

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

EM400 series BLOW-IN MACHINES

FOR BOTH MOBILE AND STATIONARY USE

Operating principle

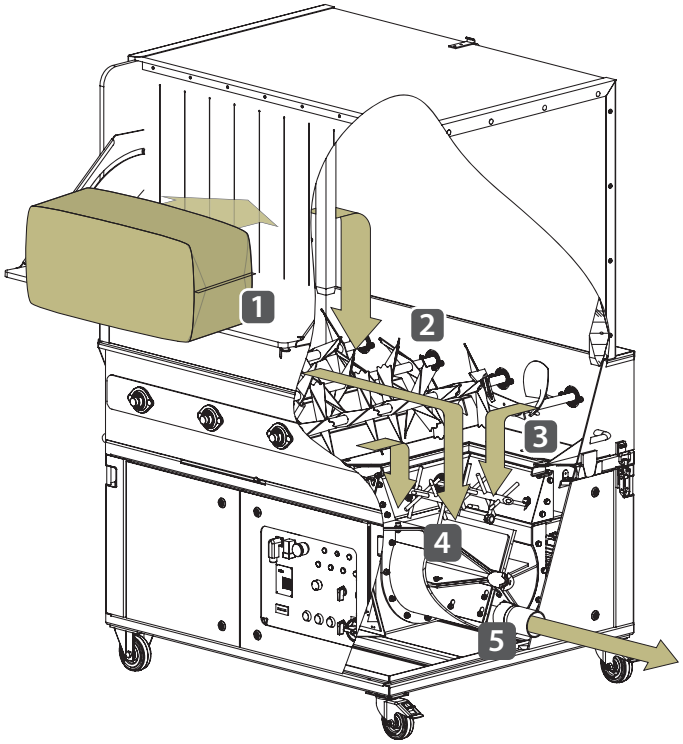
1 Hopper
The insulation bale is placed on the opened bag support, opened and pushed through the strip curtain into the hopper.

2 Agitator and feeding shafts
Four rotating shafts break up the material into small pieces and transport them to the airlock inlet. The shredding shafts ensure optimum preparation of a wide variety of blown-in insulation materials.

3 Electrical airlock feed gate
As standard, the material feed rate into the shredder is metered by setting (via remote control) the airlock feed gate position.

4 Shredder
Fast rotating shredding shafts loosen the material completely and actively convey it into the chambers of the rotary airlock. Fibre insulation materials thus achieve their optimum yield.

5 Rotary airlock
The moving rotor picks up the insulating material and transports it in portions downwards to the outlet nozzle. From there, the material is accelerated by the air flow of the turbines or radial compressors and blown through the conveyor hose to the installation site. The airlock venting ensures a significantly increased efficiency and avoids dust turbulence in the hopper.



Material quantities and processing

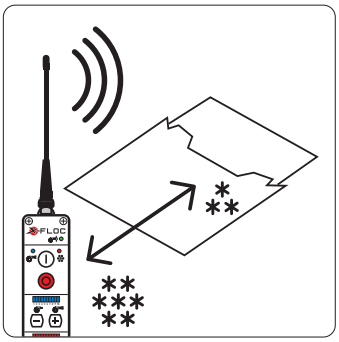
All X-Floc insulation blow-in machines are equipped with high-quality and very airtight airlocks. The EM400 series uses a particularly robust and thick-walled steel airlock, which is also optimally suited for processing large quantities of abrasive insulation materials such as glass and rock wool. The material feed rate is adjusted using the cable control supplied or an optional radio remote control.

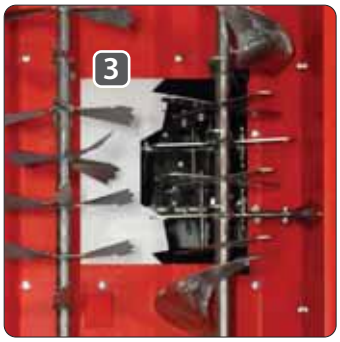
High-volume hopper
With a capacity of 1000 litres, the hopper of the EM400 series has a very large storage volume, sufficient for approx. 5-6 bags of commercially available insulation material. A hinged bag support facilitates the depositing, opening and feeding of sacks. The transparent strip curtain prevents dust from escaping. The suction nozzle on the side of the hopper also makes active dust extraction possible. In addition, the lid of the hopper can be removed and the insulation material can be filled from above.

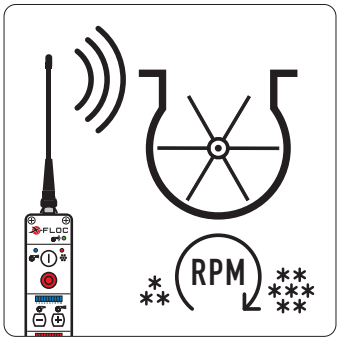
DS option: Adjustable speed of the airlock rotor
The rotary airlock can be optionally equipped with a speed control, which is also adjusted by means of cable or radio remote control. In the EM400 series, the material feed rate can be controlled via the electric airlock feed gate fitted as standard. Extended by the DS option, the machines of the EM400 series offer various additional adjustment opportunities. These include, for example:

- Refined material quantity control with small throughput quantities, e. g. for injection with a small nozzle diameter
- Precise flow rate control when injecting bulk materials
- Increasing the speed when greater demands are made on the uniformity of the material flow, e.g. with damp spraying
- Reduce the speed when processing highly abrasive insulating materials (e.g. foam glass) to protect the insulating material and airlock components.









EM425 | EM430 | EM440 | EM480

The high-performance insulation blow-in machines of the EM400 series are optimally suited for the professional processing of loose insulation materials approved by the building authorities, such as cellulose, wood fibre, rock wool and many more.

A two-stage agitator optimally breaks up highly compressed or heavily matted insulation materials. The blow-in machines of the EM400 series have a very large material hopper (1000l) and, with the NW90 (3½“) outlet nozzle, a particularly high throughput of up to 3.000kg/h based on cellulose.

All important settings for the blowing process can be adjusted via cable or radio remote control (optional) directly at the work site. The conveying air is also adjusted via remote control. A five-stage turbine and/or several high-performance radial compressors generate the required air output. The EM425 is equipped with 3x230V power supply.

The complete EM400 series is designed for both stationary and mobile use. The machines can be used for open/attic blowing, dry injection (with ventilation) and damp spraying. All machines are characterised by user-friendly operation and offer a range of technical features that help you achieve the best work results every day.





Maintenance and all kind of service can be carried out in a very time-saving manner on the EM400 series machines. They are easy to open up and offer both simple and quick access to all assemblies. For transport in low vehicles, the hopper can be completely removed.

Upscale standards

Outlet nozzle
The machines of EM400 series are equipped with a NW90 (3½“) outlet nozzle (standard). A direct reduction to NW75 (3“) outlet is optionally available. The EM440 variants have an additional NW63 (2½“) outlet nozzle for the integrated amplifier unit.

Electrical connection
The EM480-400V/14kW is designed with two connections and can be operated with either a 16A or 32A power supply.

Air filter
The suction hood with snap-in hook fastener can be quickly removed so that the air filter insert can be easily cleaned.

Attachment points
Four attachment points (lashing eyes) integrated in the frame enable simple and safe fastening and load suspension.







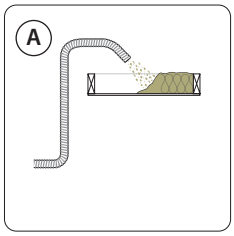


Blowing methods and insulation material

The different building styles as well as types of construction require different working methods. In addition, the amount of air and pressure required for optimal processing is also depending on the insulation material, for example.

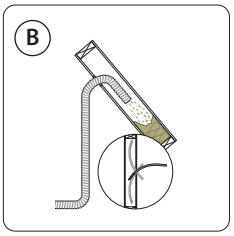
The X-Floc blow-in machines of the EM400 series are virtually an all-round solution in terms of both the blowing method and the insulation material. There are almost no limits to the processing of loose insulation materials.

Open/attic blowing



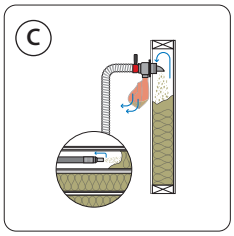


Dry injection



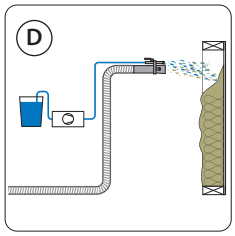


Dry injection with ventilation



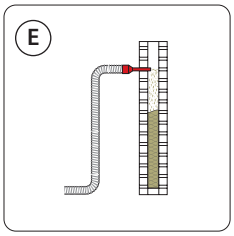


Damp spraying/CSO



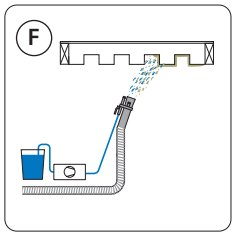


Cavity wall insulation





Fire protection





Blow-in insulation materials product groups

Cellulose

AISLANAT, Arbocel Climasafe, Cellisol 300, Cellisol 500, Warmcel, Warmcel 500, Zellofix, Ouatex, Eurocellulose, cellulose V1, Vosges Cellulose, Eurocellulose SB, cellulose V3 SB, Vosges Cellulose S B, FranceFloc B, Ecofloc B, Cell Ia vie B, Néocell B, Optimum MP, Climacell S, Climacell pure, Climacell akust, Climacell inside, Climacell sonic, cellfloc, climacell Loft, climacell InduTec, climacell HSX, climacell FSX, climacell Green Nature, Unifloc, Witherm, DÄMMSTATTs CI 040, KLIMA-TEC-FLOCK, biocell, DÄMMSTATTs CI Dämmschüttung, DÄMMSTATTs CI 040 bf, KLIMA-TEC-FLOCK bf, biocell bf, DÄMMSTATTs CI Dämmschüttung bf, DAEMMSTATT D, Isocell D, Trendisol D, Dobry-Ekovilla D, DAEMMSTATT D bf, Isocell D bf, Trendisol D bf, Dobry-Ekovilla D bf, Isocell P, Isocell for you, FLOCO'MOBIL Dämmflocke, Floci-Cell, naturheld Holzfaser Einblasdämmung, WoodyCell+, WoodyCell Plus, WOODYCELL, isofloc, isofloc L, isofloc L+, isofloc LW, isofloc LM, swissfloc, isofloc eco, isofloc neo, easyfiber, CelluBOR SW, OUATECO PREMIUM, JUST BE GREEN, ISOL+, OUATECO, OUATECO NATURE, STEICOfloc, STEICOfloc NB, THERMOFLOC F, THERMOFLOC B, GREENFLOC, Clima-super, Isocell, trendisol, Isodek, Dobry-Ekovilla, Fibra-Natur, Domexcell, Pavafloc, Renocell, Isolare, Poesis, isECO, ISOCELL F, greenwool, clima-super Evolution, Isocell Evolution, greenwool Evolution, isECO green, clima-super lambda+, clima-super max, Isocell lambda+, greenwool lambda+, isECO lambda+, isECO max, trendisol lambda+, Wolfinger Zellulosedämmung, STT Floc, Ekovilla, Ekovilla Puru, Ekovilla IA, Isonem, Isolet, UpCell, GreenCell, Climatizer plus,Thermocel, La cellulosa, Easycell, Celisol, Isofloc EU 01, WarmFiber, WarmFiber Plus, Termex, Termex Green, Ekocell, Ekocell Green, Kätevä, Kätevä Green, iQ3 CELLULOSE, CELLIPURE, ISOLANT ECOLOGIQUE SEMI, DOMOSANIX, CELLECO etc.

Wood fibre and mineral fibre

GUTEX Thermofibre, GUTEX Thermofibre FQ, WOODYCELL SW, AIRFLEX, best wood FIBRE, Hoiz, Jasmin, STEICO zell, Thermocell in-situ formed loose fill insulation, Termoträ Original, Termoträ Fire Protect, Climawood, InsulSafe, Supafil Cavity Wall, Supafil Loft Plus, Supafil Timber Frame, Supafil Max Frame, Teko-Flock, Indi-Flock, Trendi-Flock, swissporROC, COOMBLISSIMO, FLOCOLENE, TECHWOOL, Fillrock KD Plus, Fillrock KD, Fillrock RG Plus, Fillrock RG, Conlit Firesafe, PAROC BLT 5, DOSSOLAN THERMIQUE, Climastone, Climaglass etc.

Mineral granules / EPS granules

BIT Perlit Bachl, HY Perlit Bachl, Neopor, Hyperdämm, Hyperlite KD, Thermoperl, 2K Perlit Flachdachdämmung, Extraperl S4, Thermo-Fill, Thermo-Floor, Thermo-Plan, Thermo-Roof, ISOPLUS100 BEPS-WD, SLS 20F, SLS20 Plus, Perli-Fill, Poraver Blähglas-Granulat, Bauhaus DSX100, Geocell Blähglas, JASS Wärmedämmschüttung, Liaver, NEVOLIT, Climastyren, ThermoWhite WD 100 R, ISO Plus BINDER WD 100R, ThermoWhite WD 70 R (RN), ThermoWhite WD 130 R, HIRSCH PoroBead 033, H2 Wall, Granublow 033, HIRSCH Poro-Bead Plus, H2 Wall Plus, Granublow Plus, Isofloc Pearl, RigiBead Premium 033, RigiBead 035, SwissporEPS Perlen, SwissporEPS Styromull, airpor level 3.0, airpor level 3.0 A, airpor rapid, airpor light, BACHL niveauTHERM 160 Premium, BACHL niveauTHERM 160 Premium-PLUS, BACHL niveauTHERM 400 Premium, BACHL niveauTHERM 400 Premium-PLUS, HK33, TF Pearls, GRANU-PUR, Neopixels Premium HR Insulation, thermotec BEPS-WD 130R, thermotec BEPS-WD 70N, Ecofibre EPS 033 Kerndämmung etc.

Fire protection plaster and other insulation material

IISOVER FireProtect 150, ISOVER FireProtect 150F, DOSSOLAN THERMIQUE, DOSSOLAN 3000, DOSSOLAN-HOECO F II/1, Cafco-BLAZSHIEKD DC/F, Cafco-300, FIBREXPAN, Hanf-Dämmwolle HDW, AgriCell BW, Einblasstroh, Bio-Einblasstroh, Thermostroh, Thermostraw, Blown straw insulation, Plantacell, Stroheinblasdämmung, Sonnen-Stroh, SunStraw, Blowstraw, Blow-in straw, Loose fill straw insulation, SonnenKlee-Einblasstroh, GREENFLOC, Thermofloc-Dämmpellets, G-tec gebundener Dämmkork, Iso-Stroh, Flachsfloc, Lopas-Strohhäckseldämmung, CEMWOOD CW 1000 / CW 2000, ISOLENA-BLOCK, ISOLENA-OPTIMAL, ISOLENA-PREMIUM, ISOLENA-KLEMMFILZ, ISOLENA-OPTIMAL PLUS, MEHABIT, MEHAPORT, MEHASPORT, NeptuTherm, Calor, THERMO JUTE DUO, THERMO JUTE 100, THERMO JUTE 100 PLUS, Métisse Flocon, FonaTerm - granular, REINFLOCK, Conluto, JOMAperl etc.

Table does not claim to be complete. X-Floc will check other products upon request.













Which blowing machine for your application?

In principle, you can process almost all available blow-in insulation materials with every machine in the EM 400 series. However, you can choose from the various insulation blow-in machine types to find the one that best suits your needs. Contact us for detailed and further information - we will be happy to advise you!

Series	EM400	EM400	EM400	EM400
Machine type	EM425-3x230V/10kW	EM440-400V+230V/11,1kW	EM430-400V/11kW	EM480-400V/14kW 16A/32A
				
Article number	**6253**	**4662**	**5802**	**12182**
Power/Material processing speed	2250kg/h	2300kg/h	2400kg/h	3000kg/h
Hopper	1,0m³	1,0m³	1,0m³	1,0m³
Airlock outlet ø	NW90 (3½“) optional direct reducing to NW75 (3“)			
Dimensions (LxWxH)	1300x1020x1800mm	1300x1020x1800mm	1300x1020x1800mm	1300x1020x1800mm
Unladen weight	460kg	424kg	417kg	420kg
Filling height	1260mm	1260mm	1260mm	1260mm
Airlock ventilation	●	●	●	●
Dust removal/Support for bags	passive (strip curtain) / active (dust extraction)			
Machine control	cable remote control KFB2000 (standard) or radio remote control FFB2000/FFB2000-Pro			
Material conditioning	4 crusher shafts and 1 shredder unit with 2 shafts			
Shredder	●	●	●	●
Airlock feed gate adjustable	10 levels (KFB2000/FFB2000) / 19 levels (FFB2000-Pro) / continuously variable manually			
Airlock rotational speed adjustable	10 levels cable remote control KFB2000 / 19 levels radio remote control FFB2000-Pro			
Automatic blowing	●	●	●	●
Pressure relief valve	optional	optional	optional	optional
Air generator	5 high-performance radial compressor 2x1,8kW + 3x1,45kW	turbine 5,5kW tnd high-performance radial compressor 1x1,8kW + 1x1,45kW	turbine 7,5kW	turbine 6,5kW (16A) turbine 7,8kW (32A)
Max. dynamic pressure (adjustable)	420mbar	580mbar	420 mbar	580mbar
Air feed amplification	external amplification optional e. g. X-Floc Amplifier/Vacuum station VS28/VS33, VS55M/VS75M			
Air volume (nominal/measured)	975/850m³/h	800/650m³/h	975/850m³/h	800/650m³/h
Aspiration with suction hood	●	●	●	●
Conveying height (w,w/o amplifier)	>70m	>70m	>70m	>70m
Hose length L=max.	180m	180m	180m	180m
Motor	1x3-phase, 1,4 kW a. 1x3-phase, 0,75kW	1x3-phase, 1,4 kW a. 1x3-phase, 0,75kW	1x3-phase, 1,4 kW a. 1x3-phase, 0,75kW	1x3-phase, 1,4 kW a. 1x3-phase, 0,75kW
Power rating	10kW	11,1kW	11kW	14kW
Power supply	3x230V/50Hz/16A	400V/50Hz/3x16A und 1x230V~/16A	400V/50Hz/16A	400V/50Hz/3x16A und 1x230V~/16A
Max. material packing density	200kg/m³	200kg/m³	200kg/m³	200kg/m³

Compatibility table																									
Cellulose	Application	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
	Suitablitity	●	●	●	●	●	-	●	●	●	●	●	-	●	●	●	●	●	-	●	●	●	●	●	-
Wood fibre	Application	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
	Suitablitity	●	●	●	-	○	-	●	●	●	-	○	-	●	●	●	-	●	-	●	●	●	-	●	-
Mineral fibre	Application	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
	Suitablitity	●	●	●	○	●	-	●	●	●	○	●	-	●	●	●	○	●	-	●	●	●	○	●	-
Mineral	Application	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
granules	Suitablitity	●	-	-	-	○	●	●	-	-	-	○	●	●	-	-	-	○	●	●	-	-	-	○	●
EPS granules	Application	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
	Suitablitity	-	-	-	-	●	-	-	-	-	-	●	-	-	-	-	-	●	-	-	-	-	-	●	-
Fire protection	Application	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
plasters/other	Suitablitity	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

A = Open/attic blowing | **B** = Dry injection | **C** = Dry injection with ventilation | **D** = Damp spraying/CSO | **E** = Cavity wall insulation | **F** = Fire protection
● suitable/yes | ○ recommended with limitations | - not recommended/no/not specified (all values approximate)

Equipment options

1 **Radio remote control FFB2000-Pro**
Bidirectional radio technology with four radio channels and high transmission security. If required, the radio remote control can also be used wired. **Art. no. 5243**

2 **Additional function AE – blow-off unit**
In order to maintain specified installation densities and protect components, various weight discs can be used to set the pressure at which the unit blows off air. **Art. no. 4038**

3 **Additional function DS – speed control airlock rotor**
Remote controlled adjustment (combined with sluice gate position) of the optimum material feed rate. **Art. no. 5060**

4 **Additional option box wall attachment**
The filling attachment serves to increase the supply volume from approx. 0,72m³ (standard) to approx. 0,914m³. **Art. no. 8522**

5 **Attachment foot**
Machine foot for fastening to the vehicle floor (e.g. in an X-Floc blow-in mobile) or in solid ground. **Art. no. 5301**

6 **Intake connection NW90 / 90°**
For the right-angled connection of a NW90 hose to the air filter bonnet spigot for fresh air supply. **Art. no. 5613**

7 **Direct reducer NW90 > NW75**
Reducer for direct insertion into the outlet connection NW90(3½") > outlet diameter NW75(3"). **Art. no. 8936**

8 **Accessory set NW75/63 for loose insulation materials**
(non-abrasive) with recommended accessories for processing cellulose, wood fibre, glass wool etc. **Art. no. 5246**

9 **Mains adapter Phase and neutral conductor monitoring device 400V with interruption protection**
For checking 3-phase power supplies 400V/50Hz with neutral conductor. **Art. no. 4553**

10 **Additional package for integration of the machine into WBS**
Required higher-level control and safety equipment for integration of the machine into a factory filling system according to the Machinery Directive 2006/42/EG. **Art. no. 8615**

11 **Mains voltage indicator**
For detecting weak and/or fluctuating power supplies.
Art. no. 4604

12 **Mains adapter distributor 400V-CEE>3x230V Schuko**
With splash-proof housing made of highly break-resistant special plastic, suitable for the construction site. **Art. no. 9481**

13 **Intake connection NW75 / 90°**
For the right-angled connection of a NW75 hose to the spigot of the air filter bonnet for fresh air supply. **Art. no. 5614**

14 **Mains adapter 400V**, 25m ring
CEE plug/CEE coupling, 5-pole, 16A. **Art. no. 2492**

15 **Mains adapter socket strip 400V/32A > 2x400V/16A**
CEE-plug/32A > output 2x CEE-sockets/16A, with hinged cover, 2x circuit breaker, cable approx. 2m. **Art. no. 7273**

16 **Mains adapter 400V/32A**, 10m ring
CEE plug/CEE coupling, 5-pole, 32A. **Art. no. 6588**

17 Recommended accessories: **Power distributor 400V/16A PRCD-S**
Type B, all-current sensitive. **Art. no. 9271**

18 **Reducer PE 90>76 with O-ring** for insertion into a suction bonnet with ø 90mm (connection suction barrel). **Art. no. 5145**



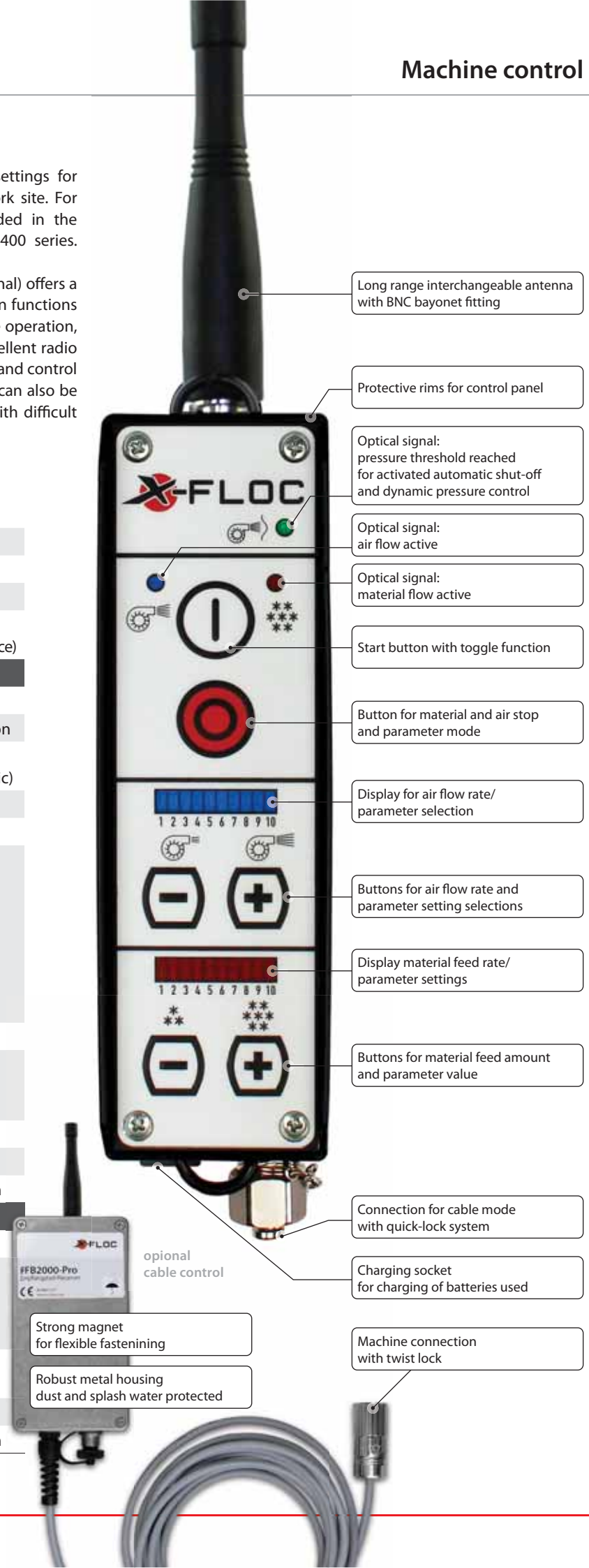
Radio remote control FFB2000-Pro

With the aid of the remote control, many important settings for the injection process can be made directly from the work site. For this purpose, the KFB2000 cable control unit is included in the standard scope of delivery for all machines in the EM400 series.

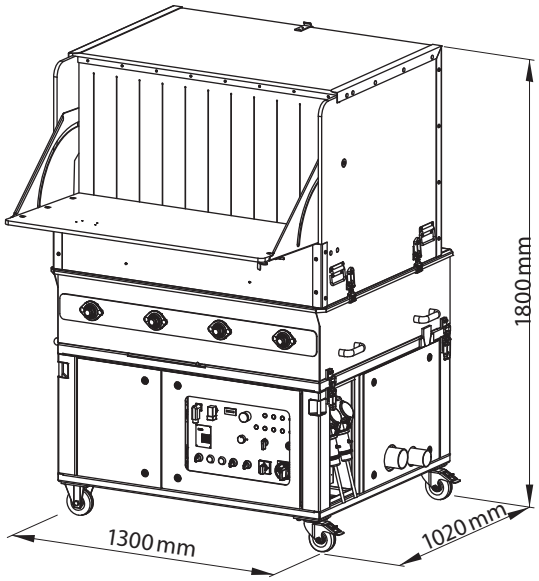
The bidirectional radio remote control FFB2000-Pro (optional) offers a number of additional functions over and above the proven functions of the KFB2000. In addition to its compact size and simple operation, this control is characterised by very fast response and excellent radio stability. With an optional connecting cable between the hand control unit and the receiver, the FFB 2000-Pro radio control unit can also be used as a cable control unit (e.g. on construction sites with difficult radio connections).

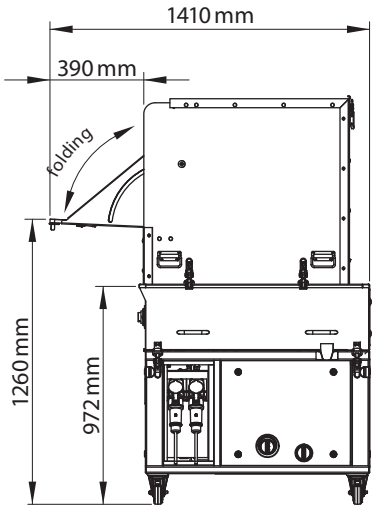
Technical data

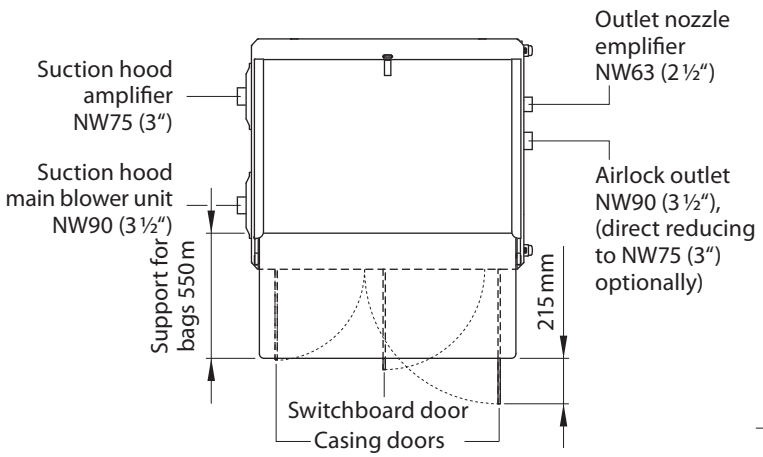
Transmission frequency	434MHz
Operating temperature range	-20°C to +40°C
Voltage supply	24V DC
Radio channels	4 (for construction sides with source of interference)
Hand control unit	
Duration of use	up to 30h
Range	>100m w/o interruption
Overpressure signal	LED (optical) warning tone (accoustic)
Function buttons	6 (foil keypad)
Parameter levels	10
Parameters adjustable: Radio channels Switch-on delay material Switch-on delay air Delay time: Automatic switch-off Response time: Dynamic pressure control	 1-4 0, 1, 2, ...9s 0, 1, 2, ...9s 0, 1, 2, ...9s 50, 100, ...500ms
Protection class	IP40
Connections	cable control charging socket antenna
Power supply	3x AAA NiMH 800mAh
Weight	approx. 400g
Dimensions	approx. 47x154x47mm
Receiver	
Protection class	IP40
Connections	control line to the machine cable control antenna
Power supply	24V DC (from blow-in machine)
Weight	approx. 765g
Dimensions	approx. 83x151x50mm

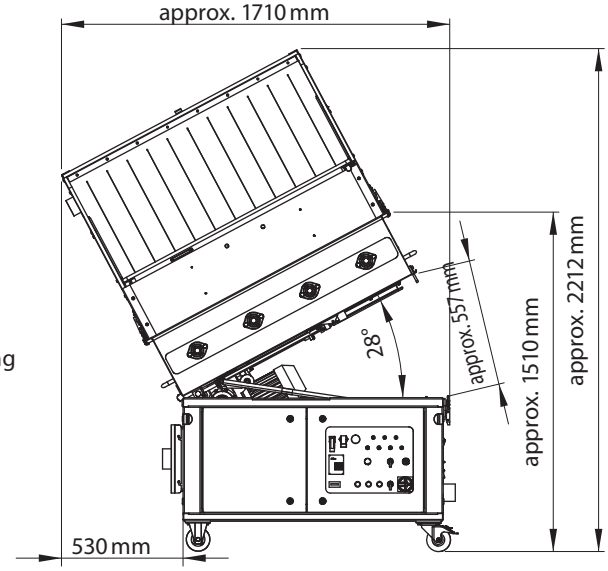


Dimensions









Dust extraction, cleaning and mobility

The dust produced when loosening the insulation material is retained by the encapsulated storage container. In addition, the suction nozzle on the filling attachment makes active dust extraction via the intake air possible. This requires an EM440 blow-in machine with integrated amplifier (alternatively an external amplifier/extraction station) and a suction drum. Using a suction barrel as a collection container also makes it possible to clean the construction site after the blow-in work has been completed. For this purpose, the injection hose is connected to the suction barrel, which in turn is connected to the suction bonnet. In combination with a flake diverter, the prerequisites for a quick changeover between suction and blowing are also created. And if necessary, the machines of the EM400 series are also mobile. Thanks to the heavy-duty wheels with low rolling resistance, the injection the blowing machine is easy to move.







Reinforcement as desired

The model type EM440 is equipped with an internal amplifier/booster. This allows the throughput potential to be fully utilised even with large field sizes and air-intensive insulating materials. By means of external introduction of the amplified air after the airlock, the highest throughput rates are achieved. The two booster fans can be switched on as required - either at full load or speed-controlled via the remote control.

Some insulation materials require a particularly high air volume for professional installation. Occasionally, certain installation situations also require the overcoming of large rise heights or the use of long conveyor lines. In the meantime, loose insulation materials also have to be removed from time to time.

With the X-Floc amplifier/vacuum stations, you can supplement your blow-in machine or use it in conjunction with a suction drum for active dust extraction or cleaning. The amplifier stations are equipped with equally lightweight, powerful radial fans or turbines. They are available as standard in the compact portable version (VS28/VS33) or mobile version with hand truck function (VS55M/VS75M).

Main application areas of the X-Floc VS series::

- Reinforced blowing (with dust extraction)
- For large inclines, heavy insulation material
- As extraction station (cleaning or deconstruction old building materials)





Amplifier/Vacuum stations



VS28



VS33



VS55M



VS 75M

Amplifier/Vacuum station					
Type	VS28	VS33	VS55M	VS75M	Special versions on request
Article number	2711	5855	9455	9793	
Amplification/cleaning	●/●	●/●	●/●	●/●	
Active dust removal	●	●	●	●	
Stepless performance regulation	●	●	●	●	
Synchronisation with machine	●	●	●	●	
Remote control	●	●	●	●	
Power	2,8 kW	3,3 kW	5,5 kW	7,5 kW	
Max. overpressure	320 mbar	350 mbar	500 mbar	600 mbar	
Max. negative pressure	280 mbar	320 mbar	450 mbar	550 mbar	
Max. air volume (nominal/measured)	440 / 360 m^3/h	420 / 400 m^3/h	470 m^3/h*	390 m^3/h*	
Air feed unit	high-powered radial compressor	high-powered radial compressor	5-stage turbine	5-stage turbine	
Outlet nozzle/intake socket	NW63 (2½") / NW75 (3")	NW63 (2½") / NW75 (3")	NW63 (2½") / NW90 (3½")	NW63 (2½") / NW90 (3½")	
Dimensions (L×W×H)	482×358×418 mm	482×358×418 mm	605×560×750 mm	605×560×750 mm	
Weight	approx.19,5 kg	approx. 19,8kg	approx. 65kg	approx. 88kg	
Operating hours counter	○	●	-	-	
Mains voltage display	○	○	-	-	

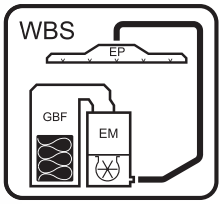
* free-blowing ● suitable/yes | ○ recommended with limitation | - not recommended/no/not specified (all values approximate)

Factory filling

In industrial filling technology, the machines of the EM400 series show their full performance capability in combination with the Fibreblow® Essential Feeder Lift. The delivery containers are placed on the pallet in the feeder and the insulation material is automatically conveyed into the supply container of the blow-in machine as required. No additional manpower is required to continuously load the machine with bagged material. To fill the machine with bagged material (other insulation material or reserve material in bags), the longitudinal filling flap on the machine attachment can be opened if necessary.

Factory filling machines are of modular design. The blowing machine is the central element. It can already be used for manual filling processes, e.g. with blowing lances, hoses or nozzles. Extended by a big bale cutter, the system allows the use of big bales and with the blow-in plate the factory filling procedure is automated.

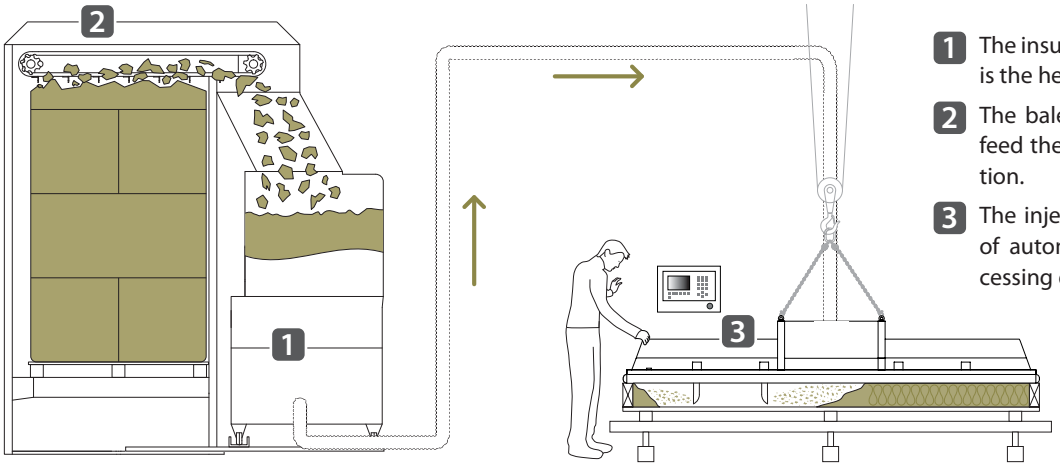








Modular system design



1. The insulation blow-in machine (e.g.EM430) is the heart of the factory filling system.
2. The bale conditioning machine is used to feed the machine almost without interruption.
3. The injection panel ensures a high degree of automation and consistently high processing quality.

The factory filling systems are designed so that different insulation materials (see: Blow-in insulation material product groups) can be used. Typical product classes such as wood fibre, cellulose, glass wool and rock wool have already been extensively tested.



Insulation blowing mobiles

Ready for action wherever you need your equipment.

- **Reduce set-up times – finish early:**
  Everything needed to start blowing right away mounted in a compact mobile trailer for blow-in professionals
- **Suitable for both long and short distance travel:**
  Drive to your construction site at speeds of up to 100km/h
- **Sophisticated concept, including everything you need:**
  - Insulation blow-in machine (EM3xx or EM4xx)
  - Complete electrical installation with illumination
  - Hose reel for efficient storage and suction drum for cleaning
  - Storage system with drawers, accessories, etc.
- **Highly customizable:**
  - Trailers with tarpaulin or box body
  - Available with your logo and advertising
  - Various trailer lengths to increase the loading space, e.g. for insulation material



Tarpaulin trailer

Tarpaulin trailers offer plenty of space for ergonomic workplace layout, a wide range of configuration options and, thanks to different trailer lengths, additional storage space for insulation material. They can cover long distances at speeds of up to 100 km/h and, due to their low weight, are also suitable for small towing vehicles.

Box trailer

Box trailers with rear doors or tail lifts are also well suited for small towing vehicles, approved for speeds of up to 100 km/h and suitable for both short and long distances. The trailers also offer increased theft protection and large exterior surfaces for customised wrapping with your advertising.







Insulation blowing plattform

Similar to the insulation blowing mobile, all the equipment is mounted on a sturdy **1350x2800x1890mm** platform. Forklift shoes and the weight-optimised arrangement of the equipment ensure easy lifting and moving. The platform is available in three versions: as shown on the left (can be retrofitted with a tarpaulin cover) or as a soft cover (tarpaulin) and hard cover (container) variant.

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