VDMA

TEXTILE MACHINERY

Overview Technologies and Applications of Participating Organisations: Delegations at ITMA 2027

Boris Abadjieff

NOVEMBER 2026



Image: AI-generated

Who hosts delegations before ITMA 2027

16 **VDMA member companies**
confirmed as hosts, all VDMA members and exhibitors at ITMA

7 **research institutes and universities***
Germany-wide textile research

4 **delegation formats**
four thematic delegations

4 thematic delegations:

Spinning, Winding & Nonwovens

ANDRITZ Küsters
Barmag
Dilo Group
Georg Sahm
SCHWING Technologies
KAESER Kompressoren
Scantech Germany
DITF Denkendorf*
ITM, TU Dresden*
ITA, RWTH Aachen*
Hochschule Hof (Materialwiss.)*

Knitting, Weaving & Braiding

Herzog
Lindauer DORNIER
KAESER Kompressoren
Scantech Germany
DITF Denkendorf*
ITM, TU Dresden*
ITA, RWTH Aachen*
Hochschule Hof (Materialwiss.)*
Hochschule Niederrhein (FTB)*
WH Zwickau*

Dyeing, Finishing, Coating & Process Control

Brückner Trockentechnik
A. Monforts Textilmaschinen
INTERSPARE
KAESER Kompressoren
Mahlo
Scantech Germany
Thies
WEKO
DITF Denkendorf*
ITM, TU Dresden*
ITA, RWTH Aachen*
Hochschule Niederrhein (FTB)*
WH Zwickau*

Textile Recycling & Circularity

ANDRITZ Küsters
Baumüller Nürnberg
KAESER Kompressoren
Textilfabrik 7.0*
DITF Denkendorf*
ITM, TU Dresden*
ITA, RWTH Aachen*
Hochschule Hof (Materialwiss.)*

* Research institute / university

Source: VDMA delegation survey (21 July 2026); company and institute websites (accessed November 2026)

Technology matrix: what the 16 companies offer

Textile value chain

Organisation	Fibre & filament yarn	Winding	Braiding	Nonwoven lines & processing	Weaving	Dyeing & finishing	Coating & fluid application	Process control, drives & utilities
Barmag Remscheid	●			●				
Andritz Nonwoven & Textile Krefeld				●				
Dilo Group Eberbach				●				
Georg Sahm Eschwege		●						
Herzog Oldenburg		●	●					
Lindauer Dornier Lindau					●			
Brückner Leonberg				●		●	●	
Monforts Mönchengladbach						●	●	
Thies Coesfeld						●		
INTERSPARE Reinbek						●		
Mahlo Saal a. d. Donau						●		●
WEKO Leinfelden-Echterdingen				●			●	
Baumüller Nürnberg								●
Kaeser Kompressoren Coburg								●
Schwing Technologies Neukirchen-Vluyn								●
Scantech Germany Andernach								●

Source: VDMA delegation survey (21 July 2026); company and institute websites (accessed November 2026). Matrix reflects the main product lines shown on each company website

Spinning, Winding & Nonwovens

Andritz Nonwoven & Textile
Krefeld

TECHNOLOGIES
- Turnkey needlepunch lines (neXline)
- X-Pro™ crosslapper for needlepunch and spunlace
- Opening, carding, needlelooms, calenders
- Pulp-based and spunlace nonwoven systems

APPLICATIONS
Wipes, adult hygiene products, sustainable pulp-based nonwovens

Barmag
Remscheid · Rieter Group

TECHNOLOGIES
- Filament spinning: POY, FDY, DTY, IDY
- Continuous polycondensation and extrusion
- BCF carpet yarn and staple fibre systems
- Meltblown nonwovens and recycling technologies

APPLICATIONS
Apparel, home and industrial yarns, carpets, nonwovens; energy-efficiency focus (e-save)

Dilo Group
Eberbach

TECHNOLOGIES
- Opening, blending and carding
- Aerodynamic web forming
- Crosslappers, lap drafters, needlelooms
- Complete nonwoven production lines

APPLICATIONS
Technical, industrial and automotive nonwovens; hygiene and medical; installed in 50+ countries

Georg Sahm
Eschwege

TECHNOLOGIES
- Take-up winders, rewinders and assembly winders
- Fully automatic bobbin doffing and transport systems

APPLICATIONS
High-performance and carbon fibres, technical yarns, security tapes: fire-retardant and automotive applications

Monofilaments for artificial grass; coated and dipped yarns for outdoor furniture

Schwing Technologies
Neukirchen-Vluyn

TECHNOLOGIES
- Thermal cleaning systems and services
- Process technology

APPLICATIONS
Removing plastic residues from tools and machine parts, e.g. in polymer processing

Also hosts in this theme: KAESER Kompressoren (profile: slide 5) · Scantech Germany (profile: slide 6)
Research institutes (profile: slide 7): DITF Denkendorf · ITM, TU Dresden · ITA, RWTH Aachen · Hochschule Hof

Source: VDMA delegation survey (21 July 2026); company and institute websites (accessed November 2026)

Impressions from Georg Sahm

Georg Sahm
Eschwege





Knitting, Weaving & Braiding

Herzog Oldenburg

TECHNOLOGIES

- Round, flat and square braiding machines
- Braiding and winding machines since 1861

Applications: Sewing yarn, laces, cords, jacquard cords; tailor-made medical solutions

Lindauer Dornier Lindau

TECHNOLOGIES

- Rapier weaving machine P2
- Air-jet weaving machine A2 for maximum weft insertion

Applications: Technical fabrics (aramid, glass, carbon, filtration, coated mesh), apparel and special fabrics

Baumüller Nürnberg

TECHNOLOGIES

- Servo drives, incl. liquid-cooled
- Modular drive trains with decentralised intelligence

Applications: Machines along the textile chain; retrofit and expansion

Kaeser Kompressoren Coburg

TECHNOLOGIES

- Compressed-air systems and solutions
- Industry solutions incl. a textile-industry area

Applications: Compressed-air supply for pneumatic textile processes; energy-saving air systems

Also hosts in this theme: Scantech Germany (profile: slide 6)
Research institutes (profile: slide 7): DITF Denkendorf · ITM, TU Dresden · ITA, RWTH Aachen · Hochschule Hof · Hochschule Niederrhein (FTB) · WH Zwickau

Source: VDMA delegation survey (21 July 2026); company and institute websites (accessed November 2026)

Dyeing, Finishing, Coating & Process Control

Brückner Leonberg

TECHNOLOGIES

- Stenters, dryers, heat-setting, sanforising
- Continuous dyeing ranges, energy-saving systems
- Coating lines: OPTI-COAT, ECO-COAT

Applications: Woven and knitted fabrics, technical textiles, glass fibre, floor coverings

Monforts Mönchengladbach

TECHNOLOGIES

- Stenters, continuous dyeing ranges, shrinking ranges, denim ranges, heat recovery systems (140+ years)
- Coating devices, minimum application devices

Applications: Dyeing, finishing and coating of woven and knitted fabrics, technical textiles

Thies Coesfeld

TECHNOLOGIES

- Dyeing machines for yarns, fabrics, nonwovens, loose fibre and knits
- Focus on resource-saving finishing

Applications: Clothing, home and technical textiles

Mahlo Saal an der Donau

TECHNOLOGIES

- Weft straighteners
- On-line measurement and control: moisture, dwell time, thread density

Applications: Stenter frames and continuous web processes (80 years of experience)

WEKO (Weitmann & Konrad) Leinfelden-Echterdingen

TECHNOLOGIES

- Non-contact fluid application (WEKO-BASIC, SIGMA rotor)
- Precision-metered spray; minimum application for nonwovens

Applications: Textile, nonwoven and paper webs; efficient even for small runs

INTERSPARE Reinbek

TECHNOLOGIES

- Finishing machines: Artos, Krantz, Stentex
- Krantz Syncro tumble relax dryer
- Modernisation, service, original spare parts

Applications: Fabric finishing and drying; low residual shrinkage

Scantech Germany Andernach

TECHNOLOGIES

- On-line measurement and control (web gauging)
- X-ray, laser, infrared, microwave scanners
- Low-energy X-ray sensors

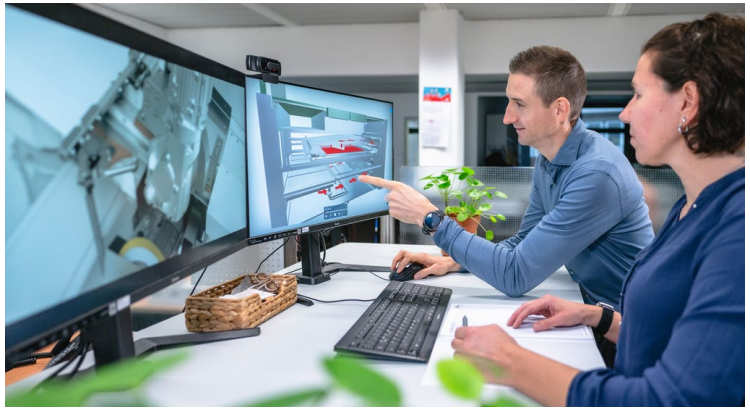
Applications: Nonwovens, films, coating and lamination, metal, paper

Also hosts in this theme: KAESER Kompressoren (profile: slide 5)
Research institutes (profile: slide 7): DITF Denkendorf · ITM, TU Dresden · ITA, RWTH Aachen · Hochschule Niederrhein (FTB) · WH Zwickau

Source: VDMA delegation survey (21 July 2026); company and institute websites (accessed November 2026)

Impressions from Monforts and WEKO

Monforts
Mönchengladbach





WEKO
Leinfelden-Echterdingen





Research Institutes and Universities

DITF Denkendorf

- Largest textile research centre in Europe (250+ staff)
- Applied research from molecules to products
- Current: bio-based binding fibres, medical devices

ITA, RWTH Aachen

- Textile technology research and teaching
- Recent topics: 3D-printed and origami smart textiles, bio-based fibres

ITM, TU Dresden

- High-performance fibre systems technology
- Fields: medicine, mobility, energy, infrastructure

Textilfabrik 7.0
Mönchengladbach

- Textile technology and development centre of the future
- Design, engineering and R&D support for companies

Hochschule Niederrhein
Mönchengladbach

- Faculty of Textile and Clothing Technology, 100+ years
- Laboratories and competence centres; smart textiles, sustainability

ifm, Hof University
Münchberg

- Mechanical engineering, system materials, textile technology, composites
- Technology leader for branched braids
- Knitting lab with 20+ flat, circular and warp knitting machines

WHZ Zwickau

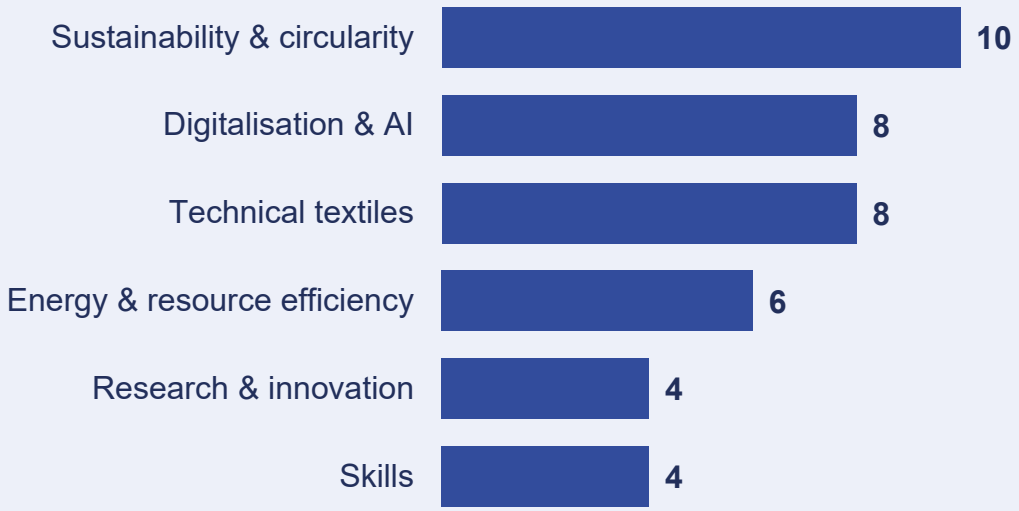
- Textile structures and technologies; ITL institute for textile and leather technology
- Teaching on functional textiles and digitalisation
- Knitting and weft-knitting technical lab

Source: VDMA delegation survey (21 July 2026); company and institute websites (accessed November 2026)

What delegations want to see

Cross-cutting topics

Number of responses naming the topic



Sector topics

Number of responses naming the sector



Takeaway Sustainability (10 of 11 responses), digitalisation and technical textiles (8 each) lead the cross-cutting topics; Textile Recycling & Circularity (8) leads the sector interest, followed by Knitting, Weaving & Braiding, Spinning and Dyeing, Finishing, Coating & Process Control (6 each).

Source: VDMA Expression-of-Interest survey, 11 valid responses (test entry excluded); multiple answers possible; sector names as now used (survey asked under previous names)

Programme and sector coverage, 12–18 Sept 2027

Sun 12 Sept	Mon–Tue 13–14 Sept	Wed 15 Sept	Thu–Fri 16–17 Sept	Sat 18 Sept
Welcome Dinner with participating VDMA member companies and research institutes.	Sector-focused visits to VDMA members, technical centres and textile research institutes	Universities and research institutes. Transfer to Hannover with a stop at a point of interest.	ITMA Hannover; Welcome & “Textile Delegations meet VDMA members: Networking Lunch at ITMA”	ITMA party for exhibitors and visitors (optional; no longer part of the programme)

>1,500
exhibitors

12
halls

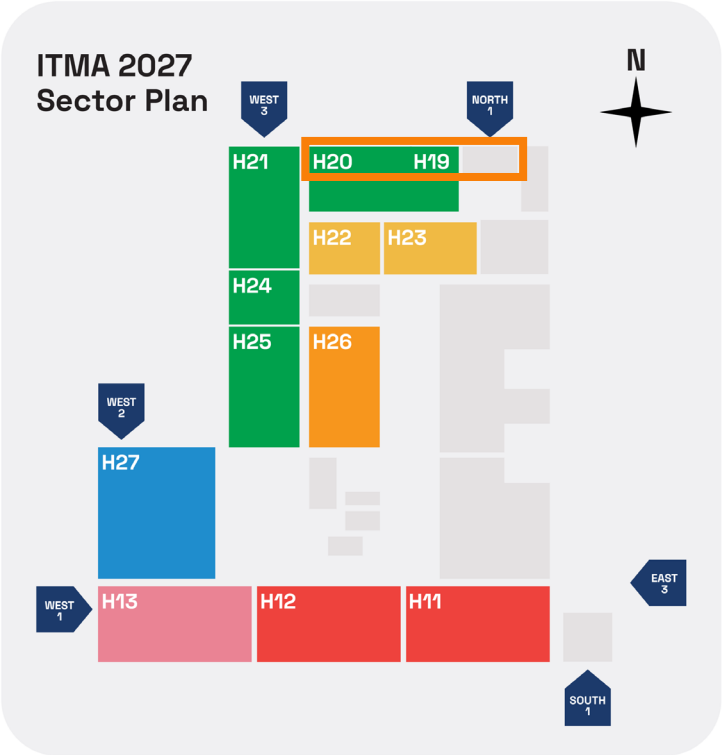
ITMA 2027, Hanover: 16–22 Sept 2027, www.itma.com

Departure is arranged individually.

VDMA recommends spending at least 3 days at the fair.

Source: VDMA delegation concept (17 Sept 2026); VDMA delegation survey (21 July 2026); VDMA Expression-of-Interest survey; demand figures as surveyed under the previous sector names

Networking Lunch: Room New York



Legend

- Spinning, Winding, Nonwovens, Testing, Fibres, Yarns and Fabrics
- Weaving
- Printing & Inks, Colourants & Chemicals
- Finishing
- Knitting, Braiding, Composites
- Embroidery, Garment Making, Logistics, Recycling, Software & Automation, Plant Ops Equipment, Services, Research & Innovation + Start-Up Valley + Innovator Xchange
- Entrances

Information is current as of 1 September 2026.

When

Thu 16 Sept 2027

Welcome & “Textile Delegations meet VDMA members: Networking Lunch at ITMA”

Where

Room New York

Next to Hall 19 (see Sector Allocation Plan)

Source: ITMA 2027 Sector Allocation Plan; VDMA delegation concept (17 Sept 2026)

LINKS

Websites of all participating organisations

VDMA member companies (1/2)

Andritz Nonwoven & Textile
andritz.com/nonwoven-textile-en

Barmag
barmag.com

Baumüller
baumueller.com

Brückner Textile Technologies
brueckner-textile.com

Dilo Group
dilo.de

Lindauer Dornier
lindauerdornier.com

Herzog
herzog-online.com

INTERSPARE Textilmaschinen
interspare.com

VDMA member companies (2/2)

Kaeser Kompressoren
kaeser.com

Mahlo
mahlo.com

A. Monforts Textilmaschinen
monforts.de

Georg Sahm
sahmwinder.de

Scantech Germany
scantech.com

Schwing Technologies
schwing-technologies.com

Thies
thiestextilmaschinen.com

Weitmann & Konrad (WEKO)
weko.net

Research institutes and universities

DITF Denkendorf
ditf.de

ITA, RWTH Aachen University
ita.rwth-aachen.de

ITM, TU Dresden
tu-dresden.de/…/itm

Textilfabrik 7.0
t7-management.de

Hochschule Niederrhein
hs-niederrhein.com

WHZ Zwickau
whz.de

ifm, Hof University
hof-university.de

Source: VDMA delegation survey (21 July 2026); company and institute websites

VDMA

Organise your own textile delegation

INTERESTED – TOPIC-SPECIFIC OR MIXED? PLEASE CONTACT:

Boris Abadjieff

VDMA

Textile Machinery Association

Boris.Abadjieff@vdma.eu

Boris Abadjieff | LinkedIn

Frankfurt, Germany