SINCE 1994
GERMAN ENGINEERING
X-FLOC
Shaping the future of insulation

THE **X-FLOC** CATALOGUE

MACHINES AND ACCESSORIES FOR BLOW-IN INSULATION

FOUNDED IN
1994

55
EMPLOYEES
INCL. 7 R&D

~60%
EXPORT

>12.000
MACHINES
DELIVERED

CO2 NEUTRAL
IN SCOPE 1&2

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Our partner network

X-Floc is Europe's largest independent manufacturer of machines and other equipment for blowing technology. In addition to our direct sales from our headquarters in Renningen, we have a strong network of partners in Europe and on other continents.
Are you looking for an **X-Floc** representative in your area? You can find more information about our international partners on our website.
If you are interested in joining the global programme for **X-Floc** service partners, please contact us directly.

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Welcome to X-Floc

Dear customers and partners,

What you are holding in your hands is not just a new catalogue – it is the first complete catalogue in the history of **X-Floc**. And there is a good reason for that.

Over the past few months, we have thoroughly reviewed our entire portfolio of blow-in machines and accessories, re-sorted them and organised them from a completely new perspective: your perspective.
Instead of confusing you with technical categories, we have put together application-specific packages. Whether for insulation in timber frame construction, core insulation for renovating old buildings or other blow-in insulation applications – you can now find what you need for your construction sites at a glance.

This catalogue also marks a new beginning for **X-Floc** itself. Following the change in management in autumn 2024, we are reinventing ourselves – with fresh energy and a clear goal. In doing so, we are building on what has made us strong: decades of experience and genuine craftsmanship. From this, we are now drawing new strength for innovations that pack a punch.
Since the beginning of 2025, we have been keeping our promise to you: Every three months, we present new developments in blow-in insulation. Because when the industry moves forward, we all move forward.

Stay up to date: To make sure you don't miss any of these innovations, subscribe to our newsletter.
Simply scan the QR code – and you'll always be up to date.

We wish you every success with your projects.

Your **X-Floc** team

Your X-Floc contacts

Please contact our sales team directly. We will be happy to advise you, analyse your requirements and offer you the best products or services for your company. We look forward to your enquiry.

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X-FLOC
Shaping the future of insulation

EM100

For DIY professionals and beginners

The **EM100** is primarily suitable for private construction projects. It is often the first choice for ambitious DIY enthusiasts who are looking for a blow machine that is as handy as it is robust and easy to use.

Square, practical, mobile
Thanks to its functional design and resulting low weight, the **EM100** can be used anywhere. It is also portable, can be easily tilted and, with the aid of its transport wheels, can be moved effortlessly even on uneven ground. .

Ideal for construction sites with simple infrastructure
Thanks to its 230V power connection, the **EM100** is ready for immediate use anywhere. The integrated mains voltage indicator allows fluctuating power supplies and voltage drops to be detected quickly.

Purpose-built and user-friendly
Reduced to the essentials and featuring clearly recognisable and clearly arranged controls, the **EM100** excels in terms of user-friendliness and DIY suitability.

Ideal for open blowing
The loosening mechanism, consisting of two rotating shafts, does a good job of breaking up the insulation materials. The **EM100** is particularly suitable for open blowing of cellulose, glass wool and light granulates.

Cost-effective and easy to maintain
The modular electronics of the **EM100** consist of standardised components that can be easily replaced if necessary. Simple repairs and maintenance work incur hardly any costs and can usually be carried out by the user themselves.

THE TOP FIVE ADVANTAGES

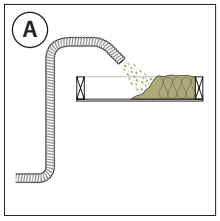
- Square, practical, mobile
- Ideal for construction sites with simple infrastructure
- Purpose-built and user-friendly
- Optimal for open inflation
- Cost-effective and easy to maintain

Technical data

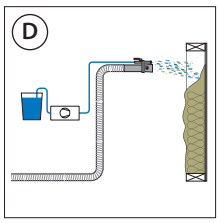
Measurement	
Dimensions (LxWxH)	600x500x1300mm
Unladen weight	117kg
Hopper	0,15m³
Filling height	1250mm
Airlock outlet	ø NW63 (2½")
Performance data	
Rated power	2,2kW
Air volume	180m³/h
Dynamic pressure	270mbar
Material processing speed	320kg/h
Conveying height	30m
Hose length	40m
Characteristics	
Material conditioning	2 horizontal loosening shafts
Air generator	RV 1,45kW
Power supply	230V/10-16A

Blow-in method

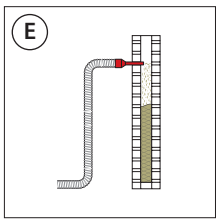
Open/attic blowing



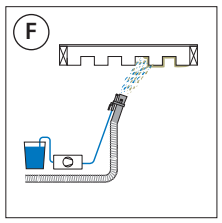
Damp spraying



Cavity wall insulation



Fire protection



Insulation blow-in machine	Item no.
EM100	3550

Insulation material

Suitable for all loose insulation materials, e.g. cellulose, glass wool and leightweight granulates

Cellulose

Glass wool

EPS granulates

Perlite

EM99

For beginners and blow-in professionals around the world

The **EM99** is the universal injection machine in the professional segment. For two decades, it has proven its performance and maximum material versatility on construction sites of all types and sizes around the world, as well as in special applications.

Unrivalled navigation precision
The manually operated airlock feed gate and the speed control of the sluice (optionally with eight instead of six chambers) enable precise and material-appropriate dosing.
The **EM99-DS-Pro 8K** is virtually unbeatable in terms of accuracy and adaptability, particularly in core insulation and spray applications with lightweight insulation materials.

Maximum control at the injection point
Equipped as standard with the FFB2000-Pro radio remote control, which is characterised by high transmission reliability, the **EM99-DS-Pro** offers individual adjustment options directly at the work site and an optimised blowing process. The basic equipment of the **EM99-DS** includes the FFB500 radio remote control (optional FFB2000-Pro), which is characterised by its low weight and robust, handy housing.

Unique ease of transport
The removable filling attachment not only allows the **EM99** to be transported in small vehicles, but also provides quick and easy access for maintenance work.

Proven quality for worldwide use
Its light current connection and robust construction, including tyres suitable for construction sites, have proven themselves under various conditions on construction sites all over the world. The **EM99** enjoys a reputation among its users for exceptional reliability and durability.

Excellent price-performance ratio
The fact that the **EM99** offers the performance and versatility of a large machine in a compact format makes it an extremely economical purchase and a popular choice among blow-in professionals.

8 chambers

The top five advantages

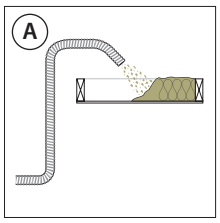
- Unrivalled navigation precision
- Maximum control at the injection point
- Unique ease of transport
- Proven quality for worldwide use
- Excellent price-performance ratio

Technical data

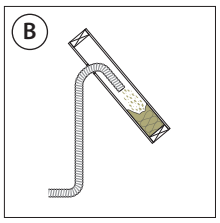
Measurements	
Dimensions (LxWxH)	810x730x1325mm
Unladen weight	111kg
Hopper	0,26m³
Filling height	1325mm
Airlock outlet	ø NW75 (3")
Performance data	
Rated power	3,6kW
Air volume	280m³/h
Dynamic pressure	330mbar
Material processing speed	650kg/h
Conveying height	30m
Hose length	80m
Characteristics	
Material conditioning	rotating agitator with shredder arms
Air generator	RV 2x1,45kW
Power supply	230V/16A

Blow-in method

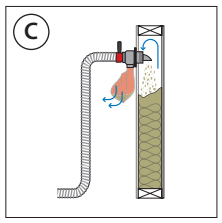
Open/attic blowing



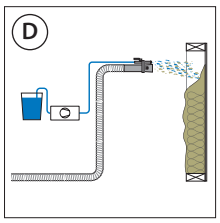
Dry injection



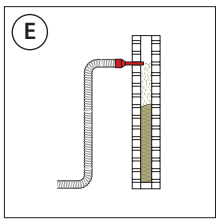
Ventilated dense blowing



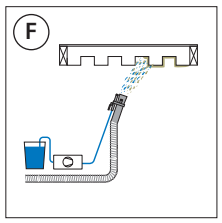
Damp spraying



Cavity wall insulation



Fire protection



Insulation blow-in machine	Item no.
EM99-DS	3837
EM99-DS-Pro	5416
EM99-DS-Pro 8K	7392

Insulation material

Suitable for all loose materials, e.g. cellulose, glass wool, granulates and perlite

Cellulose

Wood fibre

Glass wool

EPS granulates

Perlite

Shaping the future of insulation

EM95

Industry standard for more than two decades

With the 'Zellofant' blow-in machine, **X-Floc** broke new ground in insulation technology in 1995. Continuously refined, the **EM95** is now established as a standard for the professional processing of almost all insulation materials using all methods.

A pioneer in compact, modular design
The basic concept with the removable hopper and compact machine base forms the basis for the continued success of the **EM95**. It is as user-friendly as it is resilient, and its robust plug connections ensure safe operation on construction sites.

Proven in thousands of applications over 30 years
The **EM95 2x230V** is equipped with two light current connections, requires only two standard sockets and is therefore perfectly suited for renovating old buildings. The **EM95 400V** is designed for high performance and requires a three-phase connection. 400V sockets have long been commonplace on construction sites and are usually retrofitted in old buildings.

Highly portable
Thanks to its modular design and construction, the **EM95** can be transported during operation, in vehicles and on construction sites. With the help of the pneumatic transport trolley, which can be easily attached and removed by loosening the spring clip, the machine can be moved comfortably even on very uneven construction site ground.

Large insulation material volume
The hopper of the **EM95** can hold a large amount of insulation material, which can be transported and processed in a short time thanks to the multi-stage loosening mechanism and the large 6-chamber rotary airlock.

Precise control
Modern radial fans provide the impressive air performance of the **EM95**, which can be precisely controlled using the FFB2000-Pro radio remote control.

The top five advantages

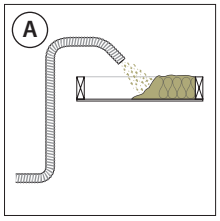
- A pioneer in compact, modular design
- Proven in thousands of applications over 30 years
- Highly portable
- Large insulation material volume
- Precise control

Technical data

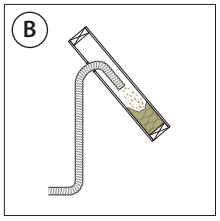
Measurements	EM95 2x230V	EM95 400V
Dimensions (LxWxH)	800x1425mm	800x1425mm
Unladen weight	170kg	185kg
Hopper	0,44m³	0,44m³
Filling height	1425mm	1425mm
Airlock outlet	ø NW75 (3")	ø NW75 (3")
Performance data		
Rated power	6,6kW	7,3kW
Air volume	450m³/h	450m³/h
Dynamic pressure	400mbar	420mbar
Material processing speed	980kg/h	1255kg/h
Conveying height	40m	40m
Hose length	120m	120m
Characteristics		
Material conditioning	multi-stage agitator	
Air generator	2x RV 1,8kW + 1x RV 1,45kW	3x RV 1,45kW
Power supply	2x230V/16A	400V/16A

Blow-in method

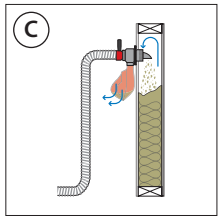
Open/attic blowing



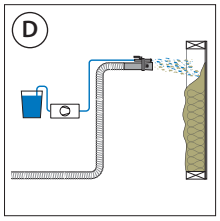
Dry injection



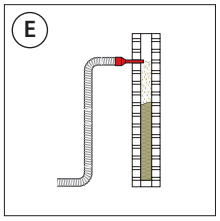
Ventilated dense blowing



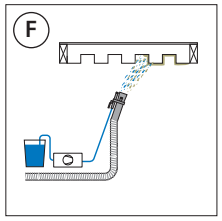
Damp spraying



Cavity wall insulation



Fire protection



Insulation blow-in machine	Item no.
EM95 2x230V	10919
EM95 400V	10581

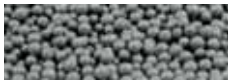
Insulation material

Suitable for all loose insulation materials, e.g. cellulose, glass wool and lightweight granulates

Cellulose

Wood fibre

Glass wool



EPS granulates

Wood shavings

Perlite

X-FLOC
Shaping the future of insulation

EM320|325|365

For versatile professional applications

The **EM3xx** series represents the best of both worlds in the **X-Floc** portfolio – exceptionally mobile, user-friendly and extremely powerful even under demanding conditions.

Mobile powerhouse in a compact design
With a delivery rate of up to 1400 kg/h, the **EM3xx** undoubtedly belongs in the segment of high-performance blow-in machines. At the same time, its comparatively small size means it fits in lifts, making it ideal for shaft filling.

Top performance under all conditions
All machines in the **EM3xx** series are equipped with high-performance radial compressors and can easily handle all injection methods, construction site conditions and materials. The **EM365** is even equipped with a turbine and optional integrated radial compressors, making it the ideal choice for users who focus on the compressed injection of heavy insulation materials.

Consistently good insulation quality
The **EM3xx** can process almost all insulation materials and any bulk material. Via an airlock feed gate (optionally electric) and speed control of the airlock rotor, they allow precise control of the feed rate for each material and always ensure high-quality insulation results.

First-class ergonomics and user-friendliness
With their removable lid (vertical filling option) and foldable sack support, the **EM3xx** series offers a high level of working comfort and easy access to all machine elements. In addition, thanks to their construction site-suitable tyres, they can be manoeuvred like a sack truck.

Less dust exposure on the construction site
The strip curtain and the option of active dust extraction ensure low-dust filling of the **EM3xx** insulation blow-in machines and guarantee a largely clean working environment.

The top five advantages

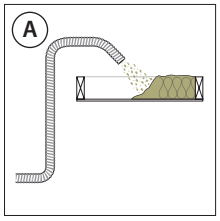
- Mobile powerhouse in a compact design
- Top performance under all conditions
- Consistently good insulation quality
- First-class ergonomics and user-friendliness
- Less dust exposure on the construction site

Technical data

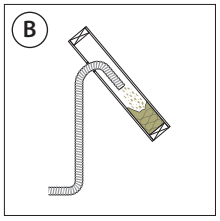
Measurements	EM320	EM325	EM365
Dimensions (LxWxH)	990x830x1740mm	990x830x1740mm	990x830x1740mm
Unladen weight	257kg	302kg	302kg
Hopper	0,315m³	0,315m³	0,315m³
Filling height	1250mm	1250mm	1250mm
Airlock outlet	ø NW75 (3")	ø NW75 (3")	ø NW75 (3")
Performance data			
Rated power	7,0kW	10,2kW	9,2kW
Air volume	470m³/h	600m³/h	450m³/h
Dynamic pressure	400mbar	400mbar	420mbar
Material processing speed	1050kg/h	1250kg/h	1400kg/h
Conveying height	50m	60m	70m
Hose length	150m	170m	180m
Characteristics			
Material conditioning	crusher shafts (3 rotating shafts)		
Air generator	2x RV 1,8kW + 1x RV 1,45kW	3x RV 1,8kW + 2x RV 1,45kW	Turbine 4,0kW + RV 1,8kW + RV 1,45kW
Power supply	2x230V/16A	3x230V/16A	400V/3x16A + 1x230V/16A

Blow-in method

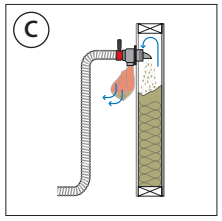
Open/attic blowing



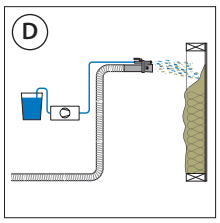
Dry injection



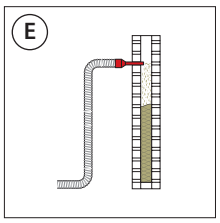
Ventilated dense blowing



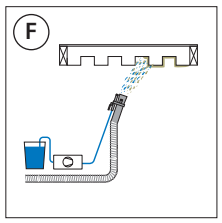
Damp spraying



Cavity wall insulation



Fire protection



Insulation blow-in machine	Item no.
EM320	5760
EM325	6971
EM365	6268

Insulation material

Suitable for all loose insulation materials, e.g. cellulose, glass wool, granulates and perlite


Cellulose


Wood fibre


Rock wool


EPS granulates


Wood shavings


Perlite

X-FLOC
Shaping the future of insulation

EM425|430|440|480

Insulation blow-in machines for maximum performance

Die **EM4xx** series are the flagship models among our insulation blow-in machines, developed for absolute top performance, control precision and efficiency in the processing of all insulation materials – from light glass wool to heavy materials such as wood fibre or straw.

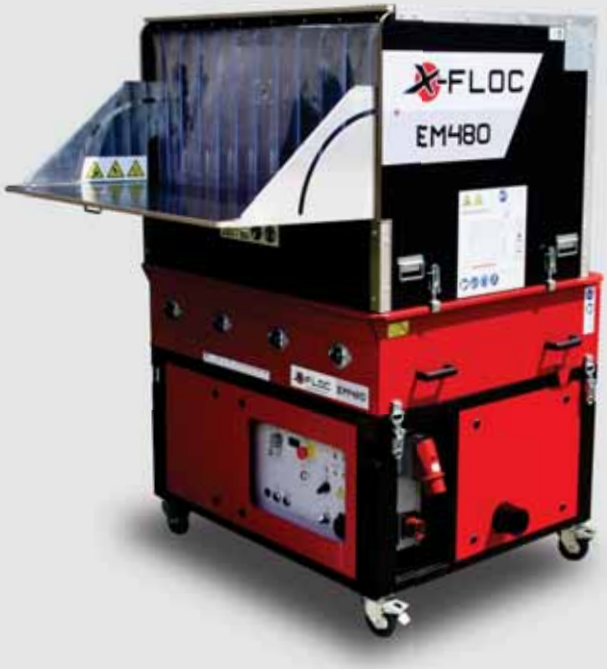
Unbeatable loosening performance
The powerful two-stage agitator of the **EM4xx** shreds even highly compressed as well as heavily matted insulation materials, thus guaranteeing homogeneous insulation.

Precise control of material feed
The **EM4xx** series is equipped with an electric airlock feed gate for adjusting the material feed rate. The adjustable speed of the airlock rotor (optional) ensures that the best possible insulation densities are achieved with efficient use of material..

Top performance for fast work
With up to 3000kg/h (cellulose) material feed rate, the most powerful machine in the **EM4xx** series delivers top performance. Independent blowing professionals can use it to bid on all tenders and even carry out large orders quickly and economically.

Mobile centrepiece of the Fibreblow® Essential Line
The modular factory filling systems consist of an injection panel as well as big bale conditioner and **EM4xx** insulation blow-in machine as the central element, which can also be disconnected from the system and taken to a construction site, if necessary. Thanks to its pole switch, the **EM480 16/32A** can even be operated with either a 16A or 32A power connection.

Space for more insulation material
The **EM4xx** machines are particularly suitable for mobile use on platforms or in trailers. Their compact design creates storage space for insulation material, for example. This means that construction sites can be completed in just one day, saving on mileage and costs.



The top five advantages

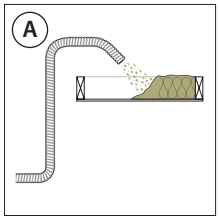
- Unbeatable loosening performance
- Precise control of material feed
- Top performance for fast work
- Mobile centrepiece of the Fibreblow® Essential Line
- Space for more insulation material

Technical data

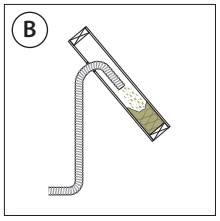
Measurements	EM425	EM430	EM440	EM480 16/32A
Dimensions (LxWxH)	1300x1020x1800mm	1300x1020x1800mm	1300x1020x1800mm	1300x1020x1800mm
Unladen weight	460kg	417kg	424kg	424kg
Hopper	1,0m³	1,0m³	1,0m³	1,0m³
Filling height	1250mm	1260mm	1260mm	1260mm
Airlock outlet	ø NW90 (3½")	ø NW90 (3½")	ø NW90 (3½")	ø NW90 (3½")
Performance data				
Rated power	10kW	10kW	11,1kW	14kW
Air volume	680m³/h	460m³/h	620m³/h	450m³/h
Dynamic pressure	380mbar	640mbar	480mbar	750mbar
Material processing speed	2250kg/h	2400kg/h	2300kg/h	3000kg/h
Conveying height	70m	70m	80m	80m
Hose length	180m	180m	200m	200m
Characteristics				
Material conditioning	4 crusher shafts and one shredder unit with 2 shafts			
Air generator	2x RV 1,8kW + 3x RV 1,45kW	Turbine 7,5kW	Turbine 5,5kW + RV 1,8kW + RV 1,45kW	Turbine 6,5kW (16A) +Turbine 7,8kW (32A)
Power supply	3x230V/16A	400V/16A	400V/16A + 230V/16A	400V/16A + 400V/32A

Blow-in method

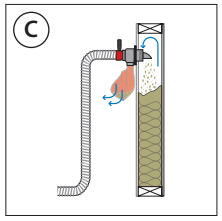
Open/attic blowing



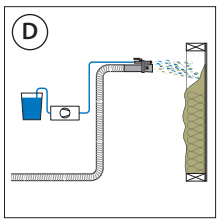
Dry injection



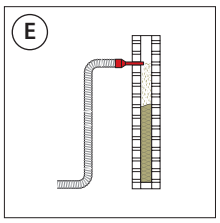
Ventilated dense blowing



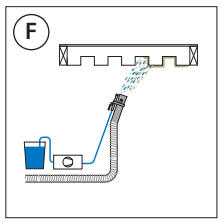
Damp spraying



Cavity wall insulation



Fire protection



Insulation blow-in machine	Item no.
EM425	6253
EM430	5820
EM440	4662
EM480 16/32A	12182

Insulation material

Suitable for all loose insulation materials, e.g. cellulose, glass wool, granulates and perlite

Cellulose

Wood fibre

Glass wool

Rock wool

Wood shavings

Straw

X-FLOC INSULATION BLOW-IN MACHINES AT A GLANCE

Series	**EM100**	**EM99**	**EM99**	**EM99**	**EM95**	**EM95**
Machine type	**EM100** (230V)	**EM99-DS** (230V)	**EM99-DS-Pro** (230V)	**EM99-DS-Pro 8K** (230V)	**EM95** (230V)	**EM95** (400V)
		 with FFB500	 with FFB2000-Pro	 8-chamber airlock	 light current	 three-phase current
Item no.	**3550**	**3837**	**5416**	**7392**	**10919**	**10581**
Measurements						
Dimensions	600x500x1300mm	640x1400mm	640x1400mm	640x1400mm	800x1425mm	800x1425mm
Unladen weight	117kg	111kg	111kg	111kg	170kg	185kg
Hopper	0,15m³	0,26m³	0,26m³	0,26m³	0,44m³	0,44m³
Filling height	1300mm	1325mm	1325mm	1325mm	1425mm	1425mm
Airlock outlet (ø)	NW63 (2½")	NW75 (3")	NW75 (3")	NW75 (3")	NW75 (3")	NW75 (3")
Performance data						
Rated power	**2,2kW**	**3,6kW**	**3,6kW**	**3,6kW**	**6,6kW**	**7,3kW**
Air volume	180m³/h	280m³/h	280m³/h	280m³/h	450m³/h	450m³/h
Dynamic pressure	270mbar	330mbar	330mbar	330mbar	400mbar	420mbar
Material throughput	**320kg/h**	**650kg/h**	**650kg/h**	**650kg/h**	**980kg/h**	**1255kg/h**
Conveying height	30m	30m	30m	30m	40m	40m
Hose length	40m	80m	80m	80m	120m	120m
Characteristics						
Material conditioning	2 horziontal crusher shafts	rotating loosening mechanism	rotating loosening mechanism	rotating loosening mechanism	2-stage loosening mechanism	2-stage loosening mechanism
Air generator	High-powered radial compressor 1x1,45kW	High-powered radial compressor 2x1,45kW	High-powered radial compressor 2x1,45kW	High-powered radial compressor 2x1,45kW	High-powered radial compressor 2x1,8kW + 1x1,45kW	High-powered radial compressor 3x1,8kW
Power supply	**230V (16A)**	**230V (16A)**	**230V (16A)**	**230V (16A)**	**2x230V (16A)**	**400V (16A)**

Compatibility table: insulation material (1-6) and blow-in method (A-F)

		A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
1	**Cellulose**	●	○	○	●	○	●	●	●	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●	○
2	**Wood fibre**	○	○	○	○	○	●	●	●	●	●	○	○	●	●	○	●	○	○	●	●	○	●	○	○	●	●	●	○	○	○	●	●	●	○	●	○
3	**Mineral fibre**	○	○	○	○	○	●	●	●	●	●	●	○	●	●	●	●	●	○	●	●	●	●	●	○	●	●	●	○	●	○
4	**Mineral granulates**	●	○	○	○	●	○	●	○	○	○	●	●	●	○	○	○	●	●	●	○	○	○	●	●	●	○	○	○	○	●
5	**EPS granulates**	○	○	○	○	●	●	○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	●	○
6	**Others**	●	○	○	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● suitable | ○ not suitable or recommended with restrictions

EM300	EM300	EM300	EM400	EM400	EM400	EM400
EM320 (230V)	**EM325** (230V)	**EM365** (400V)	**EM425** (230V)	**EM430** (400V)	**EM440** (400V)	**EM480** (400V)
						
amplifier integrated	amplifier integrated	amplifier integrated		amplifier integrated	with pole changer	
5760	**6971**	**6268**	**6253**	**5802**	**4662**	**12182**
990x830x1740mm	990x830x1740mm	990x830x1740mm	1300x1020x1800mm	1300x1020x1800mm	1300x1020x1800mm	1300x1020x1800mm
257kg	270kg	302kg	460kg	417kg	424kg	424kg
0,315m³	0,315m³	0,315m³	1,0m³	1,0m³	1,0m³	1,0m³
1250mm	1250mm	1250mm	1260mm	1260mm	1260mm	1260mm
NW75 (3“)	NW75 (3“)	NW75 (3“)	NW90 (3½“)	NW90 (3½“)	NW90 (3½“)	NW90 (3½")
7,0kW	**10,2kW**	**9,2kW**	**10kW**	**10kW**	**11,1kW**	**14kW**
470m³/h	600m³/h	450m³/h	680m³/h	460m³/h	620m³/h	450m³/h
400mbar	400mbar	420mbar	380mbar	640mbar	480mbar	750mbar
1050kg/h	**1250kg/h**	**1400kg/h**	**2250kg/h**	**2400kg/h**	**2300kg/h**	**3000kg/h**
50m	60m	70m	70m	70m	80m	80m
150m	170m	180m	180m	180m	200m	200m
3 rotating crusher shafts	3 rotating crusher shafts	3 rotating crusher shafts	4 crusher shafts + 1 shredder	4 crusher shafts + 1 shredder	4 crusher shafts + 1 shredder	4 crusher shafts + 1 shredder
High-powered radial compressor 2x1,8kW + 1x1,45kW	High-powered radial compressor 3x1,8kW + 2x1,45kW	Turbine 4kW + High-powered radial compressor 1,8kW + 1,45kW	High-powered radial compressor 2x1,8kW + 3x1,45kW	Turbine 7,5kW	Turbine 5,5kW + High-powered radial compressor 1x1,8kW + 1x1,45kW	Turbine 6,5kW (16A) Turbine 7,8kW (32A)
2x230V (16A)	**3x230V (16A)**	**400V + 230V (16A)**	**3x230V (16A)**	**400V (16A)**	**400V + 230V (16A)**	**400V (16A/32A)**

A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
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A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
●	○	○	○	○	○	●	●	●	○	○	○	●	●	●	○	●	○	●	●	●	○	○	○	●	●	●	○	●	○	●	●	●	○	●	○
A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
○	○	○	○	○	○	●	●	●	○	●	○	●	●	●	○	●	○	●	●	●	○	●	○	●	●	●	○	●	○	●	●	●	○	●	○
A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
●	○	○	○	○	●	●	○	○	○	○	●	●	○	○	○	○	●	●	○	○	○	○	●	●	○	○	○	○	●	●	○	○	○	○	●
A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	●	○
A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● suitable | ○ not suitable or recommended with restrictions

X-FLOC
Shaping the future of insulation

GENERATORS

For an independent power supply on construction sites

The mobile **XM power generators** are petrol-powered units specially designed to meet the requirements of blow-in specialist companies. Driven by low-maintenance, brushless motors with a constant speed of **3000rpm**, they ensure a stable power supply wherever they are used.

Constant voltage under all conditions
The self-regulating synchronous generators automatically and precisely adjust their output voltage even under changing loads (voltage stability ±1), for example by means of AVR (Automatic Voltage Regulator), thus ensuring reliable operation.

Short-circuit proof and suitable for unbalanced loads
The devices can withstand a short circuit in the connected circuit without damage, as the protective function prevents overheating and destruction by extremely high currents.
The three-phase generators can also compensate for unbalanced loads (uneven load on the phases) without being damaged or changing the voltage in an impermissible manner.

Oil Alert monitoring system
The petrol generators are all equipped with a sensor system that prevents serious engine damage. If the oil level is too low, it automatically switches off the generator (automatic engine stop) or prevents it from starting.

Protected sockets and controls
All sockets and controls are fitted with hinged covers and similar covers that protect against dust, splashing water and accidental damage.

Portable and easy to transport
Mounted on a tubular frame or hand trolley, these purist petrol generators impress with their maximum mobility and low space requirements – even in your vehicle.
For permanent construction sites with a base load (constant minimum power requirement) and where mobility is not a decisive criterion, **diesel generators** mit **1500rpm** are also suitable, as they are durable, economical in consumption and specially designed for continuous operation.

The top five advantages

- Constant voltage under all conditions
- Short-circuit proof and suitable for unbalanced loads
- Oil Alert monitoring system
- Protected sockets and controls
- Portable and easy to transport

Choosing the right power generator

The first crucial step in ensuring smooth workflows is determining your requirements. Calculate your minimum requirements by multiplying the total rated output (consumer load) by the operating factor 1.38. The following calculation examples serve as a rough guide. Please contact our team of experts for individual advice and decision-making support.

Consumer load			Operating factor	Generator
3,6 kW	+	2,8 kW	1,38	~10,4kW
 EM99		 VS28	(3,6 + 2,8) x 1,38= **8,83kW ≤ 10,4kW**	 XM13kVA
9,5 kW			1,38	~13,6kW
 EM430			9,5 x 1,38 = **13,11kW ≤ 13,6kW**	 XM17kVA

Power generators

Power failures on the construction site, inadequate power supply or lack of three-phase connections: be prepared and equip yourself with an **X-Floc power generator** for insulation blow-in machines.

Power generator	Item no.
XM6,7kVA/6kW petrol (IP23)	9584
XM13kVA/10,4kW petrol (IP54)	9585
XM17kVA/13,6kW petrol (IP54/IsoÜ)	9915
XM20kVA/16kW diesel (Silent/IP44)	10828

X-FLOC
Shaping the future of insulation

VS28|33|55M|75M|MAS

Amplifier and vacuum stations

An **amplifier and vacuum station** can be used to increase the performance of an insulation blowing machine, but it is just as effective for cleaning. The **MAS** is an industrial-scale vacuum cleaner, optimised for cleaning workshop floors or emptying incorrectly filled compartments.

Perfect for increasing machine performance
The air output of insulation blow-in machines can be significantly increased with external **amplifier and vacuum stations**. This is essential when insulation materials require particularly large amounts of air for professional installation.

Can be used on steep inclines
Amplifier and vacuum stations are also indispensable for increasing machine performance when using long delivery pipes and for overcoming large inclines.

For heavy or heavily agglomerated materials
The **amplifier and vacuum stations** are also used when correspondingly high pressure is required, such as for blow-in insulation with flakes of natural coniferous wood fibres or with solid particles mixed with binding agents, known as agglomerates.

Suitable for active dust extraction
The **amplifier and vacuum stations** in combination with the **EM3xx** and **EM4xx** series ensure low-dust filling and reduce environmental pollution from fine particles.

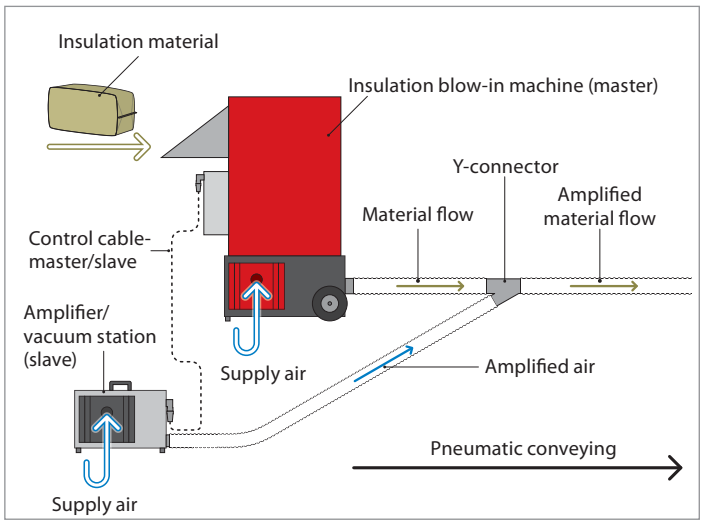
Ideal for use as an extraction station
The **amplifier and vacuum stations** are also suitable for removing old building materials and cleaning the surrounding area of material residues. The **MAS mobile extraction station** is equipped with a **VS28** as standard and has been developed primarily for demolition and disposal in factory filling and on construction sites. It can be used to extract all types of loose insulation materials and is ideal for cleaning the workplace.

Mobile extraction station MAS

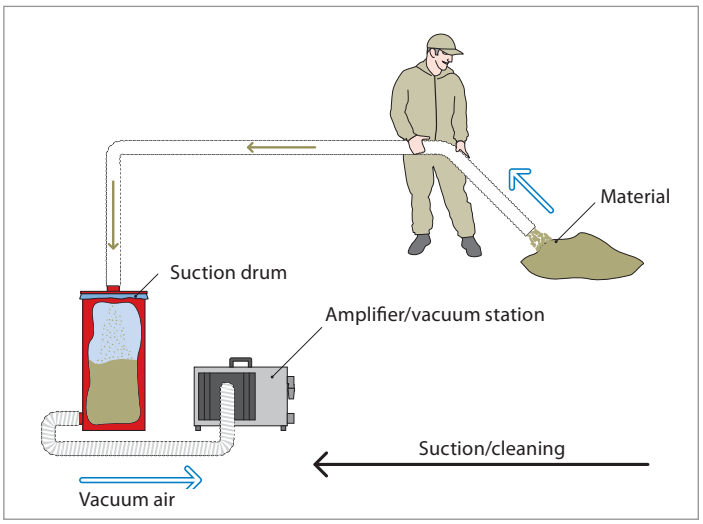
The top five advantages

- Perfect for increasing machine performance
- Can be used on steep inclines
- For heavy or heavily agglomerated materials
- Suitable for active dust extraction
- Ideal for use as an extraction station

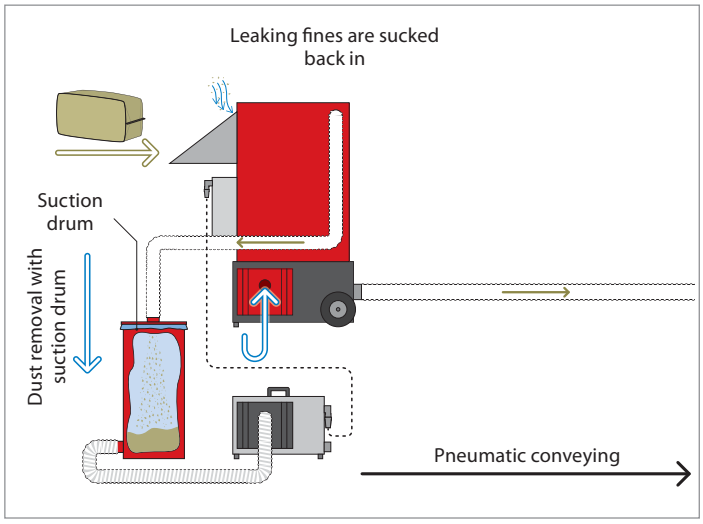
Amplified blowing injection



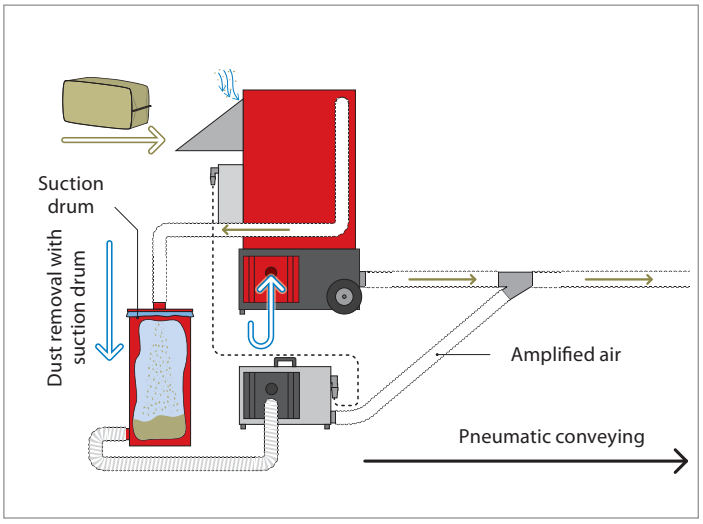
Suction with amplifier/vacuum station



Dust removal



Amplified blowing injection with dust removal

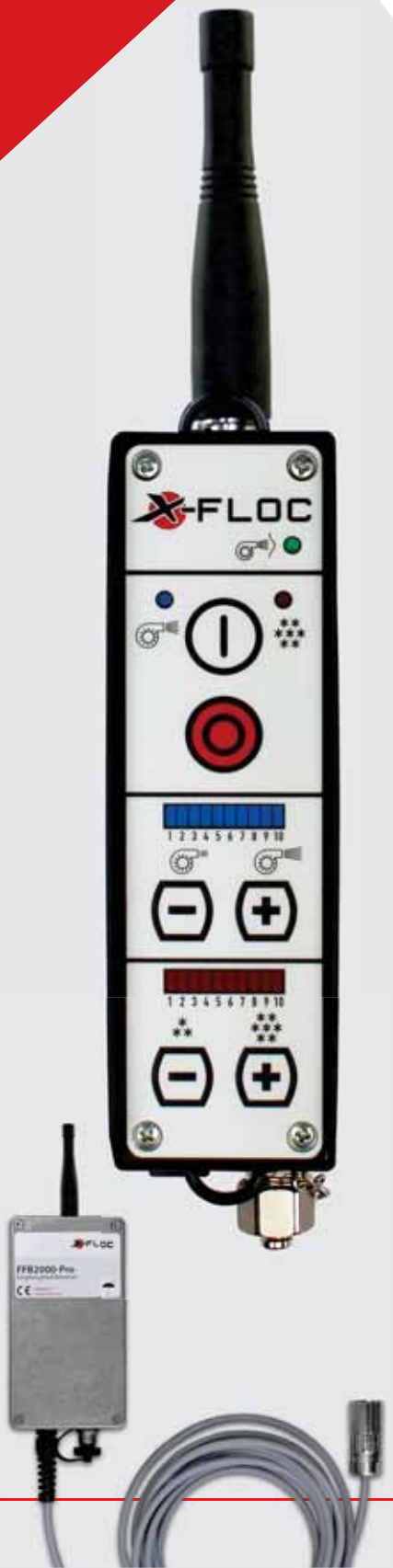


Amplifier/vacuum station	Item no.
VS28	2711
VS33	5855
VS55M	9455
VS75M	9793
Connection control cable via EM L=5m	1856
Connection control cable via EM L=25m	1192
Connection control cable via EM L=50m	1193
Suction drum 115l	1160
Suction drum 250l	3075

Mobile extraction station	Item no.
MAS VS28-115l	12297

FFB2000-Pro

Radio remote control for insulation blow-in machines



The **FFB2000-Pro** offers reliable remote machine control, allowing virtually all important parameters for the blow-in process to be set directly from the work site.

High transmission reliability
The **FFB2000-Pro** uses bidirectional FM technology and four radio channels to ensure reliable and interference-free communication between the remote control and the machine.

Customised and precise settings
The **FFB2000-Pro** allows individual settings such as air flow, material dosing, pressure adjustment to the respective application, automatic shutdown and direct control of the main functions of the blowing machine. Visual and acoustic signals are used to check the set parameters and, if necessary, as a warning.

Wired use as an alternative
For construction sites with sources of interference, the **FFB2000-Pro** is equipped with four radio channels. It can also be operated using a digital control cable, which guarantees maximum reliability even in environments with extreme radio interference.

Maximum compatibility
The **FFB2000-Pro** radio remote control is primarily designed for use with **X-Floc** insulation blow-in machines, but can also be adapted to machines from other manufacturers.

Solid construction and low weight
In addition to fast response, simple operation and excellent radio stability, the **FFB2000-Pro** is characterised by its product design, which was specially developed for use on construction sites. The robust hand-held control unit weighs only approx. 400g. Thanks to the carrying strap, the weight does not have to be held permanently, leaving both hands free for other activities.

The top five advantages

- High transmission reliability
- Customised and precise settings
- Wired use as an alternative
- Maximum compatibility
- Solid construction and low weight

Radio remote control	Item no.
FFB2000-Pro	5154
FFB500	6708
FFB2000-Pro: Rod antenna, short	11606
FFB2000-Pro: Connection cable 50m	5280

BASIC EQUIPMENT

THE 'MUST-HAVE' TO DO INSULATION PROPERLY

Fibre switches

Hose connectors

Hose clamps

Injection and conveyor hoses

Hose reels

Respiratory protection devices

Jens Kottenkamp
Team Inside Sales

The expert advises:

„The right machine equipment is a decisive factor for the success of a blow-in insulation project. Among the basic components of insulation blow-in machine accessories are **injection and conveyor hoses**. In lengths as well as in diameters tailored to requirements, these hoses guarantee the trouble-free transport of insulation material. **Hose clamps** are used for secure fastening. **Hose connectors** in various shapes and designs are used to create a durable connection between all kinds of material hoses. **Fibre switches** are used to distribute insulation material flows across several hoses without having to shut down the machine. **Hose reels** are also common additional equipment for insulation blow-in machines. With their help, set-up times can be massive reduced and a safe, orderly hose storage can be ensured.
My practical tip: Professional blowing work releases fine dust that can cause skin irritation and may enter the respiratory tract and eyes. For this reason, wearing personal protective equipment such as a **professional respiratory protection apparatus** and a **hooded overall** is strongly recommended."

Fibre switches

enable building components to be filled without interrupting the blowing process. With **revolver fibre switches**, the material flow is distributed across several hoses and switched between different blowing tools and blowing and suction modes.

Fibre switch	Item no.
Compact NW63>63	2809
Compact NW75>75	2794
Revolver 2>3 NW75	6058
Revolver 2>3 NW90	9414
Revolver 1>2 NW63	10046

Hose connectors

Hose connectors are generally used to extend hoses. Hose connectors with a rotating element, known as **rotary hose connectors** (SDV) prevent looping and twisting. **Reducer tube connectors** are recommended for hoses with different diameters. **Y-connectors** are used to distribute air and material flow, and **Y-joints** (so called „trouser pieces", typically for symmetrical branches) are used to connect hoses for machine combinations.

Hose connector	Item no.
NW50	235
NW63	236
NW75	033
NW90	1452
SDV NW50	6522
SDV NW63	6896
SDV NW75	4451
SDV NW90	9262

Reducer tube connector	Item no.
NW50>38	1263
NW63>38	1970
NW63>50	1264
NW75>50	1262
NW75>63	1261
NW90>75	1971

Y-connector	Item no.
NW50/50>50	12202
NW63/63>63	3955
NW75/63>75	2221
NW75/75>75	456
NW90/75>90	4523
NW90/90>90	7136

Y-joint	Item no.
NW50/50>50	3429
NW63/63>63	1132
NW90/90>90	1132

Hose clamps

are used to secure and reliably fasten all connections.
Secure connections can be established in just a few simple steps using **quick couplings**.

Hose clamp		Item no.
NW50 (2")	Blow-in and conveyor hose	175
NW50 (2")	Joint bolt clamp	6363
NW63 (2½")	Blow-in and conveyor hose	176
NW63 (2½")	Joint bolt clamp	2822
NW75 (3")	Blow-in and conveyor hose	177
NW75 (3")	Joint bolt clamp	3759
NW90 (3½")	Blow-in and conveyor hose	9908
NW90 (3½")	Joint bolt clamp	3811

Quick coupling	Item no.
NW50>Kn66	171
NW63>Kn89	170
NW75>Kn89	168

Injection hoses

are available in two stiffness classes: **Red (standard)** and **Blue (soft)**. Thanks to the ribbed inner wall of the hose, the insulation material is loosened during transport, increasing its yield.

Injection hose		Item no.
NW50 (2") red	L=15m	167
NW63 (2½") red	L=20m	5238
NW75 (3") red	L=20m	4777
NW90 (3½") red	L=20m	8293
NW63 (2½") blue	L=20m	5239
NW75 (3") blue	L=20m	5237

Conveyor hoses

are white and can be used to bridge the distance between insulation machine and hose, sometimes also in the compartment. They are suitable for abrasive insulation materials as an extra-strong version.

Conveyor hose		Item no.
NW50 (2")	L=20m	329
NW50 (2") extra-strong	L=20m	1061
NW63 (2½")	L=20m	573
NW63 (2½") extra-strong	L=20m	1001
NW75 (3")	L=20m	284
NW75 (3") extra-strong	L=20m	1722
NW90 (3½")	L=20m	422

Hose reels

for neat storage of injection and conveyor hoses can be mounted in mirror-inverted fashion and thus flexibly adapted to the respective blow-in situation.

Hose reel	Item no.
D1000 plus NW75	6464
D1000 plus NW90	11948

Fibreglass rods

are used to stiffen blow-in and conveyor hoses.

Fibreglass rod	Item no.
D=8mm, L=6m incl. connecting pieces M8	10148

Work suits

When filling the machine as well as during the blowing process, skin-irritating insulation particles settle under clothing. A hooded **work overall** that covers all openings offers protection.

Work suit	Item no.
Size M	3952
Size L	3741
Size XL	3673
Size XXL	3674

Respiratory protection

for pros is classified as personal protective equipment and is essential for working safely in environments contaminated with particles.

Respiratory protection	Item no.
EA1500 complete kit	11086
EA1800 complete kit	11162
EA5000 complete kit	10232

TIMBER FRAME CONSTRUCTION

EFFICIENT INSULATION FOR WALLS AND ROOFS

Injection needles

Vented rotary nozzles

Density testing set

Injection bezels

Sealing sponges

Test element

Hole saws & sealing parts

Telescopic injection lances

Michael Kaufmann
Application Technician

The expert advises:

„In timber frame construction, it is important to have the best possible combination of insulation material, blow-in machine and accessories. Our **insulating needles** and **vented rotary nozzle** form the core of our accessories – for very long elements, **telescopic lances** are indispensable for industrial-level filling. To ensure that the work remains clean and ergonomic, every set should include the appropriate **injection bezels** or **sealing sponges**. Sie verhindern den Materialrückstau und ermöglichen eine einhändige Bedienung . These prevent material backlog and enable one-handed operation. The range is rounded off by the corresponding **hole saws** and **sealing parts** to close the component properly again after the work is done.
My practical tip for quality assurance:
Always use the **test element** and our **density testing set** to ensure that the compaction exactly meets the manufacturer's specifications and to avoid subsequent settling."

Vented rotary nozzles

are suitable for **shaft filling**, preventive **fire protection** and for introducing insulation material into large, high cavities. The rotatable nozzle outlet ensures joint-friendly working and targeted steering of the material flow.

Rotary nozzle	Insulation	Item no.
X-Jet 63	40-300mm	1708
X-Jet 63 with clamping ring	40-300mm	3843
X-Jet 75	120-400mm	1789
X-Jet 75 with clamping ring	105-400mm	2929
J-Jet 75>60	145-500mm	3795
J-Jet 75>75	145-800mm	8477
S-Jet 63*	from 160 mm	4910

* Combination: Rotary nozzle with conveyor hose NW63

Injection lances

and **straight injection needles** are used to fill horizontal or slightly inclined elements. The rigid version of the vented injection lance is used for element lengths up to 5.5m. For elements up to approx. 11m length, the use of a **telescopic injection lance** is recommended.

Injection lance	Effective length	Item no.
NW75/50 telescopic	2000 -11300 mm	4626
NW90/63 telescopic	2000 -11300mm	10254
NW75/50	2500-5550mm	2675
NW90/63	1500-3200mm	3740

Injection needles

with piercing aids are used to fill hard-planked compartments and to blow through vapour barriers and other films. Remote corners can be easily reached with the help of the bend.

Injection needle	Length	Item no.
NW50-100	1000mm	6180
NW50-140	1400mm	5303
NW50-180	1400mm	5153
NW50 straight	up to 6000mm	5730
NW63-140	1400mm	5836
NW63-180	1800mm	6390
NW63 straight	up to 6000mm	5839
NW75-140	1400mm	6710
NW75-180	1800mm	6711
NW75 straight	up to 6000mm	5840

Injection bezels

for sealing blow-in openings

Injection bezel	Item no.
NW50/NW75	2911
foldable, for panelling D=10...35mm	9179
universal, for panelling D=12...25mm	9209
universal, for panelling D=30...80mm	9657

Sealing sponges

for sealing during insulation blow-in with hoses only

Sealing sponge	Dimensions	Item no.
NW38/NW50	250x250x40mm	7101
NW38/NW50	400x300x40mm	6336
NW50/NW63	250x250x40mm	7100
NW50/NW63	400x300x40mm	3947
NW63/NW75	250x250x40mm	7099
NW63/NW75	400x300x40mm	0292

Hole saws and sealing parts

for the drilling and sealing of drill holes

Hole saw	Item no.
with ejection system, complete, D=52mm	8836
with ejection system, complete, D=65mm	5038
with ejection system, complete, D=85,5mm	4977
with ejection system, complete, D=102mm	7537
with ejection system, complete, D=105mm	10025
with ejection system, complete, D=106,5mm	4966
with ejection system, complete, D=120mm	5282
HF with ejection system, D=85mm	9335
HF with ejection system, D=106,5mm	9145
HF with ejection system, D=120mm	9334

Sealing part	Item no.
Sealing cork VK52	8837
Sealing cork VK65	2018
Sealing cork VK85	2208
Sealing cork VK106	1948
Sealing cork VK120	4671
Sealing plug VS106 (wood fibre)	8950
Sealing plug VS120 (wood fibre)	8951

Density testing set NW100

is available as a kit for quality control and reliable verification of the installation density of loose insulation materials. A piercing tube with ISO scale foil is included in the basic equipment; it is also available with imperial measurements on request.

Density testing set	Item no.
NW100 (Standard: piercing tube and scale)	3770
NW100 with case, hole saw and power supply	4349
NW100 with case and hole saw D=106,5mm	8383

Test elements

Test elements are equipped with removable front panels and are used for tests to check installation density. The **0.1m³ test element** with plexiglass front is suitable for demonstrating blow-in processes. The cover can be removed for easy emptying.

Test element	Item no.
V=0,1m³ with removable lid	3946

CAVITY WALL INSULATON

THE SMART SOLUTION FOR RETROFITTING INSULATION

Borescope camera

Test element

Injection nozzles

Spray head Inline/adhesive NW50

Dominik Roller
Application Technician

The expert advises:

„A **borescope camera** is essential for preliminary inspection of the cavity for obstacles in the cavity wall insulation, as is the **test element** for checking material density and settling behaviour. Furthermore, the choice of the right **injection nozzle** is crucial for this insulation method: a straight pipe outlet ensures fan-shaped distribution of the insulation material, while wear-resistant nozzles with a 45° pipe outlet are used when processing abrasive material. Special **Inline/adhesive spray heads** are used for blowing in and bonding EPS granulate. **Injection nozzles with swivel bearings** allow the material flow to be directed precisely and mortar noses, for example, to be avoided. When inserting insulation material into double-shell masonry, the joint pattern determines the pipe diameter.
My practical tip: To achieve maximum efficiency, the diameter should always be as large as possible and, in the case of plastered masonry, pre-drilling should be carried out if possible. This increases the injection speed and minimises the risk of blockages."

Rotary nozzles

are **injection nozzles** with with swivel bearings for precisely directing the material flow and achieving homogeneous compression.

Rotary nozzle	Outlet	Item no.
NW50>24mm	straight	852
NW50>24mm	45°	6291
NW50>29mm	cranked	544
NW50>29mm	45°	8081
NW50>35mm	straight	3569
NW50>35mm	45°	6297
NW63>35mm	spoon shape	8503
NW63>35mm	45°	7146
NW75>50mm	90° sawn off	2997
NW75>50mm	45°	8128

Injection nozzles

are particularly suitable for blowing into double-shell masonry and for insulating small cavities.

Injection nozzle	Outlet	Item no.
NW50>14 AV-WE	straight	11460
NW50>16 AV-WE	straight	11840
NW50>18 AV-WE	45°	11804
NW50>18 AV-WE	straight	11109
NW50>20	straight	2688
NW50>21 AV-WE	45°	6201
NW50>21 AV-WE	straight	5998
NW50>24 AV-WE	45°	6415
NW50>24 AV-WE	straight	11435
NW50>29 AV-WE	45°	11806
NW50>29 AV-WE	straight	11456

Borescopes

with one front camera and two side cameras are suitable for screening insulation and inspecting the interior of cavities.

Borescope camera	No. of lenses	Item no.
for cavity layer inspection	3 lenses	11136

Test elements

are equipped with removable front panels and are used for tests to check installation density. The **0.015m³ test element** is used in mineral fibre core insulation. It can be emptied quickly with the help of practical box closures.

Test element	Item no.
V=0,015m³ according to EN 14064	5697

DAMP SPRAYING

INSULATION WITH STRONG ADHESION AND FIRE PROTECTION

Wall scrubber

Spray pipe

Piston pump

Spray head

Diaphragm pump

Michael Kaufmann
Application Technician

The expert advises:

„When wet spraying, it is important to find the ideal mix of material dosage and moistening – especially when working overhead, such as in fire protection. A **piston pump** can be connected directly to the tap to supply pure water. The use of a **diaphragm pump** requires a water-adhesive mixture. If the master-slave principle is used for the safe operation of the blowing machine and pump, the water supply stops as soon as the machine pauses.
The insulation material is moistened after it exits the hose. **Spray heads** or **pipes** with one or more nozzles are used for this purpose. **Inline spray heads** moisten the material in the nozzle, whereas **spray pipes** only moisten it when it exits. This drastically reduces dust formation during open blowing. The **wall scrubber** ensures a smooth surface by removing excess material.
My practical tip: For wet spraying, I prefer the **EM99 insulation blow-in machine** in the **8-chamber** version, as it works with little air and allows for extremely fine dosing."

High-pressure hoses

for connecting the spray heads to a high-pressure pump system

High-pressure hose	Item no.
L=15m	715
L=30m	5054
L=50m	5055

Pumps

To deliver pure water, the **piston pump** is connected directly to the tap via a hose.
A **diaphragm pump** can be used to draw thin water-adhesive mixtures as well as pure water from a container.

Pump	Flow rate	Item no.
Diaphragm 0,75kW / 20bar	max. 20l/min	206
Diaphragm 1,90kW / 25bar	max. 34,7l/min	14438
Piston 1,8kW / 85bar	max. 10,6l/min	11073

Wall scrubbers

for removing insulation material and smoothing the surface

Wall scrubber	Item no.
M05 B=690mm	2364
Extension set, each side 150mm	2438

Spray heads and pipes

Spray heads are usually used for wall and ceiling coating, while **spray pipes** (terminators) are more commonly used for the open application of insulation material and fire protection plaster.

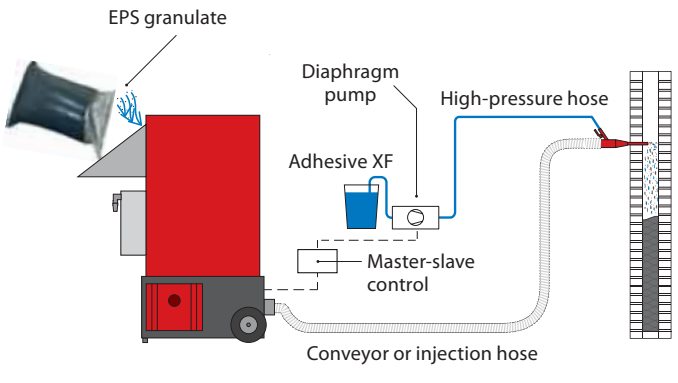
Spray head/pipe	Item no.
NW50 with 2 spray nozzles	1983
NW63 with 3 spray nozzles	3169
NW63 with 4-8 spray nozzles	5824
NW50 Inline (stainless steel)	3535
NW63 terminator	1494
NW75 terminator	1720

Spray head Inline/adhesive NW50

is used with **cavity wall insulation** for blowing in and bonding of EPS granulate. Complete wetting ensures that the hollow layer solidifies permanently after the adhesive has set.

Spray head	Item no.
Inline/adhesive NW50>21	8120
Inline/adhesive NW50>21	7881

Cavity wall insulation with Inline/adhesive NW50 spray head



BLOW-IN MOBILES & PLATFORMS

READY FOR USE ANYWHERE AND ANYTIME

Jens Kottenkamp
Team Inside Sales

The expert advises:

„Time is money, especially on construction sites. With our **insulation blow-in vehicles**, set-up times can be reduced to a minimum. The fully equipped trailers with tarpaulin or box bodies are equally suitable for long and short distances. A permanently mounted machine and all accessories are ready for immediate use at the work site. The same applies to our **insulation blow-in platform**. Basically, the platforms are 'trailers without wheels'. Everything needed for blowing is mounted on a robust substructure in a weight-optimised manner. Forklift pockets ensure easy lifting and moving, and when not in use, the platform can even be stored in high racks on three pallet spaces.
My practical tip if you want the full mobility of a vehicle: Our platform is specially designed to be securely and stably fixed on any standard trailer – the ideal solution for getting started quickly and finishing early at both the factory or on the construction site. And for those who want to expand their own vehicles, we also offer the appropriate accessories individually."

Insulation blow-in vehicles

Ready for action wherever you need your equipment.

Blow-in mobile trailer	Item no.
Tandem high-load box body L=3,06m	12511
Tandem high-load box body L=3,66m	12512
Tandem high-load box body L=4,26m	12513
Tandem high loader tarpaulin L=4,26m	14153
Blow-in mobile extension kit	12515

Insulation blow-in platforms

Everything at your fingertips. Anytime. Anywhere.

Blow-in platform	Item no.
without superstructure	13737
with 'soft cover' tarpaulin	13742
with 'hard cover' box body	13744
Platform extension kit	13746

Complete sets for insulation blow-in

We can supply you with complete hose and connection sets that are compatible with your blow-in machine and tailored to your project, choice of insulation materials and blow-in method, e.g.

Accessory set	Item no.
NW75/63/50/38 (non-abrasive)	11976

consisting of:	No.	Item no.
Injection nozzle NW50>18 AV-WE	1	11109
Injection nozzle NW38>18 AV	1	5710
Conveyor hose NW75 smooth L=2m	1	284
Injection hose NW75 L=20m	1	4777
Injection hose NW63 L=20m	1	5238
Injection hose NW50 L=15m	1	167
Conveyor hose NW38 snooth L=20m	1	414
Hose connector NW75	1	033
Reducing connector NW75>63	1	1261
Reducing connector NW63>50	1	1264
Reducing connector NW50>38	1	1263
Hose clamp NW75	4	177
Hose clamp NW63	4	176
Hose clamp NW50	4	175
Hose clamp NW38 (conveyor hose)	4	512
optional:		
Hose reel NW75 - D1000 plus	1	5710
Hose reel: Accessory kit NW75	1	5845

INDUSTRIAL FILLING TECHNOLOGY

ON-DEMAND AUTOMATION FROM A SINGLE SOURCE

Alexander Jaenke
Head of Research & Development

The expert advises:

„**X-Floc** factory filling systems enable manufacturer of prefabricated houses and carpentry companies to insulate frame elements at high speed and in top quality right in the production hall, while adapting the automated processes to their requirements. The **Fibreblow**® system solutions are based on decades of experience by experts in blow-in insulation. This enables **X-Floc** to offer companies the opportunity to start small and gradually expand automation – up to the parallel use of several insulation systems. The name **Fibreblow**® Premium Line says it all: the system's core component is a specially developed injection panel with a patented nozzle design that ensures optimum corner filling and even, settlement-proof insulation distribution in all types of cavities with virtually no mound formation. My practical tip: Both Premium Feeder Lift and Drop are equipped with an integrated insulation blow-in module and operate according to the first-in, first-out principle. This ensures extremely fast compartment filling with optimally prepared fibres. With the Feeder Drop may also be planned on a large scale because the storage volume can be customized to company specifications."

Fibreblow® Essential Line

Proven plant technology for factory filling

Modern prefabricated houses are characterised by their good ecological balance and pleasant living environment. Industrial blow-in insulation enhances both aspects, especially when natural insulation materials such as cellulose and wood fibre are used. The automated and extremely fast filling of building elements also offers economic advantages.

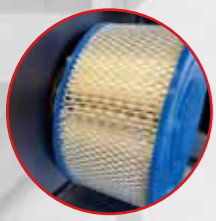
Optimised for the prefabrication of small series
The Fibreblow® Essential factory filling system has a modular design and is optimised for the prefabrication of small series. The basic version consists of a big bale conditioner, an insulation blow-in machine and an injection panel, which can be equipped with an amplifier if required.

Fibreblow® Essential Feeder Lift
The big bale conditioner is perfectly suited for processing large delivery bundles of cellulose, wood fibre, glass wool and rock wool. It ensures virtually uninterrupted material conveyance and offers considerable rationalisation potential for the insulation of prefabricated elements. It can be loaded with bales using a pallet truck, forklift or conveyor belt and can be combined with many blowing machines.

Insulation blow-in machine EM430-WB
Its consistently high performance of more than one and a half tonnes of material throughput per hour makes the EM430-WB the first choice in any filling system. It can run 24/7 and is still extremely durable. For the interlinked operation of a factory filling system, it is connected to the injection panel and its control system, but can always be decoupled if necessary and used, for example, as a stand-alone machine on construction site.

Fibreblow® Essential Plate
The standard version of the injection panel is available in lengths of 3m to 4m and is equipped with 5 to 7 nozzles. The plate controls all components of the factory filling system, as well as the automated blowing process, which can be started immediately after it has been placed on the compartment. Tailored to the insulation material, it ensures even distribution of density regardless of the compartment's dimensions and shape of the component. It can be easily connected to a crane or multifunctional bridge.

Bridge connection



Dust-free filling

Remote access

„Röckli“ nozzle

Fibreblow® Premium Line

Optimised for highly automated series production

The Fibreblow® Premium System is a first-class system for uniform and reliable blowing results in roof, wall and ceiling elements. The patented technology enables seamless scaling of fully automated processes, integration into existing production lines and connection to software-controlled bridge or robot systems.

Fibreblow® Premium Plate
The insulation panel is the heart of the Fibreblow® Premium System. Equipped with positioning lasers for precise placement, an encapsulated plate, filter system and Varia nozzles, it ensures optimal and virtually dust-free filling of cavities of any shape. By the patented ‘Röckli’ injection nozzles, a minimal mound formation (±10 mm) is guaranteed. With the help of remote maintenance software, the system can also be monitored and controlled 24/7 from a distance.

Fibreblow® Premium Feeder Drop
Developed on the basis of proven and robust agricultural machinery technology, the first-class material dissolver guarantees optimum insulation material pre-treatment, from bale breaking to fibre separation. The large bunker (standard filling volume: 6m^3) allows the storage quantity to be variably adjusted to the respective requirements – by means of an optional metal frame attachment or by installation in individual material feed solutions. Thanks to the integrated blow-in module, load cells and matching measuring electronics, uninterrupted material feed and precise process control can be ensured in continuous operation.

Fibreblow® Premium Feeder Lift
Also designed for high usability and continuous operation, the Premium Feeder Lift is the perfect solution for feeding small and large insulation bales stacked on a pallet. Up to 2.5 m^3 of material on a pallet can be easily loaded into the machine with a forklift truck and transported upwards fully automatically via a lifting table. Both Premium Feeders feature an integrated blow-in module and weighing system for continuous quality control and quick adjustment of machine settings.

X-FLOC
Shaping the future of insulation

X-Floc worldwide

www.x-floc.com

Additional information

The items mentioned here and many more – especially for specific applications – can also be found in our online shop:

All prices quoted are **net prices**. They **apply exclusively to deliveries within the EU (ex works Germany)**. Prices for regions outside the European Union are calculated separately based on regional cost structures and will be provided upon request.

Your X-Floc representative

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Prices on request . Published 02/2026 . Subject to changes and errors.