

it's true



Spotlight on the Integrated Draw Frame IDF:
Making an impact worldwide

TRÜTZSCHLER

Editorial

Dear Customers,
Partners and Friends of Trützschler,
Dear Employees,

In February, we entered the Chinese year of the dragon – which promises growth and success. Trützschler has already experienced some of this promise during the first half of the year. You can find exciting evidence of that positive progress in our latest issue of *it's true*.

Three machines have recently been introduced to the market: Our card TC 30i, our integrated draw frame IDF 3 and our 12-head comber TCO 21XL. The market response and real-world performance have exceeded our expectations. We're pleased to present the latest results from customer applications. This issue puts a special focus on the versatility of our IDF 3 and the technology behind it.

In our Nonwovens business unit, we are now delivering on our promise to offer complete solutions for needle-punching. T-SUPREMA was introduced in 2022 in cooperation with the Italian textile machinery manufacturer Texnology S.r.l. At our customer events at the Techtextil in April this year, we were able to demonstrate the performance of our solution live.

The opening of our site in Jiaxing was another milestone in strengthening our nonwovens business. This new location now offers customers across China an expanded range of nonwoven solutions and services from its team of experts.

We hope you enjoy reading *it's true* magazine. From everybody at Trützschler, we wish you growth and success in 2024.

Warm regards,



Dr.-Ing. Ulrich Schwenken,
CEO Trützschler Group SE



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IDF 3 at Marchi & Fildi in Italy



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TC 30i:
Convincing customers
with strong results



TC 30i and IDF 3:
Dream Team for direct spinning



T-SUPREMA:
Live Demonstration of versatility

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TC 30i

Convincing customers with strong results

Author: Martin Dovern

Trützschler's next-generation carding machine entered the market in January 2024 – and it's now convincing yarn manufacturers across the textile industry worldwide.

The machines have achieved excellent results during tests with customers in Türkiye and in other countries. It achieved up to 40% higher productivity while reducing energy consumption by up to -18%.

Higher productivity, less energy consumption

Mayfil Tekstil is a leading company in the Turkish textile industry for the production of textured yarn. It is headquartered in Nilüfer/Bursa. Founded in 2005, it has grown rapidly by prioritizing customer satisfaction. In 2022, Mayfil invested in a modern vortex airjet spinning facility that can produce up to 35 tons per day. And the company was keen to take a close look at the TC 30Si for man-made fibers to explore its potential to drive progress toward Mayfil's ambitious growth plans. In February 2024, Mayfil Tekstil conducted tests with the TC 30Si. The next-generation carding machine produced 140 kg/h viscose, which is more than 40 % higher than the 95 kg/h Mayfil produces with the current benchmark (see Diagram 1). The new carding machine also decreased electricity consumption by 18 %. Based on these results, Mayfil is purchasing further TC 30i cards.



mayfil[®]

Our TC 30i at the site of Mayfil Tekstil.



Impressed by TC 30Si.
From left to right: Burak Ateş
(Owner Mayfil Tekstil), Osman Kutlutürk
(Regional Service Manager
Trützschler Temasa) and Önder Bilir
(Factory Manager Mayfil Tekstil)

Results confirmed

Göl Iplik Şeremet Tekstil Sanayi ve Ticaret A.S., located in Inegöl Bursa, operates three factories that deliver a variety of high-quality products, with a specialization in blended yarns. Investment in modern equipment and pioneering new products that expand its portfolio are at the heart of Göl Iplik's success across almost four decades. Göl Iplik also tested the TC 30Si for man-made fibers in early 2024.

This Trützschler customer took a close look at the TC 30Si during rigorous viscose trials. The TC 30Si achieved a 40 % higher productivity rate with the same level of quality (see Diagram 1), while consuming 15 % less power. Göl Iplik now intends to include the TC 30i in its future investment strategy.

Promising feedback

The TC 30i is still a newcomer in the textile industry – but its reputation is growing rapidly as spinning companies around the globe experience its range of smart features and functions. Its contributions to productivity, quality and resource efficiency are convincing. More and more companies around the world are now ordering our TC 30i. We are happy to convince more customers worldwide.



The blended yarn specialists at Göl Iplik Şeremet Tekstil Sanayi ve Ticaret A.S.: from left to right: Erdiñ Şeremet (Deputy Chairman of the Board of Directors) and Mümin Tarlak (Deputy General Manager)

Benefits of TC 30i

1 Best quality from any raw material

High levels of productivity and yarn quality thanks to 35 % more active flats, the longest carding length in market and the T-GO automatic carding gap optimizer.

2 Operator-independent performance

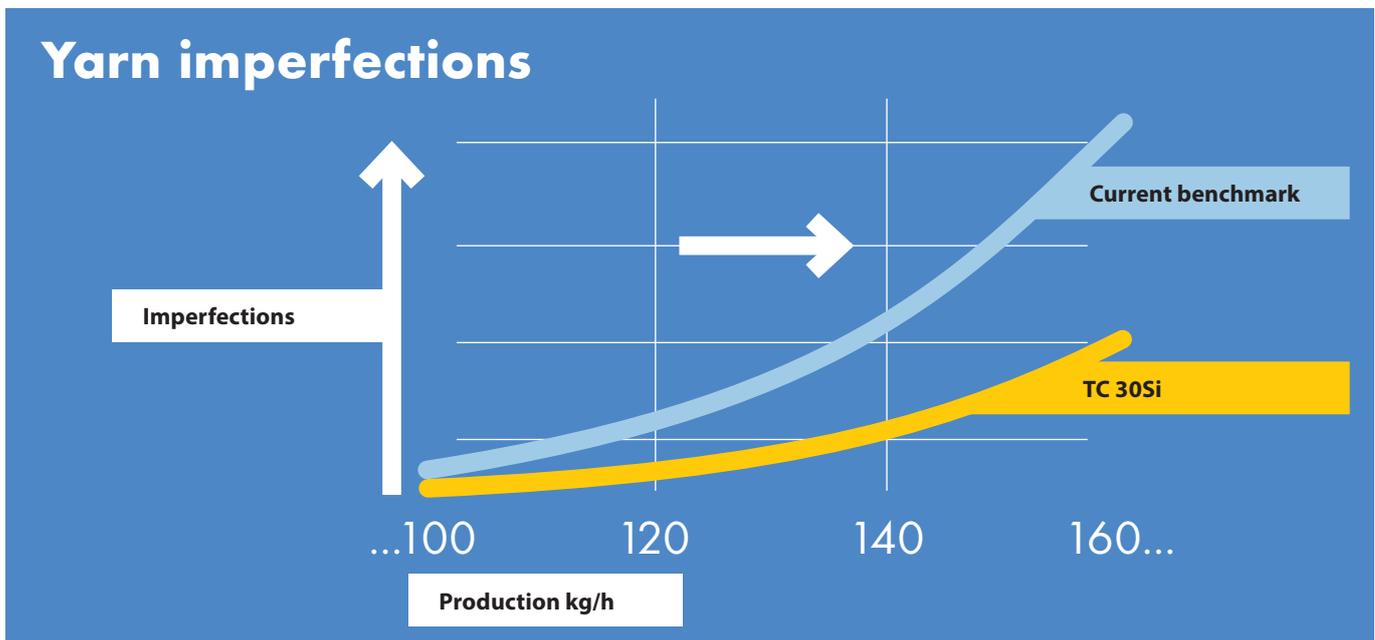
Consistent results without relying on manual operators thanks to automatic, real-time optimization of the carding gap with T-GO.

3 Value-adding waste handling

Innovative waste suction system collects and separates different types of waste. More than 50 % of card waste can be reused or sold to third parties for an attractive price.



Diagram 1: For producing man-made fibers, the TC 30Si achieves significantly less yarn imperfections when the production volume increases



TC 30i and IDF 3:

 Dream Team for direct spinning

Authors: Dr. Bettina Temath, Anastasia Bogomolov



We are very pleased with the new IDF 3. It increases our efficiency and provides higher yarn quality. The ease of operation simplifies the production process. We look forward to the benefits that the IDF 3 will bring to our business in the future.



Guido Marchetto,
Production Supervisor,
Marchi & Fildi

The first installations of the Trützschler Card TC 30i and the Trützschler Integrated Draw Frame IDF 3 are now complete – and the first customers have finished rigorous testing in direct spinning applications. The IDF 3 is achieving strong results in real-world conditions. And customers are very pleased with its easy handling and high-speed spinning.

The Italian company Marchi & Fildi, headquartered in Biella, was one of the first to test the new IDF 3. The company specializes in producing pure and blended yarns made from natural or man-made fibers for flat knitting, circular knitting and weaving. Its products are used for fashion, furnishings and technical applications worldwide.

It also places a strong focus on reducing its environmental impact. Marchi & Fildi is a pioneer in innovative and sustainable yarns made from recycled materials, with deep expertise in mechanical recycling.



Marchi & Fildi's first trials were carried out with different fiber blends. This included a blend of 70 % soft waste cotton and 30 % polyester as the raw material for rotor direct spinning, with a yarn count in a range of Ne 8 - Ne 12 and Ne 30.

Remarkable recycling results

Later tests involved fiber blends of 50 % PET and 50 % recycled cotton from hard textile waste for rotor direct spinning with a yarn count of Ne 30. Experts at Marchi & Fildi stated that this material blend is typically very challenging. Processing secondary fibers made from hard textile waste requires very high competence in yarn production, which Marchi & Fildi impressively demonstrates. It also requires advanced technologies. This is due to technological challenges such as significantly lower fiber length. Trützschler's IDF technology has a special drafting zone geometry that ensures reliable fiber guidance and controls floating fibers. It generates lower drafts than a conventional draw frame passage and avoids the risk of false drafts and count variations.

Decades of experience with the IDF technology have demonstrated that the higher the short fiber content, the better the result with IDF compared to conventional two draw frame passages. In combination with the TC 30Ri, a variant of TC 30i that has been specifically equipped and configured for processing recycled fibers, the IDF 3 delivers maximum possible quality for the production of sustainable yarns.

Marchi & Fildi confirmed that combining the TC 30Ri and IDF 3 went beyond their expectations due to the unique possibility of optimizing the process parameters. The TC 30Ri delivers the material at a higher speed and the IDF 3 keeps up with this speed to produce very good sliver evenness – even during the can change. Better sliver quality results in very good yarn parameters that exceed the mill standard.



Headquarters of Marchi & Fildi in Biella, Italy

Overall, the company's results showed a 75 % increase in productivity over the previous card model and a 14 % reduction in energy consumption at higher production rates. Combining the TC 30Ri and IDF 3 also enabled Marchi & Fildi to skip the drawing stage from its process, which boosts quality while saving resources and cutting costs.

"We have collaborated with Trützschler for many years because its machines offer excellent performance for processing recycled yarns," says Guido Marchetto. "The machines are easy to set up and adapt for our specific needs. And we can always rely on the effective service support from Trützschler too."

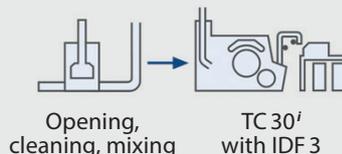
In conclusion, it's no surprise that Trützschler's IDF technology is getting more and more popular across markets worldwide. It makes it possible to significantly shorten the spinning preparation process without compromising on quality. In fact, IDF technology helps to improve quality levels when processing raw materials with a high short fiber content. It also enables shortened processes that save resources, energy and production space. When used together, the TC 30i and the IDF 3 help customers reach the full potential of the direct spinning process.

Advantages of direct spinning:

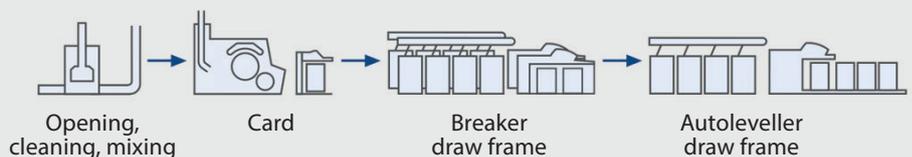
- Saving of two draw frame passages.
- The higher the short fiber content, the better the results with IDF.

ROTOR SPINNING

Trützschler DIRECT SPINNING



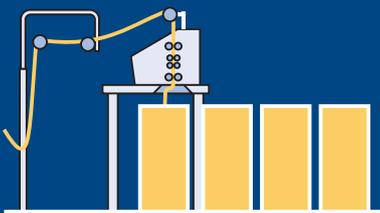
Conventional line





From left to right: Guido Marchetto (Production Supervisor at Marchi & Fildi), Jose Guadalupe Flores Molina (Senior Expert in R&D Technology at Trützschler), Alessandro Rostellato (Product and Quality Manager at Marchi & Fildi) and Luca De Gasperin (Marketing Manager at Marchi & Fildi)

IDF3 Benefits



- ✓ Higher yarn quality and homogenous slivers through advanced measuring devices.
- ✓ Increased efficiency by 3 % through new can changing principle that minimizes can change times.
- ✓ Easy accessibility for optimal machine handling.

Meeting True Experts



In this issue of *it's true*, we spoke to Senior Expert in R&D Technology José Guadalupe Flores Molina about the short preparation process IDF VORTEX SPINNING.

Author: Eva Trenz



Eva Trenz, Product Manager Spinning Preparation (left), talked to José Guadalupe Flores Molina, Senior Expert in R&D Technology (right) about IDF VORTEX SPINNING

Interview

José, what does IDF VORTEX SPINNING mean?

» Thanks to the Integrated Draw Frame (IDF), it's possible to cut down the number of draw frames used in airjet spinning. For rotor spinning, it is already standard practice to only have cards with IDF directly before the spinning machines. For airjet spinning, however, it is normal to have one card and three draw frames.

By using the IDF and a 12-fold creel finisher, customers are able to shorten the preparation process – so they now only need one card with IDF and one finisher before spinning. That means they save space and energy because they need two fewer draw frames.

Sounds great, but is it really that simple?

» Yes and no... We started our research project in this area during 2015, conducting a huge number of trials at our R&D center in Germany and on-site at Trützschler customers around the globe. We collected a lot of knowledge, insights and experience. As a result, we knew that the short preparation process for airjet would work reliably when we introduced it at ITMA Asia in 2018 and ITMA 2019. We've seen a continuous flow of orders for our new spinning projects since then. And in India, demand has boomed.

What do you say to critics who don't believe a short process can achieve the required quality?

» I say it depends on the specific situation. There are some limitations, of course, such as for processes involving finer yarn counts or different raw materials. We get the best results with synthetics and yarn counts up to Ne 40 so far, and we have not seen any difference in the quality of the final fabric. I'll always remember one customer who switched their production line to the short process using cards with IDF and 12-fold creel finishers. After one year, they found that customers hadn't noticed the change – so they placed a new order for a mill with IDF VORTEX SPINNING.

What will the future bring for short spinning processes with IDF?

» We're always looking for new possibilities to expand the field of application. Our innovators are running tests to achieve finer yarn counts, while also working with different raw materials like Lyocell and blends. That's what makes this project so much fun for me as an R&D technologist. There are still so many potential applications for airjet spinning where the short preparation process can be used to its full potential. And I believe it will become even more fun with the new IDF 3.

Elevating efficiency in Airjet Spinning

Trützschler IDF technology allows a significant process shortening in airjet spinning which leads to major economic savings. Here is an example based on a production¹ of 1'000 kg/h of Ne 30 yarn.

 1400 less sliver piecings per day	 13 % less building investment in spinning mill	 2,4% less investment in filter installation for the whole spinning mill
 50 400 \$² less operator costs p.a.	 14 000 \$² less energy costs p.a.	 34 000 \$² less energy costs for air filtration in the spinning mill p.a.

**Total
savings:
up to
98.400 \$
yearly**

¹Production case: 18 MVS and 12 cards with approx. production capacity of 1000 kg per day, production time: approx. 8200 h/a, yarn Count: Ne 30, material: Viscose, building costs: 500 \$ per m², operator: 3 shifts, 700 \$ per month/operator, energy costs: 0,13 \$/kW / ² up to

Looking back on many years of good cooperation: our colleagues from Trützschler together with representatives of our partner Murata at the ITMA Asia



IDF VORTEX SPINNING:

What
our
partner
Murata
says



We enjoy working with Trützschler and applying their technology in VORTEX plants. We're already operating more than 200 spinning machines with IDF+1 pass.

From the first stage of the trial, it was interesting to see that the yarn cut level in IDF+1 pass is less than in the conventional three passage process. This improves spinning machine efficiency a lot. The yarn data shows some small differences between one pass and three passes, but it is difficult to see the difference in knitted fabric.

Our target is now to focus on intimate blends. We believe the T-Blend system, IDF and one finisher from Trützschler are a great fit for our sustainable and smart VORTEX factory.

Mr. Masazumi Shigeyama,
VORTEX Product Manager, Murata

Indonesia:

Trützschler & Agansa joining forces for service excellence

Authors: Winnie Rothfuß, Eugen Koch

Indonesia is one of the world's biggest textile markets. It's also a key market for Trützschler's Spinning and Card Clothing businesses. That's why we place a sharp focus on selecting a strong partner to serve local customers.

Agansa successfully won that role in 2023. Together with Trützschler, its team of technical experts combines expertise for Spinning, Card Clothing and service. The team is now making sure customers get the same outstanding level of service in Indonesia as they do everywhere else in the world.

In recent years, Agansa and Trützschler have built a relationship as leading players in the Indonesian textile sector. Agansa has a strong reputation for servicing machinery. Its headquarters are located in Bandung, two hours from Jakarta, while it also operates a branch office in Solo. All sites offer rapid service, as well as a full range of clothings and replacement parts for Trützschler spinning and carding machines.

Certified and standardized

Agansa was selected as our service agency in Indonesia because it has a unique capacity to provide excellent support for both card clothing and spinning. That ensures a single point of contact for all Trützschler customers. On top of this, the company is able to meet our strict criteria for service by operating at the same standard as every Trützschler service station worldwide. That uniform excellence is ensured by a comprehensive certification process. Expert engineers from Trützschler regularly visit Agansa to evaluate its facilities, as well as the skills and knowledge of its on-site team. Together, the partners agree improvements and further training to make sure every detail of the agency's day-to-day operations is identical to the rest of our global network.

The Trützschler and Agansa team in Indonesia

Events for excellence

Several events have already demonstrated the value of this collaboration since it entered into force in 2023. In September and October for example, the partners hosted a series of Customer Day events in Bandung, Jakarta and Solo – reaching more than 250 customers from Trützschler's Spinning and Card Clothing businesses. Together, the attendees engaged in open discussions about key challenges and opportunities. Customers also had a chance to share their concerns and suggest improvements.

Outstanding service everywhere

Agansa's technical team is now helping to maximize the positive impact of our machines across the textile market in Indonesia. Customers for Trützschler's Spinning and Card Clothing businesses in this country can rely on this new service agency to provide the same outstanding support offered everywhere else in the world.

Customers satisfied with service

Jemmy Kartiwa Sastraatmaja, owner of Danar Mas, one of the leading textile manufacturers in Indonesia, specialized in yarns and greige fabrics, speaks positively about his experience with the Trützschler and Agansa team:

„We are satisfied with the support from the sales team and the technical service team from Trützschler and Agansa, who are always ready to help.“





IDF in India:

Flexibility for the upcycling of textile waste

Author: S.K. Joshi



From left to right: Shailesh Thakur (Deputy General Manager Sales ATE), Shiladitya Joshi (Deputy General Manager Marketing Trützschler), Vineet Mohota (Director Gimatex) and Gautam Kumar Dhang (CEO Fabric Business Gimatex)

Trützschler and the Indian company Gimatex have a long relationship that began in 2006. Since then, they have successfully collaborated on many projects.

Gimatex has used Trützschler's IDF successfully in direct spinning. Now, they are using it to turn textile waste into valuable ring yarn.

Gimatex Industries Pvt. Ltd. has high standards for quality and sustainability. The company operates fully integrated facilities with ginning, spinning, recycling, weaving and processing units in Hinganghat, within India's major cotton-growing region of Vidarbha. It also runs a state-of-the-art fabric processing unit in Dholka, near Ahmedabad. As a family-owned company with over 125 years of history, it has a lot in common with Trützschler. Together, the two partners are working in close collaboration with the shared aim of extending that long history far into the future.



» The performance of Trützschler's IDF machines is great. [Trützschler] service is always available.

Vineet Mohota,
Director Gimatex

These recycled ring-yarn bobbins are the final product of the IDF process at Gimatex

"Our clients demand consistent quality and competitive prices," says Mr. Vineet Mohota, Director at Gimatex. "We meet those demands by always leveraging the latest technologies to boost quality, save energy and make progress for sustainability. Trützschler is a strong partner for that work."

Lower costs and higher productivity

Trützschler's Integrated Draw Frame (IDF) technology is at the heart of this collaboration. Gimatex is using these innovative solutions to produce high-quality yarn. In particular, IDF enables Gimatex to produce top-quality yarns from a uniquely wide variety of raw materials – from 100 percent cotton through to polyester, recycled fibers and blends of various different inputs.

Gimatex mainly uses Trützschler IDF to manufacture rotor yarns in a direct spinning process. Direct spinning means shortening the spinning process by eliminating draw frame passages. Fiber slivers are fed directly from the card into the integrated drafting passage. This direct spinning concept uses less electricity and less space than conventional draw frame passages, which helps Gimatex to cut costs while increasing output volumes – with no compromise in quality. Most often, IDF technology is used for rotor and vortex spinning. However, the team at Gimatex is now also the first spinning mill in India to develop a special IDF process for producing traditional and recycled ring yarn. This allows the company to leverage the same setup it uses for open-end yarn. The ring yarn produced in this unusual way is mostly coarser varieties and recycling blends for cotton / spandex (lycra) products, with Ne 10s and Ne 16s. The yarn goes through a blow room into a TC 15 card with IDF, before entering a Trützschler TD 10 draw frame, a speed frame and a ring frame.

Longstanding partnership

"The performance of Trützschler's IDF machines is great," says Mr. Mohota. "We also get support from Trützschler's expert teams. They're always available to give guidance and answer questions, and they're able to access data from around the globe to share best practices for every application."

Gimatex and Trützschler have established a close relationship over a long period. IDF machines are a flexible, highly efficient and sustainable technology that is helping to extend that valuable partnership. As market conditions in India continue to evolve, we will keep working hand in hand to adapt to change successfully – while meeting high expectations from customers.

From left to right: Gautam Kumar Dhang (CEO Fabric Business Gimatex), Vineet Mohota (Director Gimatex) and Manish Deolankar (General Manager Gimatex) in front of Trützschler's Bale Opener



Long partnership, strong performance

Author: Eva Trenz



From left to right: Rafael Zaga Saba (CEO Zagis and President of the Mexican Textile Association, CANAINTEX), Frank Dederichs (Managing Director of Trützschler Mexico), Mayer Zaga Cheja (Chief Financial Officer at Zagis), Ralf Grasmehr (Trützschler Area Manager, Customer Service), Mayer Zaga Dichi (Chief Operations Officer at Zagis)

Zagis S.A. de C.V. is a family-owned spinning and knitting company in Tepeji del Río, Mexico, with a long history and big ambitions for a more sustainable future. Innovation is at the heart of its 60-year success story. By partnering with Trützschler, it is embracing cutting-edge technologies that boost efficiency, optimize quality and save resources – including the TCO 21 comber.

Today, Zagis S.A. de C.V. is a fourth-generation business with a leading position in the Latin American textile industry. Its spinning and knitting facilities are able to process a huge variety of fibers, with cotton as its main raw material alongside polyester / cotton blends. Its portfolio covers yarns including ring, open end and airjet spinning. And Zagis is now targeting further success worldwide.

The company operates 13 mills in Mexico that can produce up to 200 tons of yarn and 20 tons of fabric per day in line with international standards. Close cooperation with Trützschler has empowered Zagis to achieve those impressive numbers. As the latest step, it has added TCO 21 combers at its facilities to accelerate progress toward its ambitious growth plans and to produce combed yarns on high quality level.



Ralf Grasmehr, Mayer Zaga Dichi, Rafael Zaga Saba and Frank Dederichs talking about the benefits of the TCO 21



Zagis and Trützschler are both family-owned businesses [...] and share a vision of a more sustainable future for the textile industry.

Rafael Zaga Saba, CEO Zagis and President of the Mexican Textile Association, CANAINTEX

Trust in Trützschler

“My grandfather founded this business with a sharp focus on the quality of its products and services,” says Rafael Zaga Saba, CEO of Zagis and President of the Mexican Textile Association (CANAINTEX). “That is made possible by state-of-the-art technologies. Trützschler has been a powerful partner for many years. Our factories have operated a great variety of card models and now also combers TCO 21. That shows our deep trust in Trützschler’s machines and technical support.”

Protecting the planet

Zagis also has a sharp focus on reducing its environmental footprint. Since 2020, all of its energy consumption has been covered by renewable power. This enables Zagis to avoid 11,000 tons of CO2 emissions per year. The company is also a member of the Cotton LEADS program, which connects businesses worldwide to lead progress for sustainable cotton sourcing and production.

Ambition for highest quality

Modern equipment supports Zagis’ ambition to produce highest quality. Trützschler carding machines, for example, achieve high production output with excellent sliver quality.

At the same time, they boost energy efficiency and reduce waste. The TCO 21 combers at Zagis in Tepeji del Río are capable of manufacturing 550 nips per hour with outstanding yarn quality with minimum noil level.

Sharing success

“Zagis and Trützschler are both family-owned businesses,” says Rafael Zaga Saba. “On top of that shared history, we have a common set of values about what our work stands for. Quality and efficiency are incredibly important. We have a deep commitment to technological innovation. And we share a vision of a more sustainable future for the textile industry too. That’s why I am so happy about our partnership with Trützschler.”

For future generations

Looking ahead, Zagis has a clear strategy to expand its position around the globe. In cooperation with Trützschler, it aims to continue its long track record of meeting customers’ needs. And it is striving to maximize its success while also minimizing its environmental impact for future generations.



The next generation: Get ready for our TCO 21 XL – the world's first 12-head comber



Trützschler's next-generation comber has proven its excellent performance on the market!

The first test results show a 50 % increase in productivity, while requiring 25 % less space and achieving consistent quality at all times.

Real world results from Uzbekistan and Turkey confirmed higher productivity at no compromise in quality, stable running performance and very satisfactory endurance test results. Bakan Tex, a Trützschler customer in Uzbekistan, describes the productivity and quality data for the TCO 21XL as "simply fantastic".



Scan the QR code to learn more about Bakan Tex' experience with the

TCO 21XL

TCO 21 XL Benefits

1

12 heads for lowest conversion cost/kg

- 50 % more production
- 25 % less space

2

Consistent sliver quality on 12 heads

- Torsions resistant design: DUAL DRIVE, 2TWIN DRIVE
- High-performance drafting system

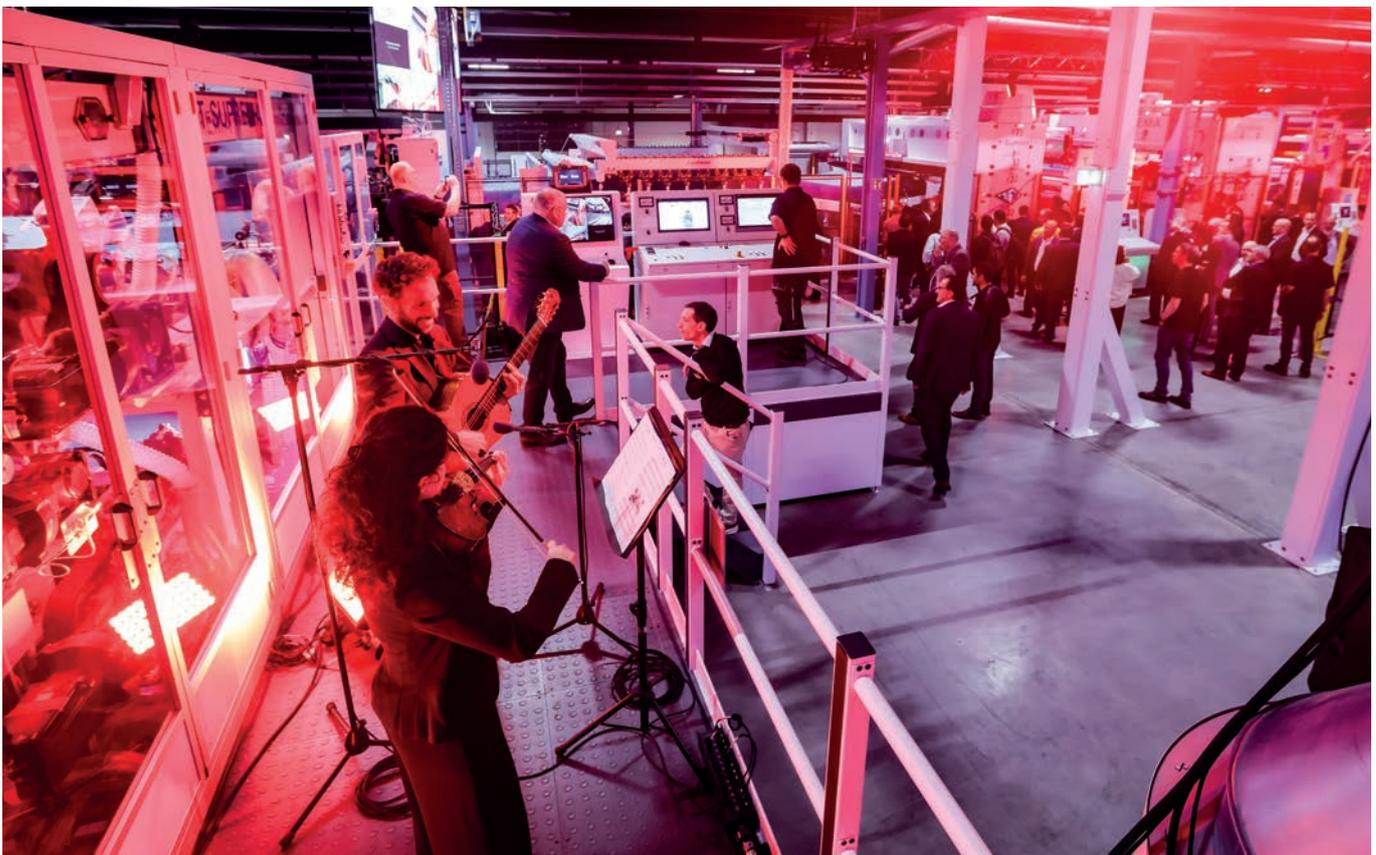
3

Noil always under control

- Online Noil Monitoring

T-SUPREMA: Live Demonstration of versatility

Author: Jutta Stehr



**Looking for extremely versatile nonwovens for many applications?
Then our T-SUPREMA needle-punching lines are for you.**

**At Techtexil trade fair in Frankfurt, Germany in April, the Trützschler
Nonwovens team demonstrated the performance of T-SUPREMA live at customer events.
Customers were impressed by the flexibility of the needle-punching line.**



Charlotte Fontaine, Member of the Shareholders' Committee of the Trützschler Group

Techtextil is the world's leading trade fair for technical textiles and nonwovens. At this year's event in Frankfurt, Germany, Trützschler Nonwovens presented its T-SUPREMA production concept for manufacturing different types of nonwovens on a single line – with high levels of quality, productivity and cost-efficiency. Those insights generated a huge amount of interest. And representatives from several companies got invited to see an up-and-running installation at our Technology Center in nearby Egelsbach.

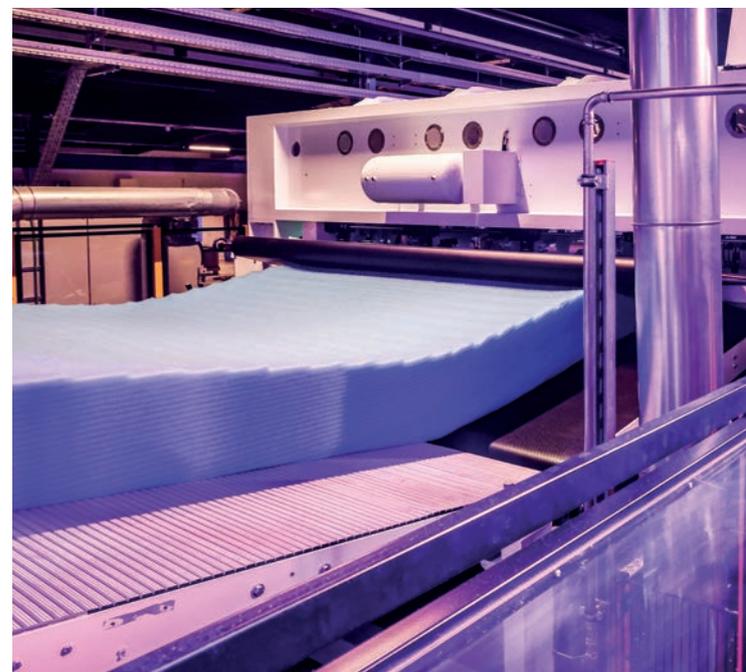
The T-SUPREMA is an exciting innovation for this market because it offers unique levels of flexibility. It can produce lightweight and heavyweight nonwovens, from 30 grams per square meter (gsm) up to more than 2,000 gsm, on one production line. It also features a clean concept that minimizes downtime for cleaning or maintenance. And it is especially well-suited for producing lightweight needle-punched nonwovens, which enables cost-efficient products from this challenging application.

With our T-SUPREMA, we offer our customers great flexibility. They can react quickly to changes in demand or develop new products that are outside of what has been produced before. As part of our longstanding commitment to co-innovation, Trützschler joined together with Texnology to develop the T-SUPREMA. This Italian machinery manufacturer has deep specialization in mechanical needling. Its state-of-the-art needleloom designs play a key role in enabling the T-SUPREMA to serve such an extensive range of nonwoven applications.

Excitement in Egelsbach

Visitors to the Trützschler Nonwovens Customer and Technology Center in Egelsbach got the chance to experience the super-flexible T-SUPREMA line in action. The industrial-scale setup has a working width of 4 meters. It also features three bale openers, a blending bin, a fine-opener, a card with 3-meter width and crosslapper, two needlelooms, a felt drafter and a winding section.

From lightweight to blue heavyweight web – T-SUPREMA can produce them all





What is so special about the T-SUPREMA? Unlike other needle-punching installations, the T-SUPREMA is not optimized for one end product only: with a changeover time of about 60 minutes, customers were able to see how the same line first produced an extremely light 35 gsm nonwoven with three double layers, in which a microfiber was used. Later, after the short changeover time, the line produced a 1,400 gsm nonwoven with 23 double layers, using the typical coarse fibers with 3.3 and 6.7 dtex. This production process was underlined by an impressive light show.



Customer Event at our Technology Center: T-SUPREMA attracts attention

Test the T-SUPREMA today

Tests and trials with this high-performance needle-punching line have already impressed companies from across the global nonwovens industry. The production speed, ease of use and broad working window have captured hearts and minds. And the overall output quality of the uniquely broad range of products has also grabbed the attention of visitors to Egelsbach – with more trials planned: More and more companies are booking tests at our Technology Center. From lightweight to heavyweight nonwovens, the T-SUPREMA can produce them all. But convince yourself: Book your trial today!



Celebrating

Author: Zhao Miye



in Jiaxing



Trützschler's second ultra-modern factory in China is now complete. More than 300 guests visited the new facility in Jiaxing for the opening ceremony end-February to celebrate this latest step in our global expansion.

Now, our new site is serving customers in China with an expanded range of nonwovens solutions and services.

Customer-closeness is the driving force behind Trützschler's past success – and it fuels our future plans for business growth worldwide too. Trützschler Textile Machinery (Jiaxing) Co., Ltd. is the latest demonstration of this approach in action. Known as TTMJ, it began operating in 2022 and underlines Trützschler's strategic focus on the nonwovens market in China. TTMJ is the second wholly owned subsidiary of the Trützschler Group in China, joining our well-established subsidiary Trützschler Textile Machinery (Shanghai) Co., Ltd.

The pandemic made it impossible to celebrate the launch of TTMJ as the latest key investment into our company's international growth. Now, two key phases of the site's construction are complete.

The Board of Directors of the Trützschler Group with the Shareholders of the Trützschler Family. From left to right: Heinrich Krull, COO, Dr. Ulrich Schwenken, CEO, Heinrich Trützschler, Shareholder and Member of the Supervisory Board, Florian Schürenkrämer, Member of the Shareholders' Committee, Edda Schürenkrämer, Shareholder, Dr. Michael Schürenkrämer, Shareholder and Member of the Supervisory Board, Stefan Schröder, CFO, and Alexander Stampfer, CSO



Florian Schürenkrämer, Member of the Shareholders' Committee of the Trützschler Group, and Dr. Michael Schürenkrämer, Shareholder and Member of the Supervisory Board of the Trützschler Group, are excited about the opening of the new location in Jiaying

A special ceremony

Representatives from the Trützschler family and top management welcomed customers and partners from local government, universities and industry associations to honor this big moment on February 24. This date marks the Lantern Festival, which falls on the final day of the Chinese New Year celebrations. Lanterns symbolize reunion and the emergence of a new, future-facing self. Trützschler chose this date to unite key stakeholders and officially open its new, future-facing production center.

Nonwovens? No problem!

The new facility in Jiaying is split into two areas. The first area covers 27,000 square meters and produces nonwoven equipment and components. The product range covers complete spunlace lines (inline and crosslapped) and thermo-bonding lines, as well as opening and web-forming systems for chemical-bonding and needling punching lines. The second area covers 9,000 square meters. It is equipped with an automatic coating line, laser cutting machine and bending machines, as well as an automated storage and processing system.

Close to customers worldwide

This investment from Trützschler supports our idea of customer-closeness as a powerful driver for business growth worldwide. TTMJ now offers customers across China even easier access to technical service from its team of nonwoven textile experts. It further deepens Trützschler's presence in the large and fast-growing Chinese market. The positive spirit and open dialogue during the ceremonial event in Jiaying reflected this commitment to collaborative progress. And the future-looking celebration was a fitting way to announce this latest step forward for Trützschler.

Growth in all signs

An additional ceremony took place in China recently to mark another major milestone in Trützschler's global expansion. Representatives from the local government signed an agreement for Trützschler to purchase 19 acres of land in Pinghu. Trützschler Group will now build a factory to serve the card clothing and machinery components market via its new subsidiary: Trützschler Machinery Components (Jiaying) Co., Ltd.



More than 300 people attended the official opening ceremony for Trützschler Textile Machinery (Jiaxing) Co., Ltd.

Trützschler Textile Machinery (Jiaxing) Co., Ltd.

2022: Inauguration and start of production activities at new factory

First phase of the factory covers **27,000 square meters** in total

The second area covers **9,000 square meters** in total



Find out more about this new production site.





Trützschler around the world

Jünter is the mascot of Borussia Mönchengladbach – the football team from the city where our company's headquarters is located. He made the long journey to the ITMA Asia in Shanghai in November 2023. And he found time to pose for a photo together with Dr. Bettina Temath, Head of Global Marketing of the Trützschler Group, (left) and Zhao Miye, Marketing Supervisor at Trützschler Textile Machinery China (right).

In the first half of 2024, we continued the lively exchanges that we enjoyed with customers and business partners last year. We've participated in trade fairs across the globe – from South America to Europe and Asia – experiencing a huge number of valuable interactions with a strong focus on the latest trends and our newest innovations.

Looking ahead, customer closeness will remain an important goal for Trützschler during 2024 and beyond. Our experts are always ready to listen to our customers' needs and put them into practice. But for now, let's have a look at all of these wonderful events from around the world. We hope to see you at one of our booths soon.

ITMA Asia,
November 19 – 23, 2023
Shanghai, China





**Colombia Tex,
January 23 – 25, 2024
Medellin, Columbia**

**Customer Day
February 1, 2024
Dhaka, Bangladesh**





DTG
February 1 - 4, 2024
Dhaka, Bangladesh



Exintex
February 27 - March 1, 2024
Ciudad de Puebla, Mexico



Indo Intertex
March 20 – 23, 2024
Jakarta, Indonesia





Saigontex
April 10 – 13, 2024
Ho Chi Minh City, Vietnam



Techtextil
April 23 – 26, 2024
Frankfurt, Germany



Customer Evening
April 23 - 24, 2024
Egelsbach, Germany





THE NEW IDF



Gamechanger: **The IDF 3**

The new integrated draw frame IDF 3 sets new standards in quality, efficiency and handling: Its gentle fibre guidance delivers perfectly homogenous sliver for significantly reduced yarn imperfections. The can changer becomes a game changer, with a 4 times faster delivery speed.

The IDF 3 not only reduces operating costs thanks to less compressed air consumption, but saves the user time and effort with its QUICK START after sliver breaks and easy access to all parts.

TRÜTZSCHLER
SPINNING