

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

**FALL
2024**

Derek Moses
Welcoming Derek Moses To
The Fi-Tech Team

Swiss Textile Machinery
Companies Will Present
Latest Innovations In
Charlotte

**Techtextil North
America 2024**
August 20th-22nd Expo

Summary
**Smooth Running and
Maximum Speeds**
Temco Components

Zimmer Austria
New Representation Of Textile
Equipment Manufacturers

Decoup+
Extension Of Our
Representation Of Spoolax

**MILESTONE SERVICE
ANNIVERSARIES**

INDUSTRY EVENTS





Jeffrey G. Bassett

Welcome to our fall 2024 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 have updates on numerous developments from our principals. We are especially pleased to announce our new relationship with Zimmer Maschinenbau GmbH based in Austria. Zimmer's expertise in coating ranges, digital printing and loop steamers will greatly enhance our textile portfolio. We look forward to promoting their unique technologies and solutions to the Textile Industry.

Fi-Tech continues to evolve as a company in many ways. We recently added to our sales team and welcome Derek Moses who joined in June. Derek comes to Fi-Tech with over 13 years of experience in sales and market development. Derek will handle numerous sales responsibilities. In other news, we celebrate Randy Wise's nearly 27-year career with Fi-Tech as he will retire at the end of 2024. Randy has been a valuable member of our sales team serving many of our fiber and nonwoven customers during his tenure. We thank Randy and will miss his experience and dedication going forward.

Lastly, I wish to recognize several members of our Fi-Tech Team with milestone service anniversaries this year, Chris Layton with 30 years, Alfonso Galan and Julie Thompson with 25 years, Ian Mills with 10 years and Pam Linegar with 5 years. 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 several interesting industry events this fall. Please see our events calendar and we hope to see you at these events.

Jeffrey G. Bassett
Managing Director

DEREK MOSES JOINS THE TEAM

We are pleased to welcome Derek Moses to the Fi-Tech Team. Derek started with us in June and will be a member of the outside sales team working from both Richmond and his home office base near Charlotte, NC. We welcome Derek's energy and enthusiasm as well as his years of sales and market development experience. Initially, Derek will help us cover many of the customers served by Randy Wise as he works towards his retirement later this year.

Derek brings a strong team approach gained through his commitment to playing baseball and culminating as a Division 1 NCAA baseball athlete.



Derek Moses

SWISS TEXTILE MACHINERY FREE SYMPOSIUM IN CHARLOTTE

Representatives of Swiss Textile Machinery companies will present their latest innovations and products on Tuesday, October 1, at the Westin Hotel located at 601 South College Street, Charlotte, North Carolina.

Registration is free but required to attend and can be found at www.swissmem.ch/textile-usa

Fi-Tech will be in attendance along with representatives from Heberlein and Benninger.

The presentations will be followed by Tabletop Displays, Networking, and Dinner.

For additional information, contact your Fi-Tech Representative.



www.swisstextilemachinery.ch



NONWOVENS

TECHTEXTIL NORTH AMERICA 2024

The 2024 Techtextil occurred August 20th-22nd. The last time Techtextil occurred in Raleigh, it was the first show after the Covid Epidemic. It was great to be back in Raleigh without the shadow of Covid!

Fi-Tech had a great show as we were able to connect with established customers and were excited to meet new customers, which is an indicator that the subject of near shoring is only getting stronger.

Furthermore, Fi-Tech had the opportunity to introduce its new textile principals, including Zimmer Kufstein (digital printing for floor coverings and textiles), Zimmer Klagenfurt (rotary and flat-bed screen printing and coating ranges), and Decoup+ by Spoolex (ultrasonic slitting devices).

Along with the standard brochure offerings at the booth, Decoup+ provided an ultrasonic cutter for demonstration. Several attendees were able to use the ultrasonic cutting device to cut material swatches, which showed the superior cutting and sealing ability of Decoup+ ultrasonics.

Joshua Sansbury, Ian Mills and Jessica Ethridge were at the show all 3 days as well as our new Technical Sales Representative, Derek Moses, who will be concentrating on the Fibers and Nonwovens Industries with Joshua Sansbury.

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

filtertechnik.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

SMOOTH RUNNING AND MAXIMUM SPEEDS

Temco Components: Nonwoven Produced Safely and Hygienically

Idler Rollers ULR+ULW, as well as Guide rollers FR from Temco are high-precision components Made in Germany. The products are characterized not only by a variety of sizes, but also by various materials such as carbon or aluminium. They are used in a wide range of industries, from textiles, packaging, and lithium batteries to the hygiene industry. Temco has been successful with its components for years in the production of technical rollers with functional surfaces and coated lightweight components for the processing of nonwovens.

Maximized Benefit and Profit with ULR and ULW

Temco Idler Rollers ULR and ULW are characterized by a low mass moment of inertia, smooth running, and maximum rotational speeds. These precise technical characteristics are complemented by lifetime lubrication and a high running time that is completely maintenance free. This saves costs and reduces machine downtime, maximizing benefits and profits.

Some special rollers comply with the guidelines of the American FDA, Food and Drug Administration, for the sensitive areas of the hygiene and primary food packaging industry. High technical accuracies, a wide range of products and a long service life, combined with the sophisticated integrated bearing solutions, make it possible to meet the superior quality requirements for the product.



Temco Idler Rollers ULR + ULW and Temco Guide rollers FR26 are high-precision components for the nonwoven industry.

High Flexibility Through Individual Adjustments

A large variety of types, due to flexible lengths and diameters, holders that can be completely individually modified by the customer, and various coatings; clearly set the rollers apart from other manufacturers. Especially, the non-stick coating of the Idler Rollers is essential in the nonwoven sector, such as to produce baby diapers or adult hygiene articles. The fine nonwovens, as well as the adhesive, do not stick to the coated roll during production and thus do not form residues on the product shell. Furthermore, the products meet the requirements of the FDA and can therefore be used far beyond the production of nonwovens for the manufacture of food. Other coatings are additionally possible, e.g. different metals such as copper and nickel on CFRP or hard anodized for aluminium roller shells.

The New Idler Roller – Doubled

The latest development for the hygiene sector is the Temco Double Roller. The new Idler Roller, ULR34400-E2-01, offers high customer benefits thanks to its double running surface. Films, nonwovens and other materials for packaging processes and the manufacture of hygiene articles can be deflected, using two different rotation speeds or directions at the same time.



Using two different rotation speeds or directions at the same time, the Temco Double roller offers high customer benefits.

FR-26 Series - For Low Yarn Tension Forces

The extremely smooth running Temco Guide Rollers are used primarily in processes where low yarn tension forces are required in the process, and gentle handling of the guide materials is important: for example, during the integration of the rubber bands in the production of baby diapers.

Here, extremely low friction, very precise groove geometries and a high variety of types (coatings, dimensions and materials) are required. Due to a low start-up and running friction torque, speeds of up to 6,500 m/min are achievable, which in combination with a low failure rate increases productivity to a maximum.

Thanks to the use of innovative plastics, ceramic coatings and precise running, the integrated bearing can set itself apart from the competition and impresses across the board in nonwoven production.

In the area of guiding and guiding elements, the latest generation of FR-26 Series Guide Rollers represents a milestone in terms of smooth running. More than 50 percent lower bearing friction, the necessary drive force reducing to the same extent, thus enabling the deflection of Lycra® yarns at very low-tension levels.

With its products, Temco is the optimal partner for optimizing and stabilizing process flows in the processing of highly sensitive nonwovens. Fi-Tech is proud to distribute these products for Temco in North America. We inventory many of these Rollers in our Midlothian facility offering quick delivery times for our US and Canadian customer base. Let us know if we can help you with your special yarn, fiber, or web handling need. For further information, please contact us at (804)794-9615 or www.fi-tech.com

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 Fibrevison

- 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

- Spinned 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 Dyestuff & Auxiliaries

Testa S.r.l.

- Automated Inspection and Packaging Systems

Zimmer Maschinenbau GmbH

- Textile Coating Ranges, Digital & Rotary Screen Printing Lines

ZIMMER AUSTRIA

Fi-Tech is pleased to announce a new representation of best-in-class textile equipment manufacturers with the addition of **Zimmer Austria** to our portfolio. For over 150+ years, Zimmer has been at the forefront of technical textile and printing development. Comprised of two distinct business units, with the digital printing division based in Kufstein, Austria and the rotary and flatbed screen printing and textile coating division based in Klagenfurt, Austria.

DIGITAL PRINTING PLATFORM

ZIMMER Kufstein has developed new fields of digital printing applications for the carpet and textile industries. Their four main platforms of delivery systems provide customized, process lines for a wide variety of substrates, such as:



CHROMOJET - Digital printing system for pile products



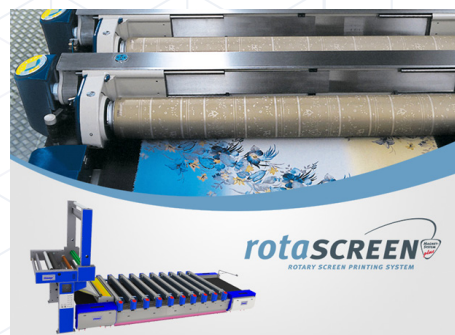
COLARIS - Digital Inkjet printing system up to 5200mm wide for all types of textiles with acid, reactive VAT, and disperse ink systems.

COLARIS-NF - Digital inkjet printing system for narrow fabrics

BCL - Coating lines for carpets

DIGITAL PRINTING PLATFORM

Zimmer Klagenfurt provides flat bed and rotary screen printing and coating machines, as well as hot air dryers, heat treatment machines and loop steamers. Tailor-made high quality solutions for application areas such as home textiles, upholstery, towels, blankets, flags, banners, fashion, technical textiles, wall coverings, nonwovens, papers and even glass fibre.



COATING.MACHINES

DECOUP+

Fi-Tech is pleased to announce an extension of our representation of Spoolux by taking over sales representation in USA and Canada for their sister division, Decoup+, also based in Roche-la-Molière, France.

Since first launched in 1975, Decoup+ has been providing technical solutions to fabric manufacturers and converters with ultrasonic cutting and welding equipment.

Ultrasonic technology can be used on thermo-fusible products such as polyester, acrylic, polypropylene and blended fabrics and is used for example in Airbags, Carpet Backing, Sun Protection, Tarpaulins, Agriculture Textile, Geotextile, Sailing Cloth...

Ultrasonic cutting on products comprised of synthetic fibers, provides a clean cut and a sealed edge, without fraying, burning, yellowing or thick edges.

Ultrasonic welding is also a quick and easy process, avoiding the use of adhesive components such as glue, rivets, or staples. It also presents the same advantages as ultrasonic cutting and allows to keep the fabric's original properties.

This technology is safe for the operator and the environment; without smoke, noise or smells!

Each installation is customizable for a range of fabrics based on fabric construction, basis weight and desired processing speeds. Decoup+ has a testing facility in France for product evaluations and trials on customers products.

Handheld devices

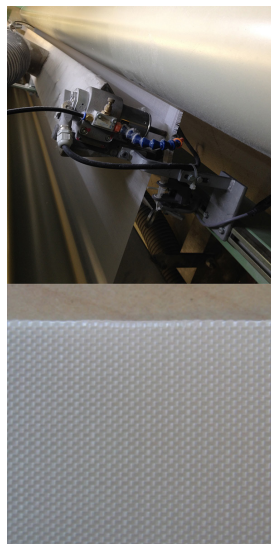
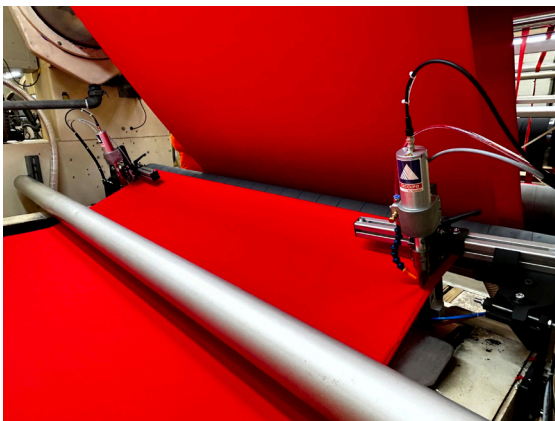
Wide range of handheld devices to perform easy, quick, clean and strong, ultrasonic welding or ultrasonic cutting. These ergonomic and compact devices are used for table cutting operations in cut /sew/assembly operations or in quality control laboratory settings.



Ultrasonic solutions for integration into equipment

Easy to install on existing lines to perform all your continuous ultrasonic cutting and/or welding such as

- Edge cutting on weaving looms or warp knitting machines
- Edge cutting and/or center slitting on stenters and inspection machines



Special equipment

Ultrasonic cutting, welding and splicing benches custom designed to be integrated on-line or as off-line independent benches.





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EVENTS CALENDAR 2024/2025

RISE

October 1-2, 2024
Raleigh, NC
www.riseconf.net

Synthetic Yarn and Fabric Association Fall Conference

October 7-8, 2024
Charlotte, NC
www.thesyfa.org

IDEA2025 / FiltXPO

April 29-May 1, 2025
Miami Beach, FL
www.ideashow.org
www.filtxpo.com

Swiss Textile Machinery Symposium

October 1, 2024
Charlotte, NC
www.swissmem.ch/textile-usa

HYGIENIX 2024

November 18-21, 2024
Nashville, TN
www.hygienix.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.

Fi-Tech, Inc. Editorial Board

Jeffrey G. Bassett, Todd L. Bassett,
Christopher G. Layton, Vicky Gant
Wilson, Ian Mills, Brian W. Williamson,
Stein Carlsen, Jessica Ethridge, Joshua
Sansbury

Contact Information:

www.fi-tech.com
sales@fi-tech.com
Phone: +1 (804) 794-9615
Fax: +1 (804) 794-9514

Latin America Office

Phone: (52)(444)8 13-0865
Fax: (52)(444)813-2562