

FIBREBLOW® PREMIUM

INNOVATION IN INDUSTRIAL FILLING TECHNOLOGY

Fibreblow® Basic System



FL

Fibreblow® Premium
Feeder Lift

+



P

Fibreblow®
Premium
Plate

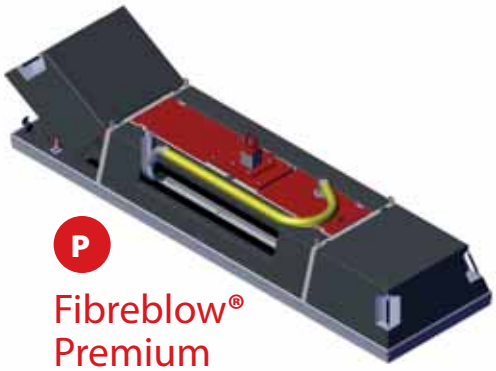
Fibreblow® Basic System



FD

Fibreblow®
Premium
Feeder Drop

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P

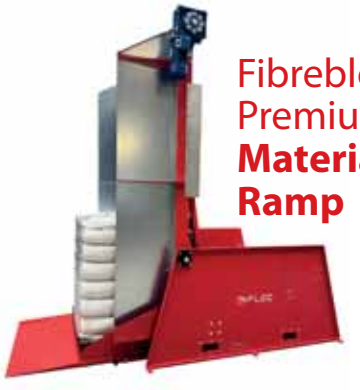
Fibreblow®
Premium
Plate

Fibreblow® Add-on to

FD

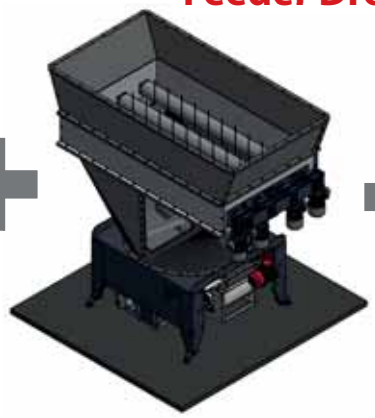
Fibreblow® Premium
Feeder Drop

ML

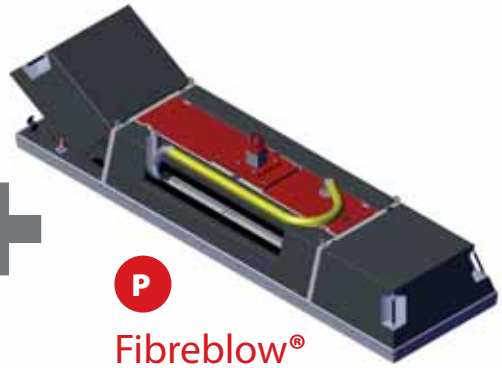


Fibreblow®
Premium
Material Ramp

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P

Fibreblow®
Premium
Plate

X-Floc Fibreblow® Premium

First-class insulation blowing technology

The Fibreblow® Premium system is a first-class system for uniform and stable blowing results in roof, wall and ceiling elements. It is powerful, user-friendly and enables seamless scaling from semi- to fully automated processes as well as integration into existing production lines and connection to software-controlled bridge or robot systems. The patented technology ensures process reliability, consistently high execution quality and real time savings in production – a clear competitive advantage for your company.

AUTOMATION

Can be easily integrated into automated manufacturing processes – from dimensioning to data logging

QUALITY

Minimal mound formation and maximum settlement stability thanks to patented plate construction

PERFORMANCE

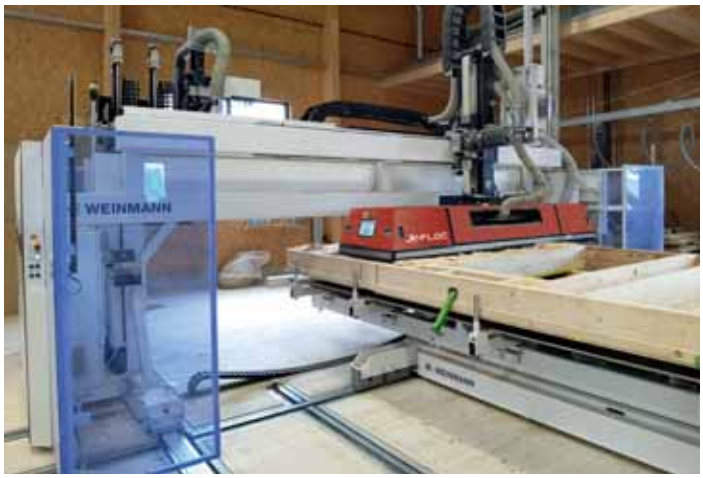
High material flow rate and fast filling of all types of compartments thanks to optimally prepared fibres

USABILITY

High ease of use thanks to flexible control via an intuitive control panel

HEALTH

Environmentally friendly and healthy thanks to low-dust filling technology with encapsulated plate



Easy connection to a multifunction bridge





Perfect blowing result thanks to patented „Röckli" injection nozzles

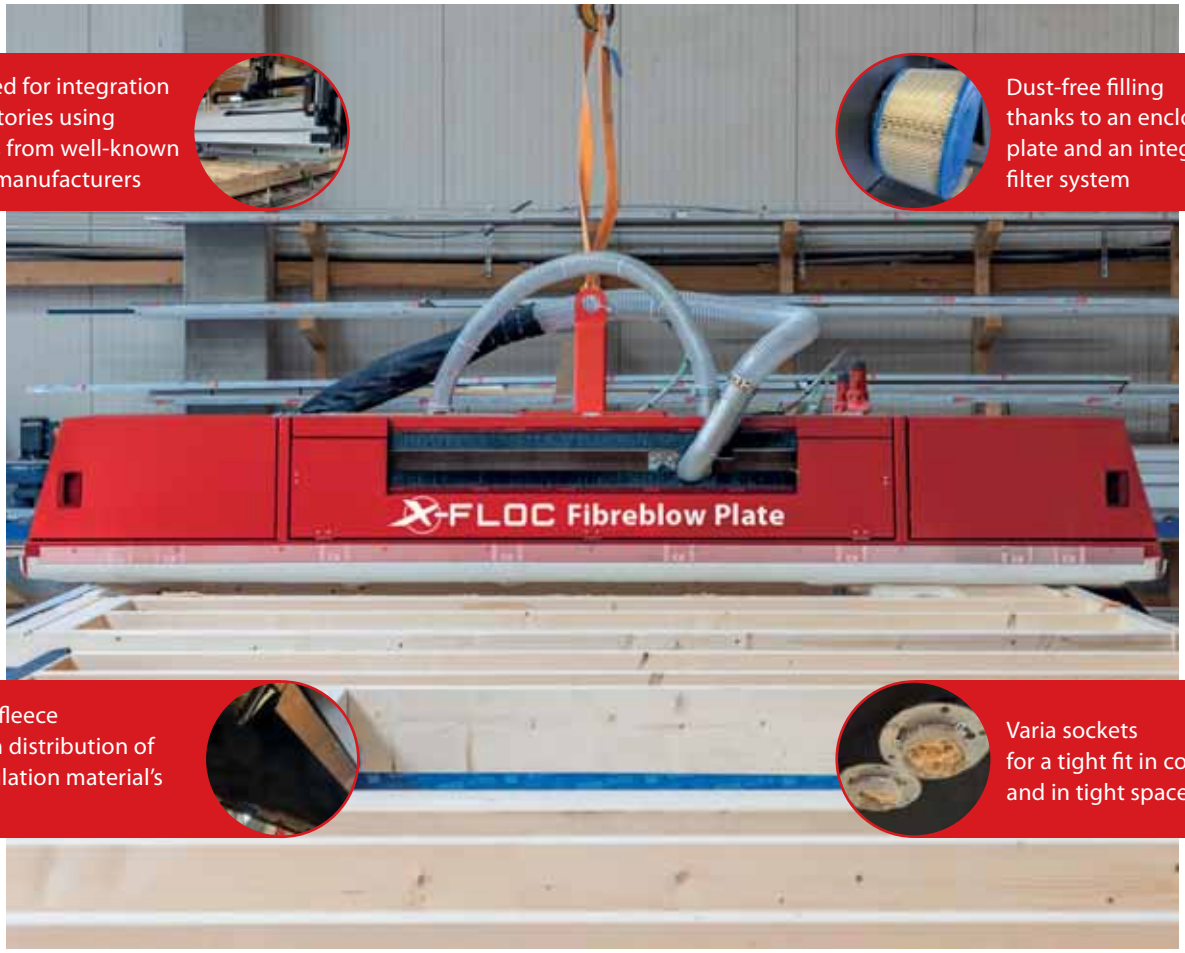


24/7 data access and remote maintenance



24/7 remote access to software for monitoring, maintenance and troubleshooting

Minimal mounding (±10mm) thanks to the patented 'Röckli' nozzle design



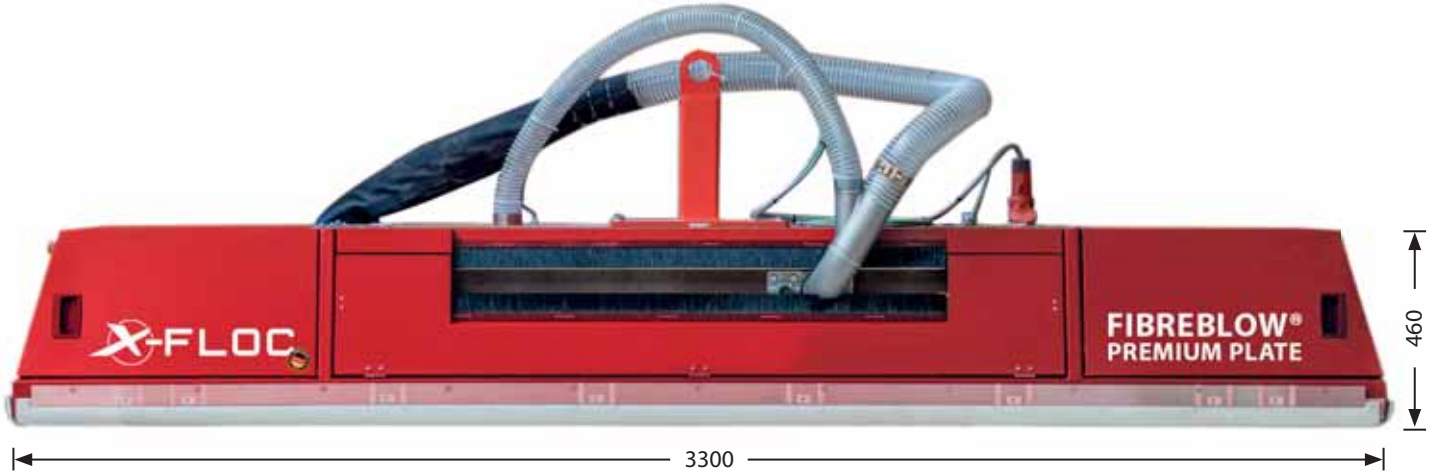
Designed for integration into factories using systems from well-known gantry manufacturers

Dust-free filling thanks to an enclosed plate and an integrated filter system

Special fleece for even distribution of the insulation material's density

Varia sockets for a tight fit in corners and in tight spaces

X-Floc Fibreblow® Premium



Fibreblow® Premium Plate

The Fibreblow® Premium Plate is a top-quality insulation blow-in panel specially developed for loose insulation materials (e.g. wood fibes). When using an overhead crane, positioning lasers ensure that the plate is placed exactly where it is needed. In combination with the Feeder Lift or Feeder Drop, it allows the optimally prepared fibres to be blown into the cavities of roofs, walls and ceilings homogeneously, without settling and at maximum speed. Thanks to the patented nozzle design, mound formation is virtually impossible. For optimum corner filling and to increase settlement resistance, the nozzle distances to the lower and upper edges are adjustable. Among other things, the software ensures seamless integration into existing manufacturing processes and short set-up times when changing insulation materials.

The top five advantages

- Specialised geometry for uniform density distribution of the insulation
- Fast compartment filling thanks to optimally prepared fibres
- Minimal mounding (±10mm) thanks to the patented nozzle design
- Healthy working conditions: low-dust filling with encapsulated plate
- Integration into production bridges from leading manufacturers

Technical data

	Fibreblow® Premium Plate (P6)	Fibreblow® Premium Plate (P8)
Dimensions (LxWxH)	approx. 3300x900x460mm	approx. 4100x900x460mm
Weight	approx. 480kg	approx. 570kg
Electrical connection	400V/50Hz/16A	400V/50Hz/16A
Material flow rate	approx. 900-1200kg/h with wood fibre, glass wool approx. 2000kg/h with cellulose	approx. 900-1200kg/h with wood fibre, glass wool approx. 2000kg/h with cellulose
Insulating material	loose insulating materials	loose insulating materials
Control	Touchscreen	Touchscreen

P = Number of blow-out nozzles



Components and parts based on proven and robust technology from farming industry

Quick and easy material changes, operator friendly via standard palette or forklift

Customisable settings for optimal adaptation to any insulation material



Designed for high usability and continuous operation in factory environments

Optimized material handling from bale braking to fibre separation

Integrated weighing cells and measuring electronics for precise process control

X-Floc Fibreblow® Premium



Fibreblow® Premium Feeder Lift

The X-Floc Fibreblow® Premium Feeder Lift is the perfect solution for feeding insulation material to a Fibreblow® Premium Plate using large bales or small bales stacked on a pallet. Up to approx. 2.5m³ material on a pallet can be easily loaded into the machine via a forklift, then the material is fully automatic transported upwards via a lifting table. At the top, the material is sheard off and falls loosened into the machine's storage container. Thanks to the geometry of the conveyor and the horizontal shaft, which transports the material into the rotary valve, we achieve a gentle first-in-first-out material handling. The integrated high-performance blowing module ensures the right amount of insulation material to be conveyed to the Fibreblow® Premium Plate.

The top five advantages

- Optimal fibre pre-treatment from bale breaking to fibre separation
- First in - First out principle for gentle fibre disintegration without shearing stress
- Integrated weighing cells and measuring electronics for precise process control
- Quick and easy loading and cleaning
- Remote maintenance software for monitoring and diagnosis

Technical data

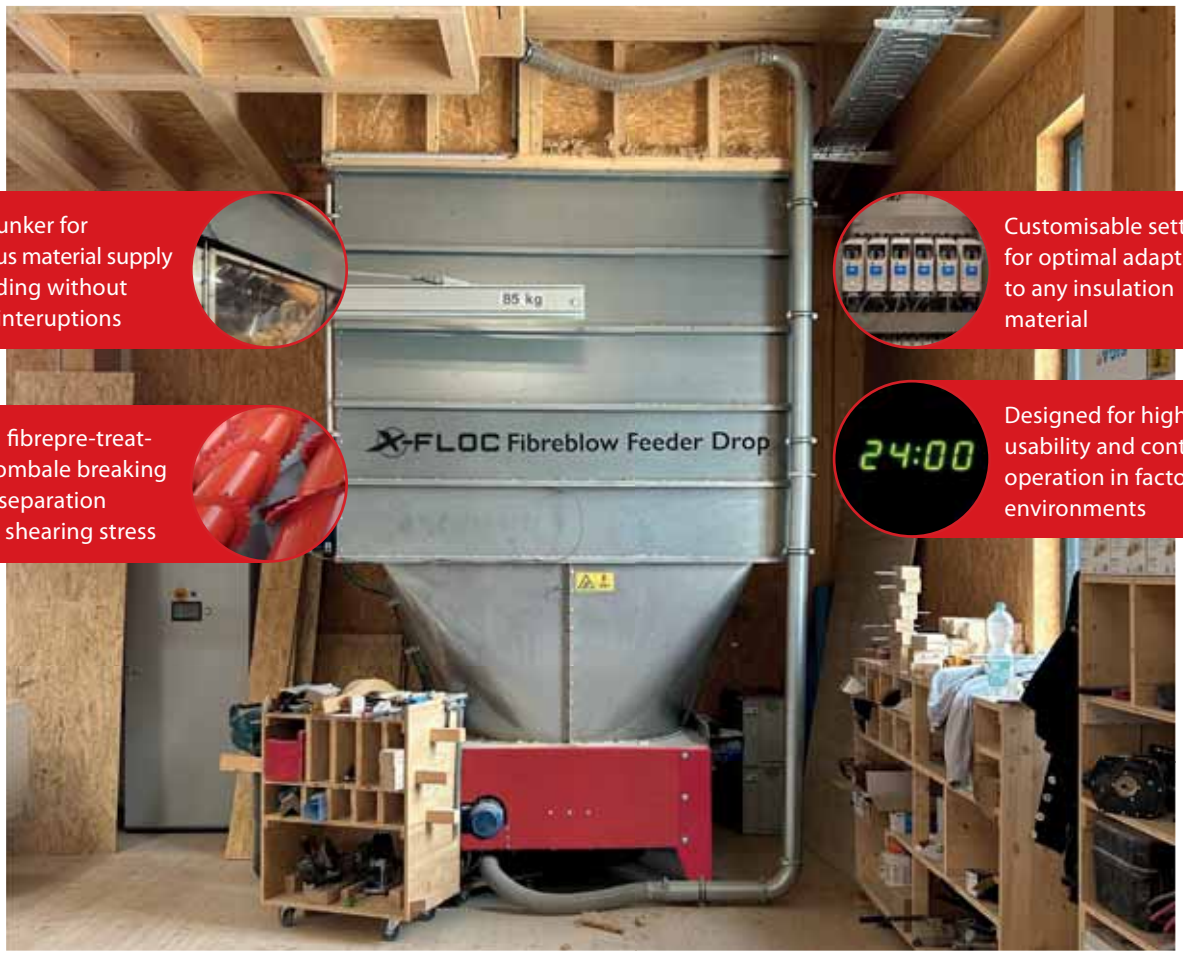
	Fibreblow® Premium Feeder Lift
Dimensions (LxWxH)	approx. 2400x1800x3400mm
Weight	approx. 2065kg
Electrical connection	400V/50Hz/32A
Storage volume	approx. 2,5m³
Insulating materials	loose insulating materials
Control	Touchscreen



Integrated weighing cells and measuring electronics for precise process control

Components and parts based on proven and robust technology from farming industry

Material handling that is as gentle as possible, without shear stress or loss of quality



Large bunker for continous material supply and loading without service interuptions

Customisable settings for optimal adaptation to any insulation material

Optimal fibrepre-treatment frombale breaking to fibre separation without shearing stress

Designed for high usability and continuous operation in factory environments

X-Floc Fibreblow® Premium



Fibreblow® Premium Feeder Drop

Fibreblow® Premium Feeder Drop is the perfect solution for feeding insulation material to a Fibreblow® Premium Plate without interruption. Four horizontal, individually driven toothed rollers gently shred both large and small bales, break them up and feed the material to the rotary feeder via the first-in-first-out feeder. The integrated blowing module ensures the right amount of insulation material is conveyed. The height of the Fibreblow® Premium Feeder Drop and thus the filling volume can be variably adapted to requirements, either via suitable metal frames or installation in individual material feed solutions.

The top five advantages

- Optimal fibre pre-treatment, from bale breaking to fibre separation
- First-in, first-out principle for gentle fibre separation without shear stress
- Integrated load cells and compatible measurement electronics for precise process control
- Quick and easy operation and cleaning
- Remote maintenance software for monitoring and diagnostics

Technical data

	Fibreblow® Premium Feeder Drop
Dimensions (LxWxH)	approx. 2800x1500x3200mm (with two extension units)
Weight	approx. 1465kg
Electrical connection	400V/50Hz/32A
Storage volume	ca. 6m³ /can be extended to customer specifications
Insulating materials	loose insulation materials
Control	Touchscreen



Fibreblow® Premium Material Ramp

1. Conveyor table in a vertical position for easy loading onto pallets using a forklift truck or crane



2. Conveyor table that can be tilted to the side,; bottom opening for easy removal of pallets and packaging material

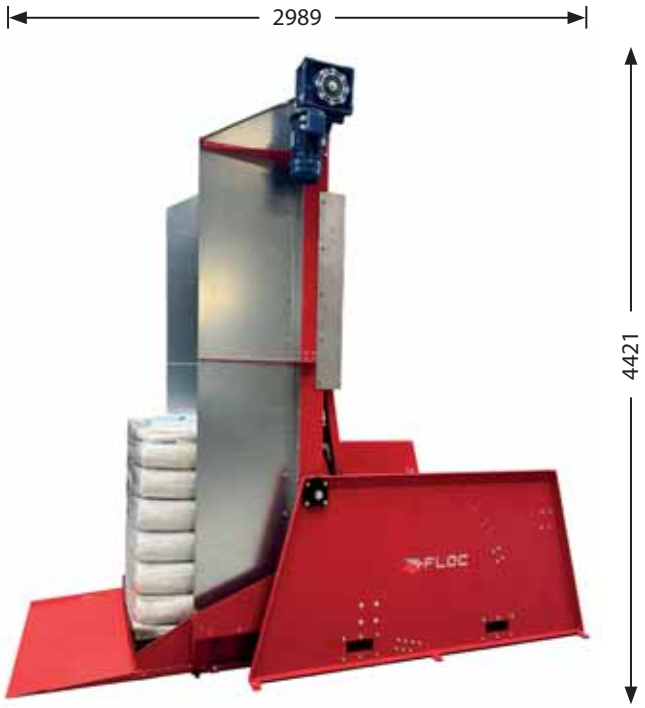


3. Conveyor table transports material onto a secondary conveyor belt for storage and feeding into the Feeder Drop



Removable barriers for easy loading with small bales (e.g. rock wool)

X-Floc Fibreblow® Premium

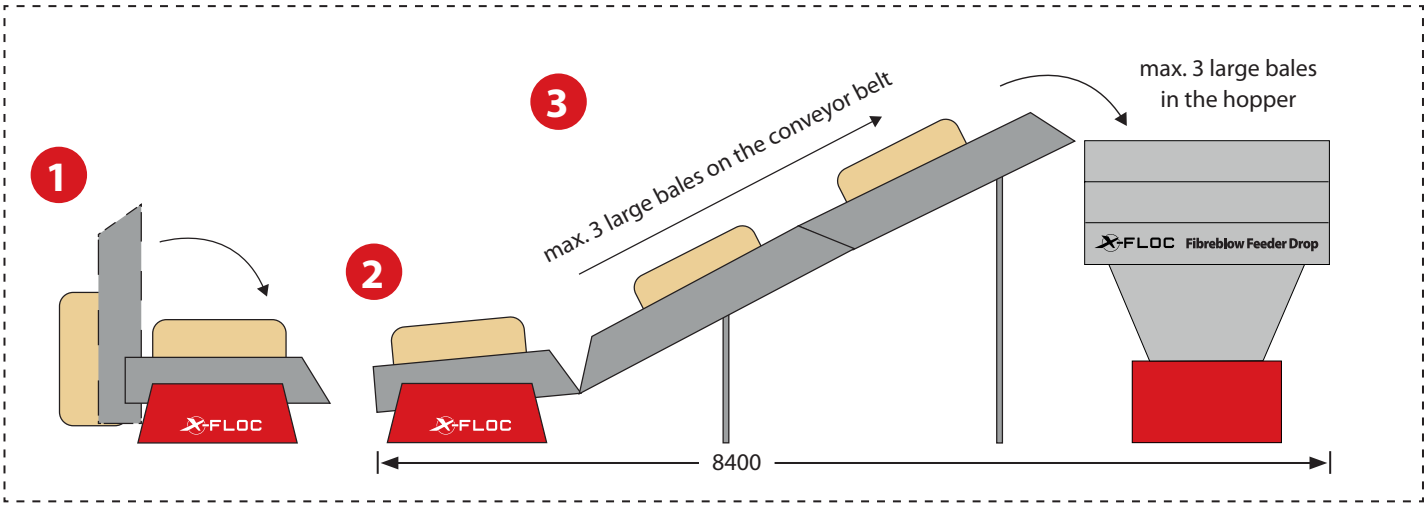


The top five advantages

- Seamless material flow made possible by continuous filling
- A high-performance conveyor belt and unlimited material storage in one
- Personal safety ensured by ergonomic material feeding that eliminates safety risks
- Full flexibility with insulation materials, whether expanding or dimensionally stable
- Integrates into all production layouts, whether at ground level or on a second level

Technical data

Dimensions (LxWxH)	approx. 4341x1620x2022mm (horizontally) | approx. 2989x1620x4421mm (vertically)
Weight	approx. 1300kg
Electrical connection	400V/50Hz/16A
Insulation material	dimensionally stable or expanding insulation material
Control	Touchscreen



SINCE 1994 X-FLOC GERMAN ENGINEERING

Shaping the future of insulation

X-Floc worldwide

www.x-floc.com



You can find many items from our portfolio – including those for special applications – in our online shop:

Your X-Floc representative

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Prices on request . Published 11/2026 . Subject to changes and errors