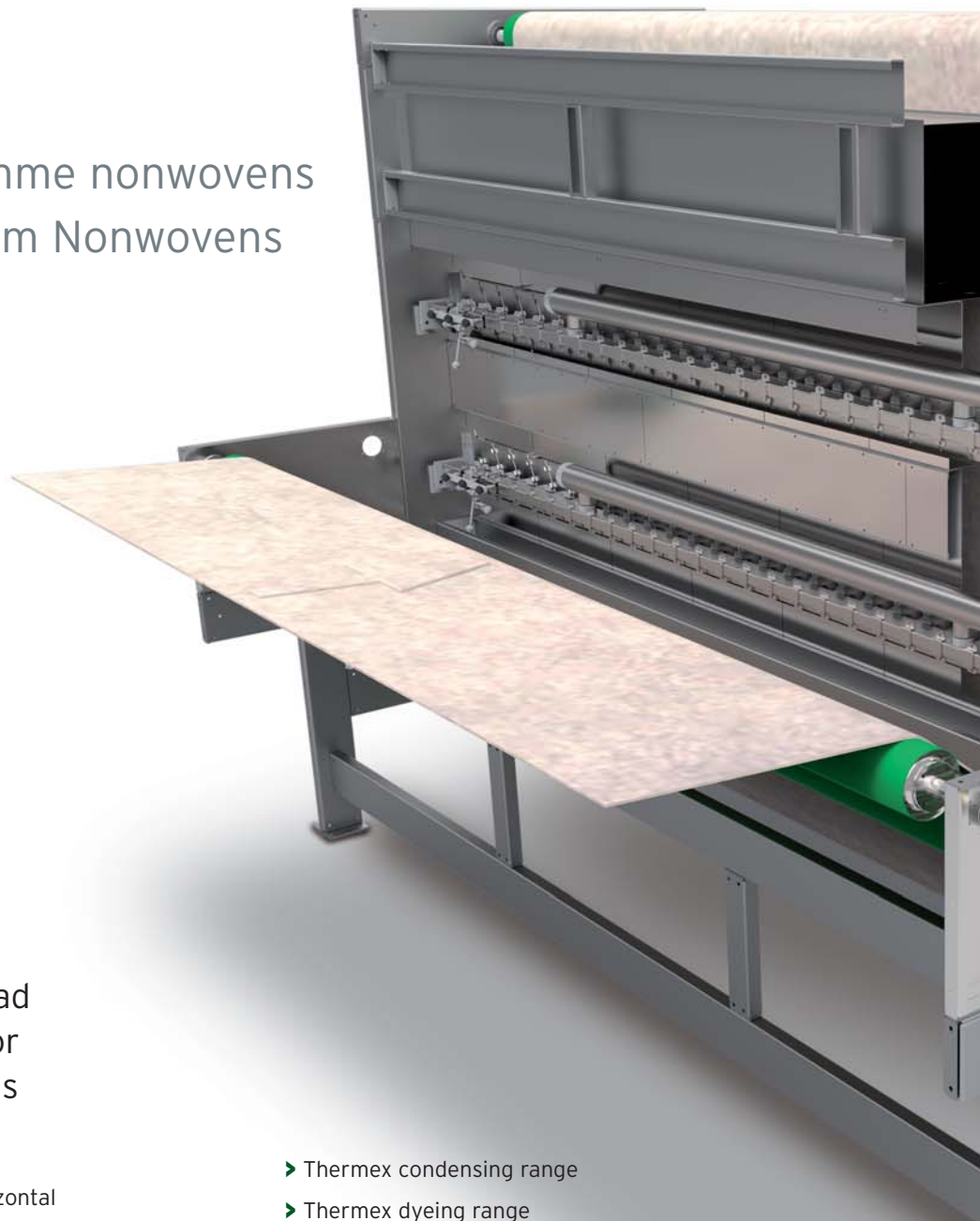


more for
nonwovens

- Product programme nonwovens
- Produktprogramm Nonwovens

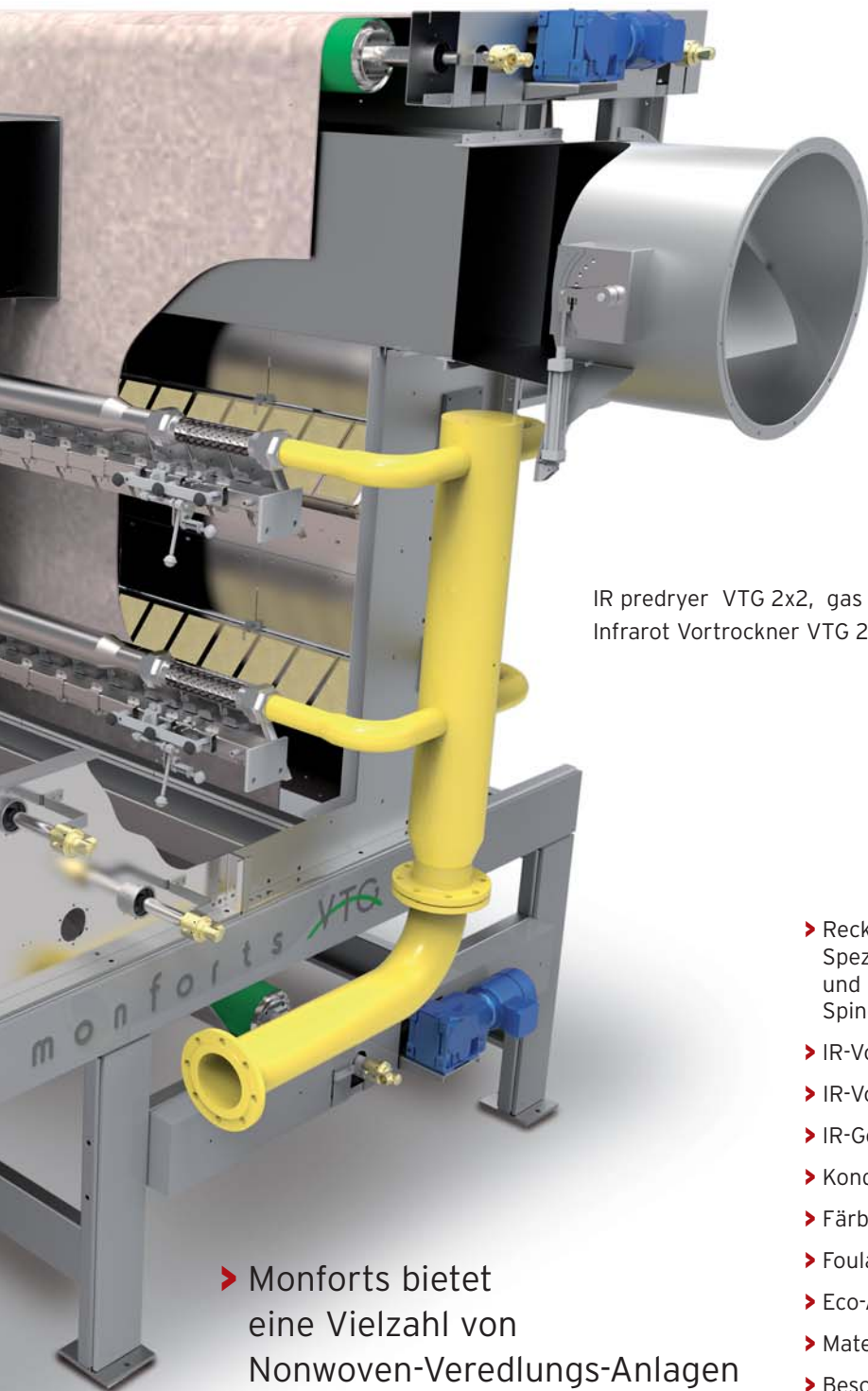


➤ Monforts offers a broad spectrum of ranges for finishing of nonwovens

- Montex 6500 stenter with horizontal and vertical chain
- Montex relaxation dryer, DynAir S
- VTMS predryer, Montex 6500 chainless with rollers
- VTMS SI, chainless with conveyor belt
- TMSB, stretching field
- Inlet stretchers, 4-roller
- Outlet stretchers, 4-roller
- Stretching of the fabric in the width
Special designs and reinforcements of the chamber tracks
spindles and spindle frames.
- VTG IR predryer (Gas)
- VTE predryer (electricity)
- VTE/3Q IR gelling unit over infeed track

- Thermex condensing range
- Thermex dyeing range
- Padders
- Eco-Applicator
- Matex V smoothing calender
- Coating ranges
- Cooling units
- Cutting units
- Winders
- Infeed section variants
with scrays and accumulators
- Delivery section variants
with scrays and accumulators
- Integrated heat recovery
- External heat recovery



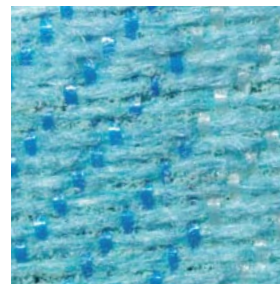


IR predryer VTG 2x2, gas heated for wider working widths
Infrarot Vortrockner VTG 2x2, gasbeheizt in großer Arbeitsbreite

➤ **Monforts bietet eine Vielzahl von Nonwoven-Veredlungs-Anlagen**

- Spannrahmen Montex 6500 horizontale und vertikale Kette
- Relaxiertrockner Montex, DynAir S
- VTMS Vortrockner, Montex 6500 kettenlos mit Walzen
- VTMS SI, kettenlos mit Siebband
- TMSB, Egalisierrahmen
- Einlauf-Reckwerke, 4 Walzen
- Auslauf-Reckwerke, 4 Walzen
- Recken der Ware in Breitenrichtung Spezialausführungen und Verstärkungen der Kammerbahnen Spindeln und Spindelgestelle.
- IR-Vortrockner VTG (Gas)
- IR-Vortrockner VTE (Elektrik)
- IR-Gelierschacht VTE/3Q über Einlaufbahn
- Kondensationsanlage Thermex
- Färbeanlage Thermex
- Foulards
- Eco-Applicator
- Matex V Glättkalander
- Beschichtungsanlagen
- Kühleinrichtungen
- Schneide-Einrichtungen
- Wickler
- Einlaufvarianten mit Mulden und Akkumulatoren
- Auslaufvarianten mit Mulden und Akkumulatoren
- Integrierte Wärmerückgewinnung
- Externe Wärmerückgewinnung

➤ Classification of non-woven fabrics



➤ Hygiene products

Incontinence products (nappies), surgical clothing and workwear, and antimicrobially finished nonwovens, female hygiene products (panty liners, tampons).

➤ Nonwovens for medical applications

Surgical drapes, towels, OP gowns, gloves, abdominal bandages, wound dressings, first-aid dressings, surgical face masks, headwear, medical mattress covers, vascular prostheses based on meltblown nonwovens, skin, cartilage, bone and organ replacements, nonwovens of resorbent polymers as carrier materials.

➤ Nonwovens for cleaning products and surface care

Wet and damp cleaning products (floor cloths and materials for floor cleaning systems, multi-use cleaning cloths, disposable cloths (disposables for dry dust removal on floors and for damp cleaning on floors), synthetic leather cloths.

Dry and damp cleaning products (microfibre nonwovens, polyvinyl alcohol nonwoven products, impregnated cloths), abrasive media (pan cleaners, scouring sponges and pads, floor cleaning discs).

➤ Nonwovens for home textiles

Nonwovens in upholstered furniture, mattresses and floor coverings, and as decorative materials and tufting backings.

➤ Nonwovens for clothing

Inlay nonwovens (forming and form support, stabilisation and/or stiffening, bulking), nonwovens for protective clothing (chemicals/aerosols/dust protection, wet and cold protection, heat protection, backing nonwovens for shoes).

➤ Nonwovens for technical applications

Insulation (fire, heat, sound), electronics (cable sheathing, adhesive tapes)

Dry filtration (surface filters, bag filters, cartridge filters, depth filters)

Liquid filtration (gravity belt filters, bag filters, candle filters, vacuum drum filters)

Construction (geotextile non-wovens for filters, separation layers, reinforcement and protective and drainage layers, roofing membranes)

Agriculture (frost protection, light protection, protection against game damage and parasites, protection against driving rain and hail, moistening of root systems, ground covering to prevent weeds, plant carrier mats, grass seed mat, erosion protection mat, renaturation, temperature insulation)

Automotive and aircraft industry, shipbuilding, railways (boot linings, floor coverings for passenger cell, seat backrest coverings, door pockets, door centre sections, seat gap covers outside and inside, seat trims, central armrests, tunnel coverings, edge guards, estate car luggage compartment linings, seat cushions, backrests, roof linings, sliding roofs, ABC pillar linings, door linings, headrests, sun visors, parcel shelves, filter media, transport tarpaulins, protective coverings)

Paper machine clothings



➤ Klassifizierung von Vliesstoffen



➤ Hygieneerzeugnisse

Inkontinenzprodukte (Windeln), OP-Textilien, Bereichs- und Berufsbekleidung, antimikrobiell ausgerüstete Vliese, Damenhygieneprodukte (Binden, Tampons).

➤ Vliesstoffe für Medizin

OP-Sets (Abdecktücher, Handtücher, OP-Mäntel, Handschuhe), Bauchtücher, Wundverbände und Wundauflagen, Verbandtücher, Mund-Nase-Schutz, Kopfschutz, Medizinische Betteinlagen, Gefäßprothesen auf Basis von Meltblown-Vliesstoff, Haut-, Knorpel-, Knochen- und Organersatz, Vliesstoffe aus resorbierenden Polymeren als Zellträger.

➤ Vliesstoffe für Reinigungsprodukte und Oberflächenpflege

Nass- und Feuchtreinigungsprodukte (Bodentücher und Materialien für Bodenreinigungssysteme, Wischtücher (Mehrweg), Einwegtücher (Disposables zur trockenen Staubentfernung am Boden sowie zur feuchten Reinigung am Boden), Syntheseleder-Tücher, Trocken- und Feuchtreinigungsprodukte (Mikrofaservliesstoffe, Polyvinylalkohol-Vliesstoff-Produkte, imprägnierte Tücher), Scheuermedien (Topfreiniger, Scheuerschwämme und -pads, Bodenreinigungsscheiben).

➤ Vliesstoffe für Heimtextilien

Vliesstoffe in Polstermöbeln, Matratzen und Fußbodenbelägen, sowie als Dekorationsmaterialien und Tuftingträger.

➤ Vliesstoffe für Bekleidung

Einlagevliesstoffe (Formgebung und Formunterstützung, Stabilisierung und/oder Versteifung, Volumengebung), Vliesstoffe für Schutzkleidung (Chemiekalien/Aerosol/Staubschutz, Nässe- und Kälteschutz, Hitzeschutz, Trägervliesstoffe für Schuhe).

➤ Vliesstoffe für technische Anwendungen

Isolation (Feuer, Wärme, Schall), Elektronik (Kabelummantelung, Klebebänder)

Filtration trocken (Oberflächenfilter, Schlauchfilter, Patronenfilter, Tiefenfilter)

Filtration flüssig (Schwerkraft-Bandfilter, Schlauch-, Beutelfilter, Kerzenfilter, Vakuumtrommelfilter)

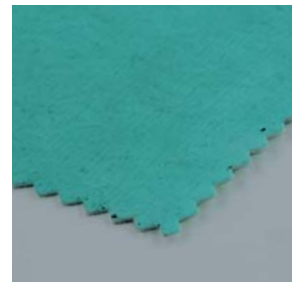
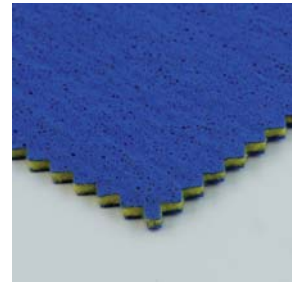
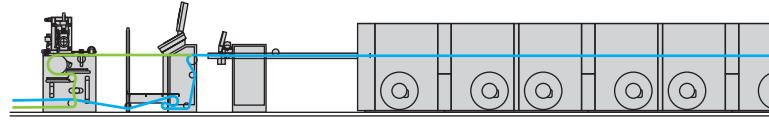
Bauwesen (Geovliesstoffe für Filter, Trennschicht, Bewehrung sowie Schutz- und Dränschicht, Dachbahnen)

Landwirtschaft (Frostschutz, Lichtschutz, Schutz vor Wildfraß und Parasiten, Schutz vor Schlagregen und Hagel, Feuchthaltung von Wurzelsystemen, Bodenabdeckung gegen Unkraut, Pflanzenträgermatte, Begrünungsmatte, Erosionsschutzmatte, Renaturierung, Temperatur-Isolation)

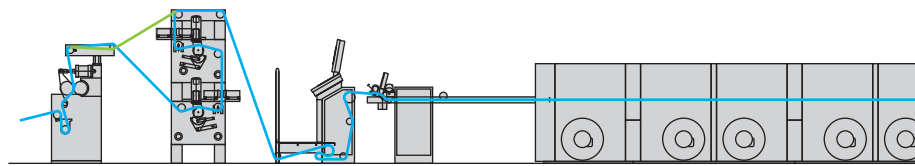
Fahrzeug- und Flugzeugindustrie, Schiffsbau, Eisenbahn (Kofferraumverkleidungen, Bodenbeläge Fahrgastzelle, Fahrerlehnenverkleidung, Türtaschen, Türmittelfelder, Sitzspaltabdeckungen außen und innen, Sitzblenden, Mittelarmlehnen, Tunnelverkleidung, Kantenschutz, Verkleidung Kombiladeraum, Sitzkissen, Sitzlehnen, Formhimmel, Schiebedach, ABC-Säulenverkleidung, Türverkleidung, Kopfstützen, Sonnenblenden, Hutablage, Filtermedien, Transportplanen, Schutzbekleidung)

Papiermaschinenbespannungen

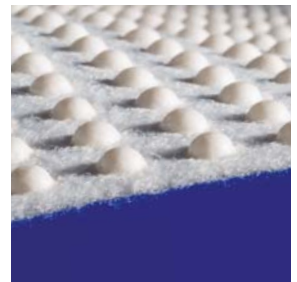
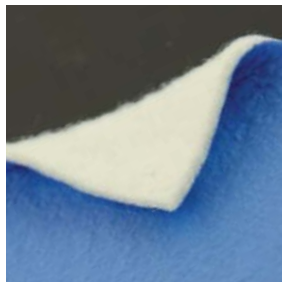
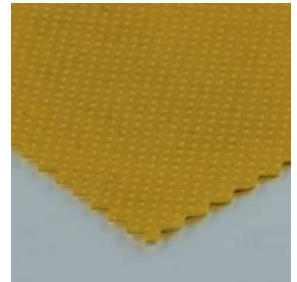
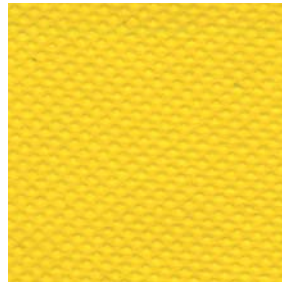
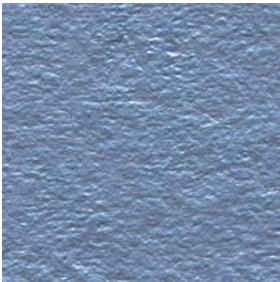
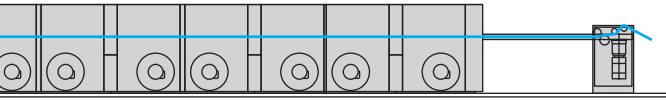
➤ Drying range with upline coating range



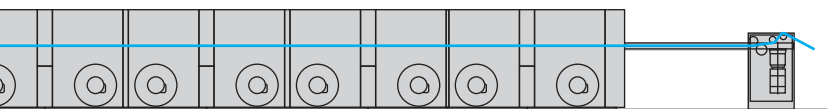
➤ Drying range with upline padder and minimum application unit, suitable for "wet-in-wet processes"



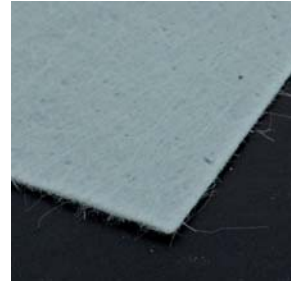
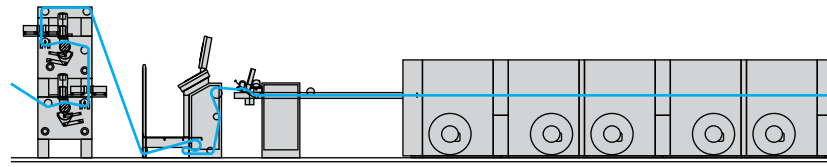
➤ Trockenanlage mit vorgeschalteter Beschichtungsanlage



➤ Trockenanlage mit vorgeschaltetem Foulard und Minimalauftrags-Aggregat, geeignet für „Nass-in-Nass-Prozesse“

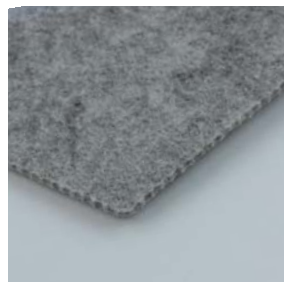
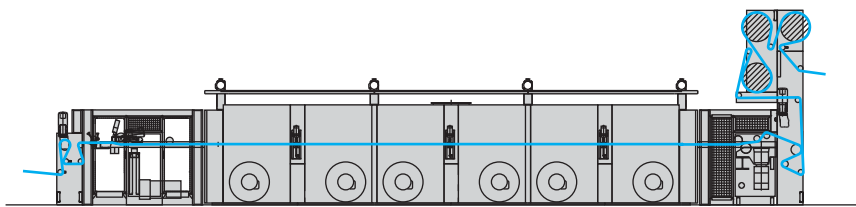


➤ Drying range with upline minimum application unit

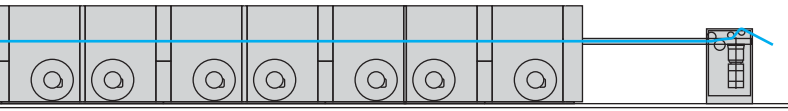


➤ Drying range for functional nonwovens in the shoe and leather industry

➤ Trockenanlage für funktionelle Vliesstoffe im Bereich Schuh- und Lederwaren

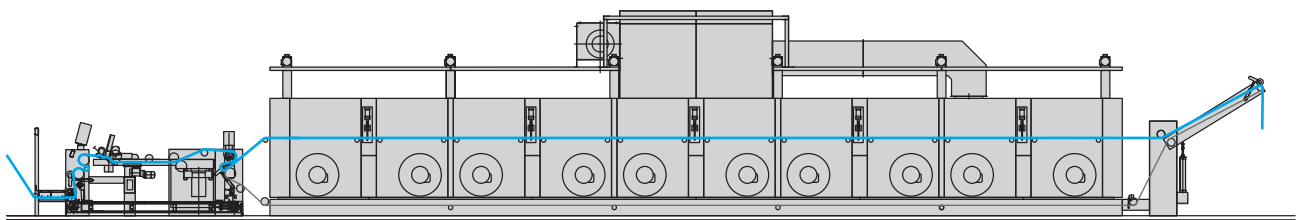


➤ Trockenanlage mit vorgeschaltetem Minimalauftrags-Aggregat



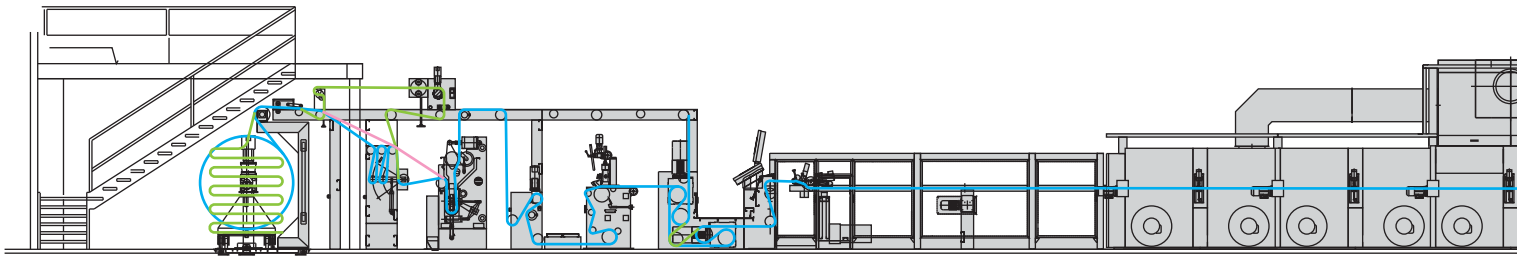
➤ Flow-through dryer

➤ Durchströmungstrockner



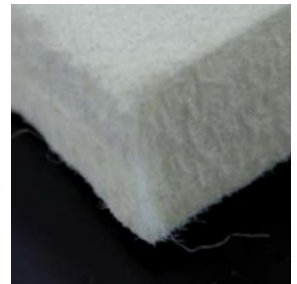
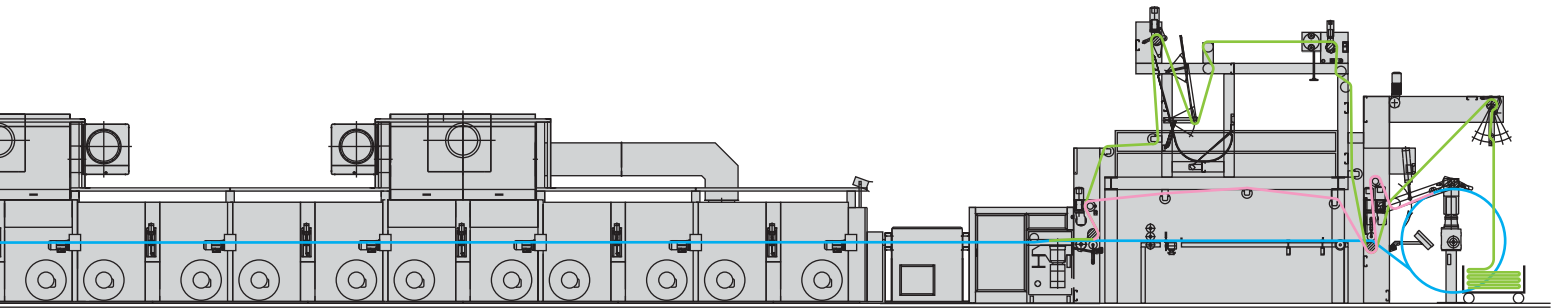


➤ Finishing range for needlefelt material

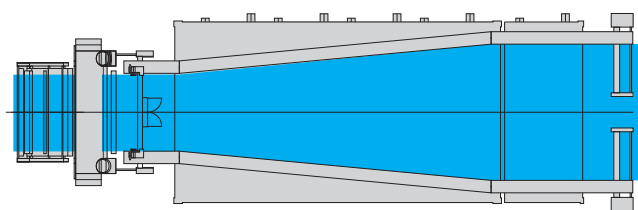
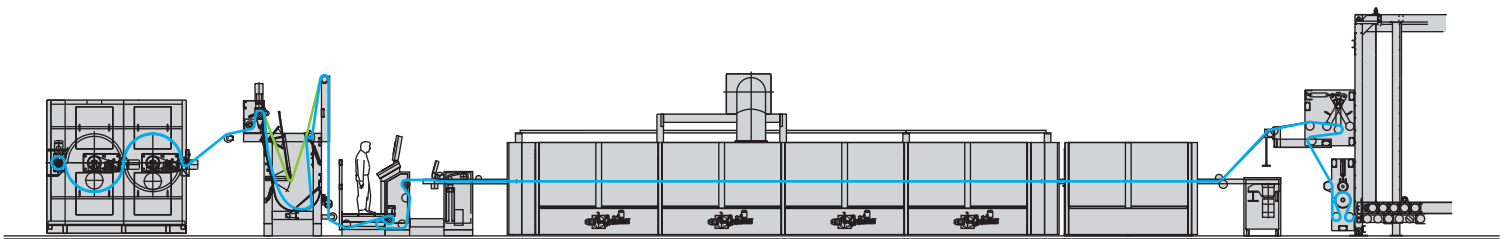




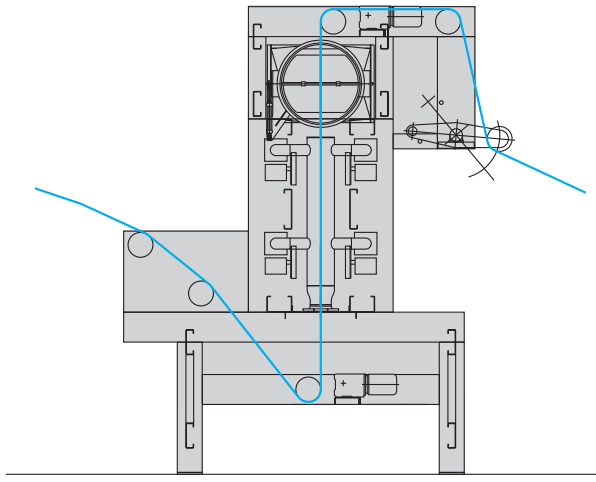
➤ Veredlungsanlage für Nadelfilzmaterial



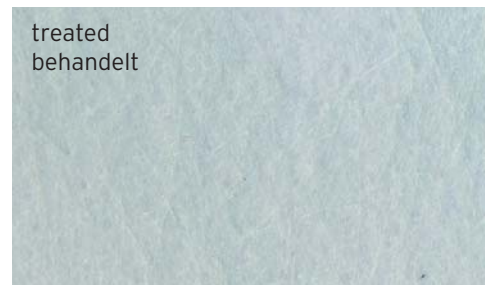
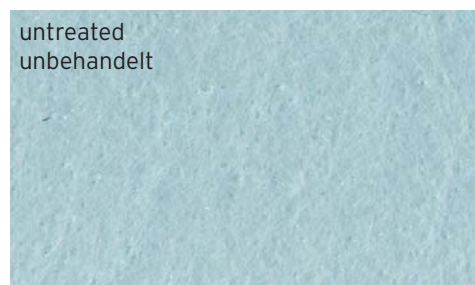
- Stretching range (260 - 540 cm) for PP nonwovens
- Breitstreckanlage (260 - 540 cm) für PP-Vliese



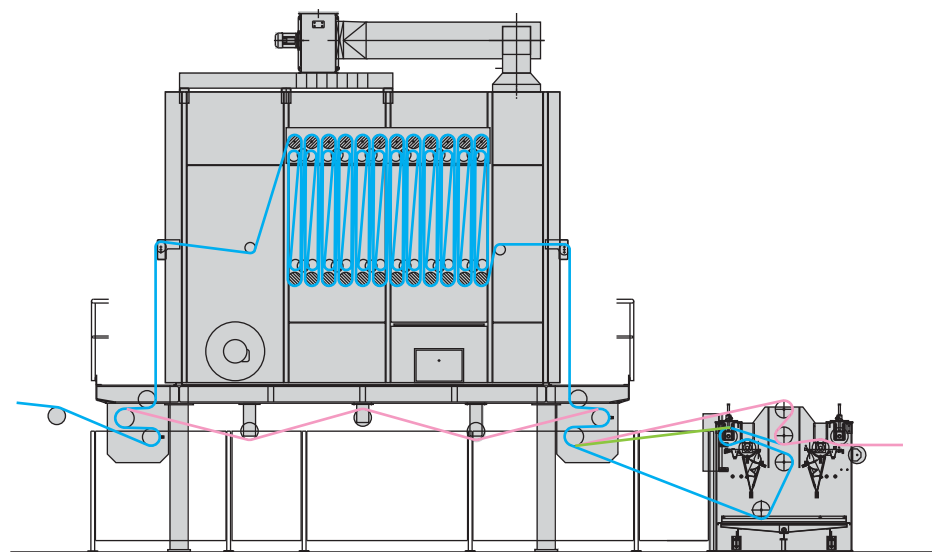
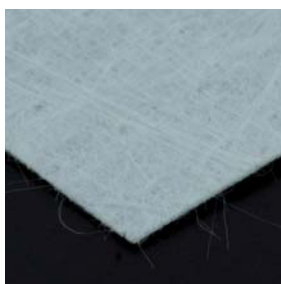
- IR predryer for roof lining membranes
- IR-Vortrockner für Dachunterspannbahnen



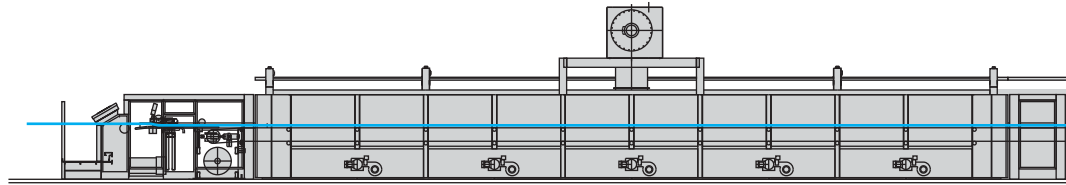
IR predryer VTG 2x2, gas heated
Infrarot Vortrockner VTG 2x2, gasbeheizt



- Drying and curing range
- Trocken- und Kondensationsanlage

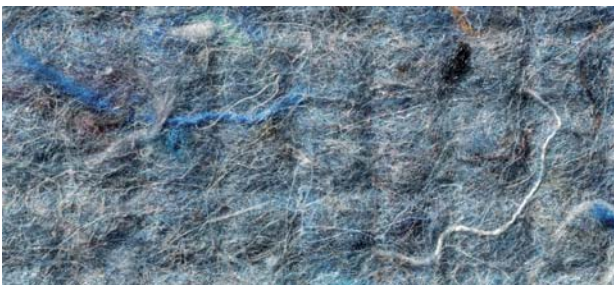
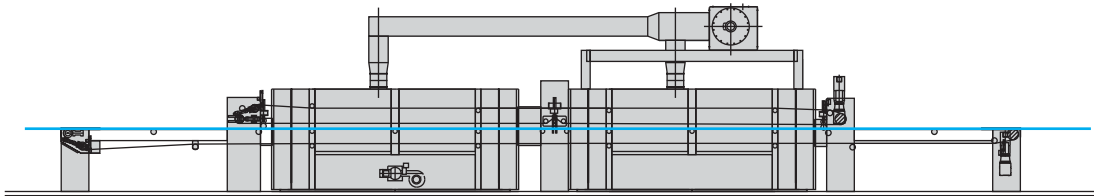


➤ Nonwoven drying and heat setting range

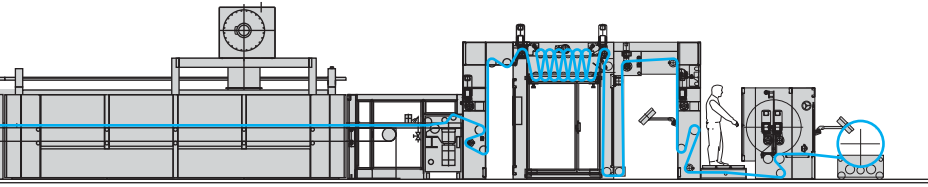


➤ Nonwoven heat setting and thermobonding range

➤ Nonwoven Fixier-und Thermobondinganlage



➤ Nonwoven Trocken- und Fixieranlage



untreated
unbehandelt



treated
behandelt



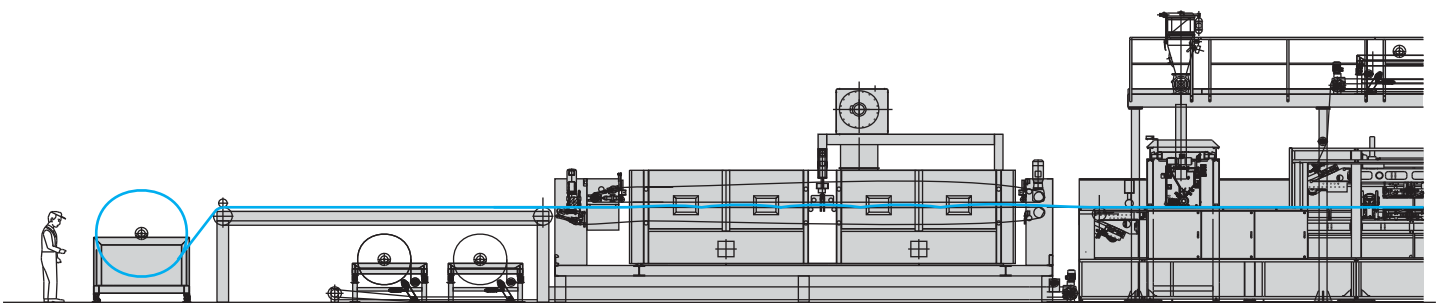
untreated
unbehandelt



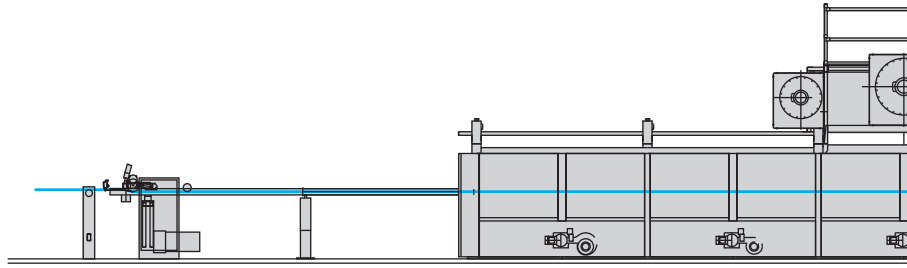
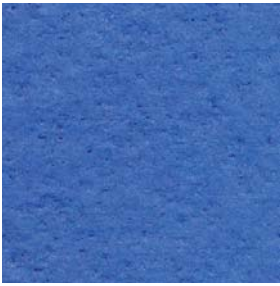
treated
behandelt

➤ Range for automotive nonwovens

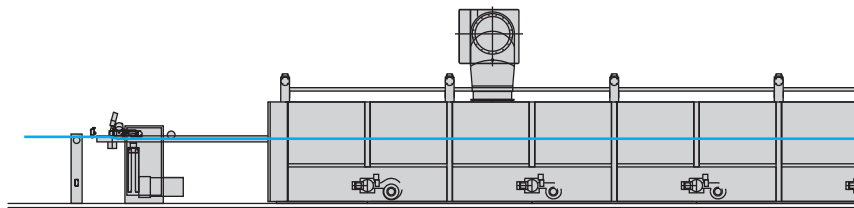
➤ Anlage für Automobil Nonwovens



➤ Drying range for nonwoven wipes

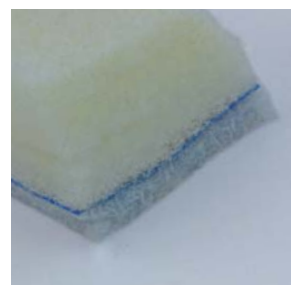
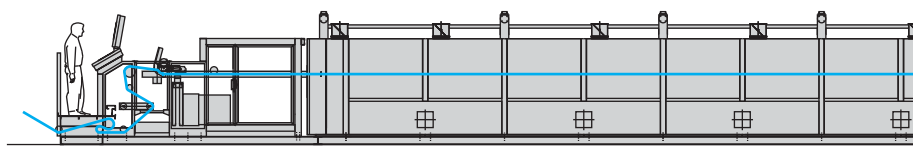


➤ Drying and thermobonding range for wipes

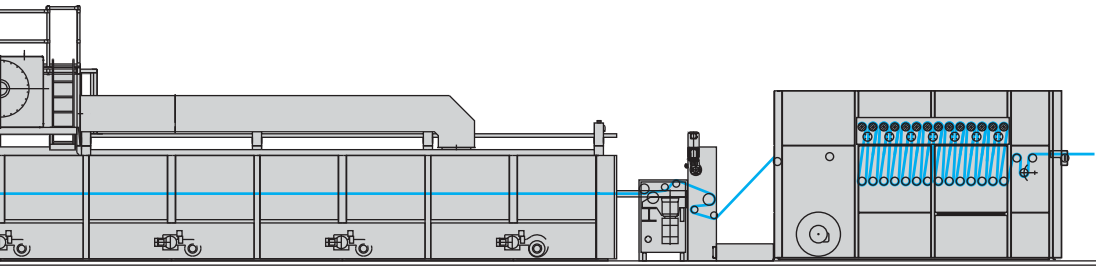


➤ Drying and heat setting range for needlefelts

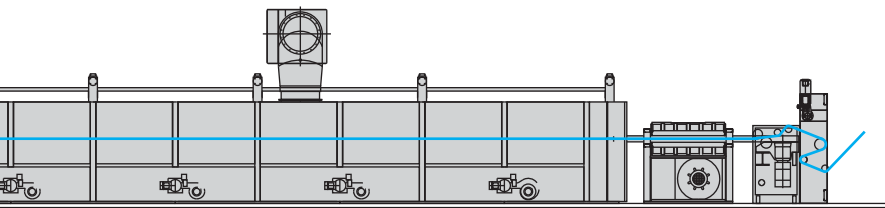
Temperature up to 300°C
(aerospace, flame protection, filtration, projectile protection)



➤ Trockenanlage für Nonwoven Putztücher



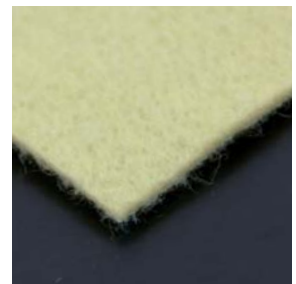
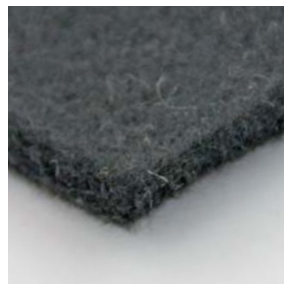
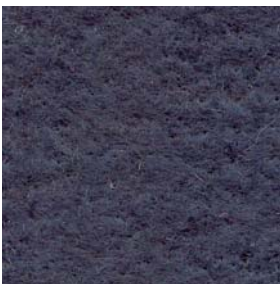
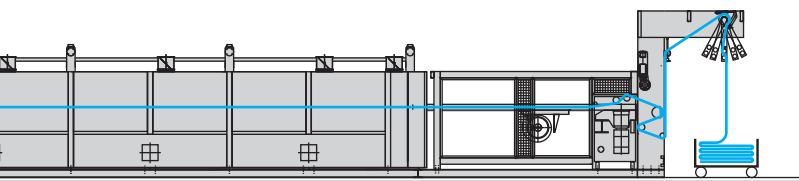
➤ Trocken- und Thermobondinganlage für Putztücher



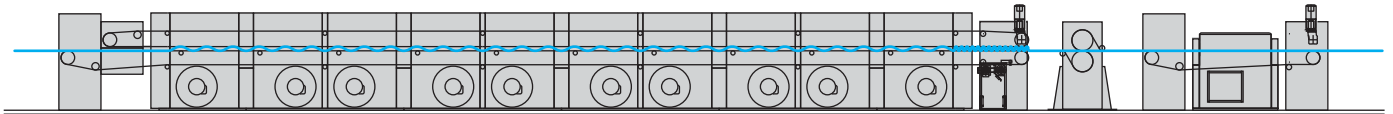
➤ Trocken- und Fixieranlage für Nadelfilze

Behandlungstemperatur bis 300° C

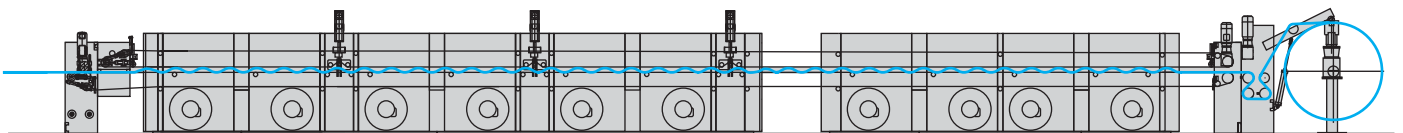
(Luft- und Raumfahrt, Flammschutz, Filtration, Projektilschutz)



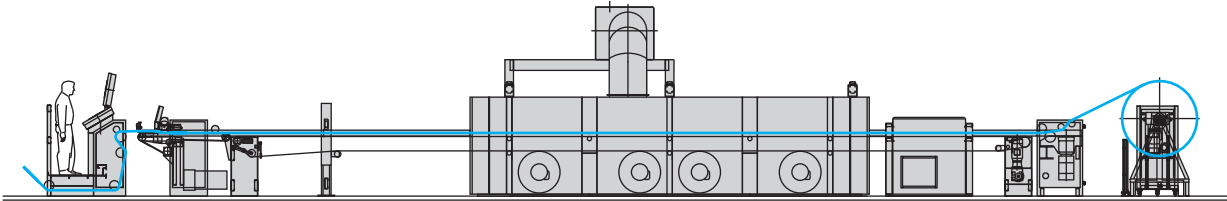
- Conveyor belt range for thermobonding using melt bonding fibres
- Siebband-Anlage für Thermobonding mittels Schmelzfasern



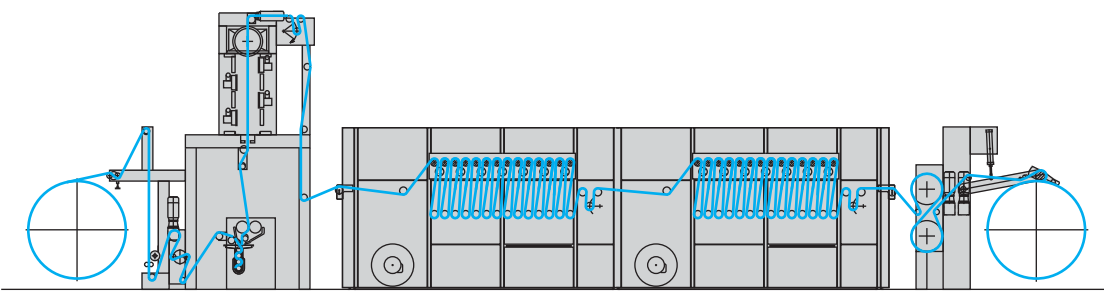
- Combination range with adjustable conveyor belt
- Kombi-Anlage mit verstellbarem Siebband



- Stenter with chain and conveyor belt for nonwovens
- Spannrahmen mit Kette und Siebband für Nonwovens



- Continuous dyeing range for cellulose nonwovens, polyester and PES/cellulose blends
- Kontinuierfärbeanlage für Nonwovens aus Zellulose, Polyester und PES/Zellulose-Mischungen





Monforts | Germany



Montex | Austria



Monforts ATC | Germany



Monfongs | China



A. Monforts Textilmaschinen GmbH & Co. KG

Germany | A Member of CHTC Fong's Industries

Postfach 10 17 01
 Blumenberger Straße 143 -145
 Telefon:
 Internet:
 eMail:

D-41017 Mönchengladbach
 D-41061 Mönchengladbach
 + 49 - (0) - 21 61 - 401-0
www.monforts.de
info@monforts.de

GERMAN 
 Technology

