our customers visiting the following principals (see below) that will be exhibiting at the show. We may have a limited number of day passes available, if you are attending; please contact us. Also, please see www.k-online.com for more information about purchasing multi-day passes, show hours and to view the Hall plan. Please note representatives from Schill+Seilacher will be available at their sister company's booth, Struktol (see information below).

Cason SRL – Hall 3, Booth C97

Bobbin Strippers

Galan Textile Machinery, S.L. – Hall 3, Booth D33

Spinning, Twisting and Winding Machinery for all types of Natural and Synthetic Fibers

Herrmann Ultrasonics – Hall 11, Booth F28

Ultrasonic Welding Machines, Generators and Sonotrodes

KKA GmbH – Hall 3, Booth D05

Coating, Printing/Lacquering, Calendering, Laminating, Embossing, Slitting/Rewinding Systems and Equipment

MOZART AG – Hall 11, Booth E77

Technical Blades for Cutting Foils, Films, and Deburring Plastics

Reifenhäuser Group – Hall 17, Booth C22

The main booth showcases the Reifenhäuser Blown Film, Cast Sheet Coating and Reicofil® Business Units

Reifenhäuser Extrusion Systems - Hall 1, Booth D91

Screws, Barrels, Extruders, Flat Dies and Co-Extrusion Blocks

Saueressig Surfaces (Matthews International) - Hall 4, Booth A21

Calendering and Embossing Rolls, Roll Re-Engraving and Refurbishing Services

Schill+Seilacher (located on Struktol booth) – Hall 5, Booth C09-3

Spin Finishes, Surfactants, and Fiber Auxiliary Chemicals

Spolex SAS Spolex Group – Hall 3, Booth E51

Pegase Spooling Lines, Winding/Slitting/Rewinding Machines, Decoup Ultrasonic Cutting and Slitting Solutions

YOUR SOURCE FOR THE FIBER & POLYMER AND NONWOVEN INDUSTRIES

Ambersil

- Anti-Stick Spinneret Silicone Spray

AstenJohnson Advanced Fabrics

- Woven Plastic & Metal Wire Belts, Forming Fabrics, Dryer Fabrics, Transport Belts

Autefa Solutions GmbH

- Bale Presses, Bale Wrapping & Strapping Systems

Brückner Textile Technologies

- Thru Air Dryers & Heat Setters

Cason Textile Machinery

- Bobbin Strippers

filtrertechnik.Europe GmbH & Co. Kg

- Filter Screens for Spin Packs & Screen Changers, Filter Belts

Futura S.P.A.

- Pin-To-Pin Embossing Calenders

Galan Textile Machinery

- Ring Twisters for Fiber, Rope & Twine, Winders, Kiss Roll Devices, Creels

HANSA MIXER

- In Line Mixers and Foamers

Hastem Transportbänder GmbH

- Slat & Spiked/Needle Aprons

Heberlein

- Air Interlacing Jets, Air Texturing Jets, Aspirators, Splicers, Suction Cut Units

Idrosistem Srl

- Water Filtration Systems for Spun Lace Production

MOVEngineering Srl

- Hypox® Spinneret & Pack Cleaning Units

SPOOLEX - SPOOLING SOLUTIONS FOR HYGIENE OR INDUSTRIAL APPLICATIONS

Spooling allows you to wind narrow tapes and/or lofty nonwoven materials with 10-50 times the capacity of a standard slit pancake. Through its Calemar brand, Spoollex offers a wide range of 7 versatile spooling machines to answer each process requirement for spooling of your product. Spoollex is the pioneer in the development of high productivity nonwoven spooling lines and have been manufacturing spooling lines since the 90s. They have developed recognized know-how in slitting, conveying and winding of high sensitive materials in converting. In addition, thanks to precise tension control, the spools produced on Spoollex spooling lines can be used directly on downstream high-speed converting operations in hygiene and industrial applications. Finally, with almost 3000 traverse winding heads in production worldwide, Spoollex is the recognized leader in this market.

Do you need to produce jumbo spools of tension sensitive materials for hygiene applications? Or are you looking for a nonwovens spooling solution for the cable industry? Or do you have a need for compact spools of narrow strips? Don't hesitate to [submit](#) your project to us. Spoollex has the right solution for your application.

Thanks to their process expertise, Spoollex can offer two different technologies depending on your product:

- Self-traverse spooling technology: Produce spools of multilayer or sensitive materials on the Pegase or Gemini lines
- Conventional spooling technology: The Aquila line is well adapted to narrow slitting and spooling of stable materials

Spooling Machine Main Characteristics

Pegase Jumbo spooling line:

- Mother roll:
 - Regular unwinder: Width up to 850 mm | Maxi Ø 1,700 mm | Maxi weight 300 kg
 - Jumbo unwinder: Width up to 1,200 mm | Maxi Ø 2,000 mm | Maxi weight 700 kg
- Spools: Maxi width 850 mm | Maxi Ø 1,200 mm – 200 kg
- Speed: Up to 800 m/min
- Mini slitting width: 50 mm (35 mm as option)
- Automatic web splicing available with ultrasonic and adhesive tape solution

Narrow Spooling lines:

Spoollex offers Self-traverse or Conventional spooling technology depending on materials

- Mother roll: Width from 300 mm | Maxi Ø 800mm (up to 1,850 as option)
- Spools: Maxi width 250, 400 and 500 mm | Maxi Ø 250, 400, 500 mm (conventional spooling) and 350x350mm & 500x500 mm (Self-traverse spooling)
- Speed: From 150 to 200 m/min depending on spooling technology
- Mini slitting width: From 2 mm and up to 50mm for self-traverse spooling) – From 2 mm up to 20 mm for conventional spooling

Applications for Spoollex Spooling machines:

- [Air-through bonded](#) for ADL or Top-sheet
- Airlaid/wetlaid for pulp and SAP based products
- All sustainable nonwoven types
- Lofty Nonwoven materials for baby diappers or Femcare products
- Nonwovens for [cable](#) and wire



Pegase 3 Spooling Line



Nonwoven Jumbo Spool

ZIMMER® POLYMER TECHNOLOGIES CELEBRATES 75 YEARS

For more than 75 years, Technip Energies' Zimmer® Polymer Technologies has been the choice of manufacturers of high-quality polyesters, polyamides and engineering resins.



From September 22 to 24, Zimmer® will host a special event at Dechema Frankfurt celebrating their 75 years of innovation and technology in the field of polymerization and a decade of operating with Technip Energies. Fi-Tech is proud to be Zimmer's long time partner in N. America working together to support our customers since 1976. We plan to report in our next In-Line issue details of the celebration.

HEBERLEIN CELEBRATES 190 YEARS OF INNOVATION AND EXPERTISE

Heberlein Technology AG marks its 190th Anniversary as a global leader in synthetic yarn treatment. Founded in 1835 by Georg Philipp Heberlein, the company has evolved from a yarn dyeing business into the world's top provider of air interlacing and air texturing jets for synthetic continuous filament yarns.

Heberlein's legacy of innovation began with the patented texturization process in the 1930's, leading to the creation of Helanca yarn. By the 1950's and 60's, the company had scaled industrial production with high-speed twisting spindles, achieving daily outputs equivalent to twice the earth-moon distance. The launch of Heberlein Maschinenfabrik, and later pivot to high-performance subcomponents like air-jet texturing, solidified its engineering leadership.

Today, Heberlein's Textile Technology Centre is the cornerstone of its customer support. Led by Samuel Gerber, the team offers over 150 years of combined experience. They assist clients with yarn replication, jet selection, and on-site trials to optimize performance and reduce energy consumption. The Centre also supports product development through testing and training, using state-of-the-art equipment that simulates real mill conditions.

Heberlein's commitment to technical care dates back to the 1950's and remains a defining trait. From troubleshooting to training, the company's legacy of support continues to drive success for yarn producers worldwide.

Today, Heberlein continues to lead with innovative yarn solutions providing energy and air consumption savings with their APe/APh series Slide Jet Inserts, PolyJet 3 HP and HN Series, and Air Texturizing with their LB06 and Jet Cores or their TexJets, serving a global market with products that enhance both textile aesthetics and production efficiency. From a family-run dye house, to a high-tech industry pioneer, Heberlein's journey is a testament to resilience, reinvention, and relentless innovation.



Heberlein Team

Mozart AG

- Staple Cutting Blades, Film Slitting Blades

ProJet B.V.

- Power Cleaner Process Wire Belt Cleaning System

Reifenhäuser Enka Tecnica GmbH

- Spinnerets, Jet Strips, Die Tips, Repairs, Complete Meltdown Die Bodies

Reifenhäuser REICOFIL® GmbH & Co. KG

- Turnkey Plants for Spun Bond, Meltdown, Composite, Laminated Fabrics, Bicomponent

Rieter Components GmbH, TEMCO

- Texturing Units, PU Friction Discs, Air Entangling Jets, Industrial & Glass Fibers, Separator Rollers, Guide Rollers

Saueressig Surfaces

- Engraved & Smooth Rollers, Embossing Rollers, Ultrasonic Anvils, MPS Microporous Shells

Saurer Fibrevision

- On Line & Lab Fiber Monitoring/ Testing Systems

Schill+Seilacher GmbH

- Spin Finishes, Surfactants & Fiber Auxiliary Chemicals

Sikoplast Recycling Technology GmbH

- Recycling Plants for PET, PA, PP and PE Waste

Spooler/Calemard

- PEGASE Traversing Winders & Spooling Equipment, Slitter/ Rewinders

T.EN Zimmer GmbH

- Spare Parts Service for Zimmer® Plants

Tokuden Co., Ltd.

- Induction Heated Rolls, Air Cooled Hybrid Rolls, UPSS Super Heated Steam Generator

Zentes Unitex GmbH

- Spinneret Inspection Devices, European Spare Parts

YOUR SOURCE FOR THE TEXTILE INDUSTRY

Baldwin Technology

- Precision Spray Application Systems

Benninger

- Jet & Beam Dyeing Machines, Continuous Scouring, Bleaching & Mercerizing Ranges, Cold Pad Batch

Brückner Textile Technologies

- Finishing and Coating Lines for Woven and Knitted Fabrics, Dryers, Tenter Frames & Coating Equipment

Corino S.p.A.

- Hydro Extraction, Openers, De-Twisters, Tubular Slitters, Padders

Guarneri Technology S.r.l.

- Textile Calenders

HANSA MIXER

- Foam Generators & Mixers

Idrosistem Srl

- Dyehouse Waste Water Recovery Plants

Mario Crosta S.r.l. - Italy

- Fabric Surface Finishing Equipment

Mayer & Cie. GmbH & Co.

- Circular Knitting Machines for Jersey, Interlock, Rib, Jacquard and Elastomeric Plaiting

Neunhauser-Ontec Automation GmbH

- Turbotex Scrim Fabric Machine

Shelton Vision Ltd.

- Vision Inspection & Defect Classification Systems

Spoolex SAS / Decoup+

- Fabric Slitting/Rewinding Systems, Ultrasonic Slitters

Tecnorama S.R.L.

- Automatic Dispensing Systems for Powder and Liquid Dye stuff & Auxiliaries

Testa S.r.l.

- Automated Inspection and Packaging Systems

Zimmer Maschinenbau GmbH

- Textile Coating Ranges, Digital & Rotary Screen Printing Lines

BRAND NEW SINGEING MACHINE "SINGERAY"

Purely physical treatment, no chemicals, no discharges

The BENNINGER SingeRay is the first choice for fabric manufacturers to provide clean and smooth fabric without resorting to the use of biopolishing process. In many processes a wet chemical treatment with enzymes, called biopolishing, is commonly applied. Besides high utility consumption, the micro dust remains in the fabric. Singeing however, is a very selective process that removes only undesired short fibers and can be utilized on woven and knit fabrics.

A gas heated flame burns down small undesired surface hairs, resulting in a smooth, hairless surface and a shiny fabric appearance. In addition to improved handle and aesthetics, this provides an ideal fabric surface for printing.

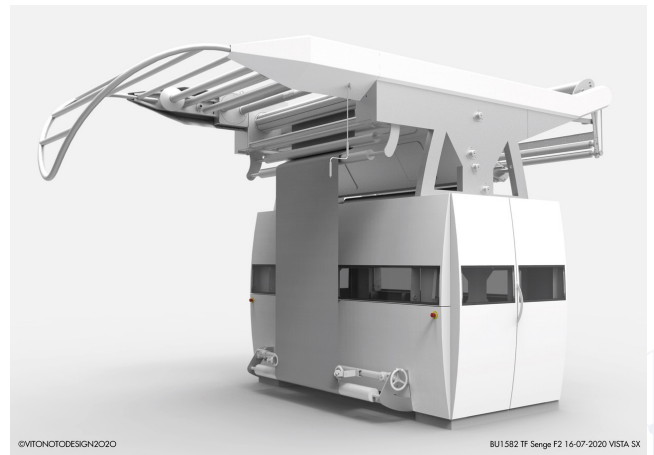
The SingeRay is equipped with two silicium carbide burners and the burning chambers ensure complete combustion of the gas at a constant burner temperature. The flame width can be adjusted and ensures low gas consumption and the resulting dust is separated and captured in a wet de-duster.



Before Singeing



After Singeing



Senge Knit V1

JON ADAMS COMPLETES HANSA FACTORY TRAINING

In recent months, Jon travelled to Stühr, Germany to complete two weeks of factory training with HANSA GmbH. With this specialized knowledge and training, and ongoing technical support and expertise from Hansa's German based service department, Fi-Tech will now be able to offer USA based service and troubleshooting on Hansa equipment.

Jon's initial focus will be on servicing and troubleshooting issues with Top Mix and Top Mix K Models, with plans to expand scope with additional training.

BRÜCKNER - SMART OVENS FOR HI-LOFT NONWOVEN PRODUCTS

The Brückner SUPRA-FLOW BX double belt, thermofusion ovens have been recognized for years by global nonwoven producers for their best-in-class productivity and temperature accuracy throughout the length, and equally as important across the width of the oven. This is achieved by a combination of the venturi mixing nozzle for the circulating hot air, along with the uniquely designed heating zone/chamber arrangement which alternates the heating source from one side of the machine to the other, every 7 feet. The air through oven is ideal for the production of both high-volume, hi-loft nonwovens and highly compressed fiberboard made of natural, synthetic and/or recycled fibers:

The SUPRA-FLOW BX is extremely flexible and can be used for

- Thermofusion (for the bonding of PP, PET/CoPET, PP/PE)
- Fixing
- Particularly suitable for all medium, heavy or thick products

END PRODUCTS

- Mattresses, comforters, inserts, insulation
- Furniture (upholstery, cushions)
- Cleaning (dry and wet wipes, disposable floor coverings)
- Automotive components (headliners, thermal insulation, sound insulation)
- Construction industry (heat and sound insulation)



SUPRA-FLOW BX

In addition to the base fibers, low-melting binder fibers such as bicomponent fibers (PES/CoPES, PP/PE) and PP are usually used, but also thermoplastic or thermoset powders can act as binders. Besides the best-in-class control of process temperature, the air flow direction can be set individually in each zone (every 7') according to the product requirement. The distance between the transport belt and the calibration belt is also continuously adjustable up to a height of ~12". Depending on the end product, magnetic top belts or other special transport devices are also being used. As with Brückner's wide range of ovens, the Supra Flow BX can be heated using direct gas, indirect gas and thermal oil, steam, electric and even hybrid heating solutions.

Brückner also offers outlet combination capabilities such as calibrating and cooling calenders, longitudinal/cross cutter and automatic winding systems. Like all systems from Brückner, the state-of-the-art electronic control system, is fully "Internet of Things" capable, and can be equipped with the latest smart features. This ranges from production and maintenance support via augmented reality, integration into an existing ERP system, as well as the possibility to access the plant HMI via a smartphone or tablet from anywhere in the world.

New software tools to improve service and production support:

Depending on various machine parameters, the software can issue maintenance orders and document them in a maintenance logbook. The corresponding maintenance work orders are supported by video tutorials. Maintenance and operating manuals, as well as the electrical drawings of the machine are available in digital form directly on the machine HMI. A new Augmented Reality Video Tool for mobile devices will enable Brückner to support customers even more effectively in the future.

For over 70 years, family owned Brückner, with manufacturing solely in Germany, has been supporting customers in the nonwoven industry with continuous innovation, world class design and engineering, in-house process improvement technologists, and excellent after sales service.

For additional details on Brückner's product portfolio, please contact your local Fi-Tech representative.



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EVENTS CALENDAR 2025

K 2025

October 8-15, 2025
Dusseldorf, Germany
www.k-online.com

Synthetic Yarn and Fabric Association Fall Conference

November 6-7, 2025
Charlotte, NC
www.thesyfa.org

Southern Textile Association Fall Meeting

November 19, 2025
Greenville, SC
www.southerntextile.org

RISE®2025

October 14-15, 2025
Raleigh, NC
www.riseconf.net

HYGIENIX®2025

November 17-20, 2025
Orlando, FL
www.hygienix.org

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May 19-22, 2025
Geneva, Switzerland
www.edana.org

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In-Line with Fi-Tech, a Fi-Tech, Inc. publication, is designed to assist Engineering, Management, Purchasing and Plant Personnel by providing an avenue of communication between fiber producers and the best machinery manufacturers in the world. Fi-Tech, Inc. is the premiere representative for Nonwovens, Synthetic Fiber, and Textile machinery and components.

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