X-FLOC

EM400/440 INSULATION BLOWING MACHINE

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Only the best will do...

☑ Standard ✚ Option

We are Europe's largest manufacturer of blow-in machines and accessories for the processing of many different insulation and fibre materials independently of the respective manufacturer.

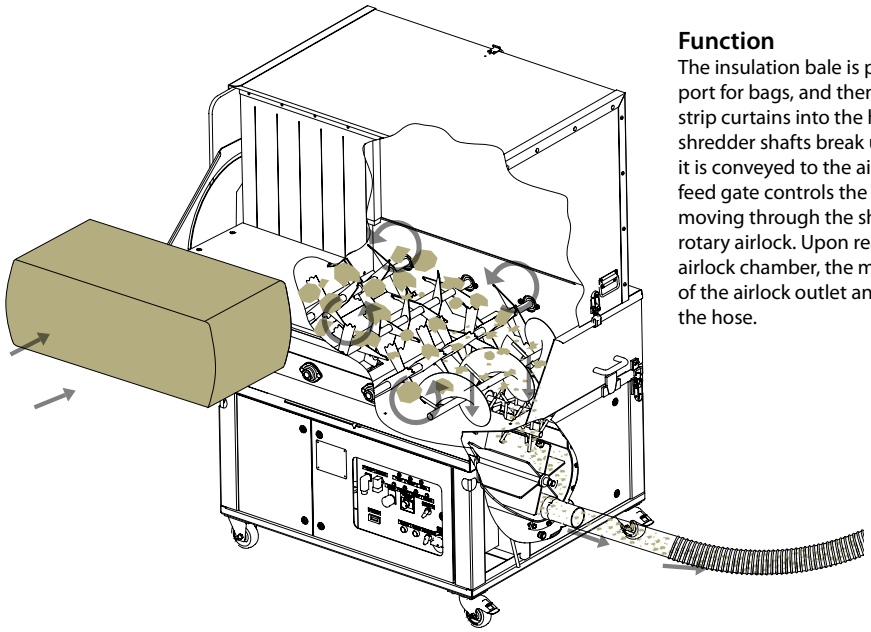
X-Floc designs and builds state-of-the-art insulation technology machines and blowing accessories which meet the high standards of professional users.

X-Floc presents the EM400/440, a high-performance blowing machine, available in two versions:
7.5 kW (EM400) and 10.5 kW (EM440).

As well as open blowing, dry injection and damp spray, the machine is also suitable for many other applications and materials. Whether employed for mobile use on construction sites or stationary use in production plants, the EM400/440 never fails to perform with its diverse and efficient usage options.

This machine is characterised not only by its user-friendly operation, but also by a number of technical features which allow for the best working results to be achieved every day.

Advantages at a glance: Highest air and material volume outputs | Compatibile with many products
Two-stage material conditioning with shredder | Low-dust filling | Suction possible | Suitable for bale conditioning systems | State-of-the-art control options (cable or radio) | Robust and low-maintenance construction



Function

The insulation bale is placed on to the support for bags, and then pushed through the strip curtains into the hopper. Four rotating shredder shafts break up the material before it is conveyed to the airlock inlet. The airlock feed gate controls the amount of material moving through the shredder and into the rotary airlock. Upon reaching the bottom airlock chamber, the material is blown out of the airlock outlet and then accelerated in the hose.

Filling with insulation sacks (mobile use)

Filling with bale conditioning system (stationary use)

☑ Machine hopper

With a volume of approx. 1.000 L, the hopper offers a large volume sufficient for the processing of approx. 5 to 6 bags of standard insulation material. The hinged hopper door serves as a practical loading surface to facilitate the opening and depositing of insulation material sacks into the machine. The transparent strip curtains minimise dust emissions. Combined with active dust removal, i.e. using the vacuum station and suction drum, even better dust protection can be obtained. The resulting underpressure makes it possible to extract all developing dust from the machine.

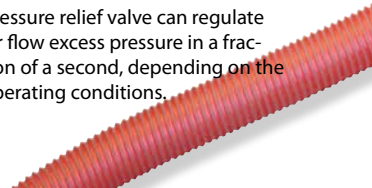
✚ Machine attachment for bale conditioning systems

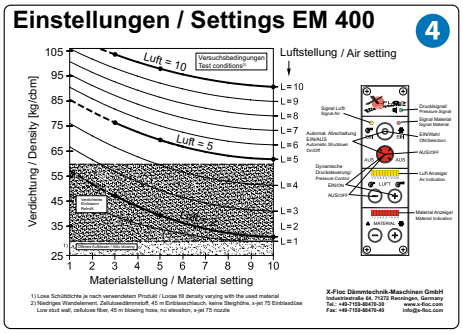
☑ EM440 Internal amplifier

For improved performance with fibre materials that require a stronger air output, the machine can be equipped with an internal amplifier. This way, the air generator can supply up to 60 % more air.

✚ Pressure relief valve

Excessive injection pressure can damage building elements and exceed safe insulation densities. The pressure relief valve can regulate air flow excess pressure in a fraction of a second, depending on the operating conditions.





Settings chart
The material and air settings required for each application can be read quickly from the easy to use settings chart.

Machine control
The remote control, with its logically aligned operating elements, enables adjustment of all the machine parameters direct from the injection point. The control unit features a robust metal casing which has proved itself in rough every-day construction-site use. The LED displays indicate the current machine state at any particular time. If required, pressure control programmes can be activated.

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Dust extraction
A dust extraction system can be fitted using the suction connection point for further dust reduction.

The air required for suction can be generated by an internal or external amplifier/extraction station with a suction drum (see reverse)

Wireless remote control
Wireless control increases freedom of movement and reduces machine set-up times. If required, the wireless remote control can also be used with a cable.

FM-Technology
Bidirectional radio technology

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Airlock outlet
The injection or conveyor hose can be connected directly to the machine. Alternatively, they can be connected with a quick coupling using the thread available.

Easy access
The machine can be opened and supported with the gas props, enabling quick and easy access to all components. This saves valuable time when carrying out service and maintenance work.

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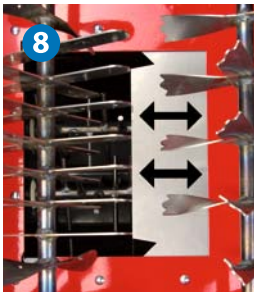
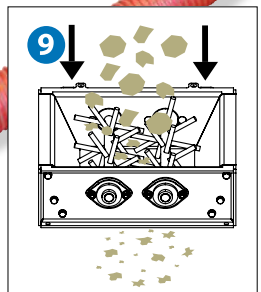
Electronic control unit
The control unit contains high-quality and state-of-the-art standard components from reputable manufacturers. The operating and signalling elements are clearly laid out in an operator-friendly way.

Airlock feed gate
The material flow volume can be controlled by adjusting the position of the airlock feed gate with a cable or radio remote control. Alternatively, the desired position can also be set manually using the crank handle.





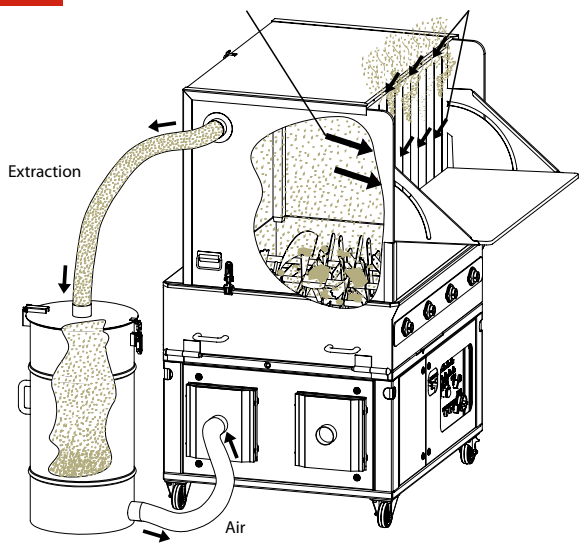
Shredder
Several quickly rotating shredding shafts fully condition the material. With this mechanism, the material is optimally conditioned.

Agitator
Compacted fibre material is broken up into increasingly small pieces by specially shaped shredder shafts and transported to the airlock feed gate.

Intelligent solutions for the insulation industry.

Dust extraction

Dust extraction with external amplifier/vacuum station and suction drum (EM400)



Amplification

Amplification with external amplifier/ vacuum station (EM400)

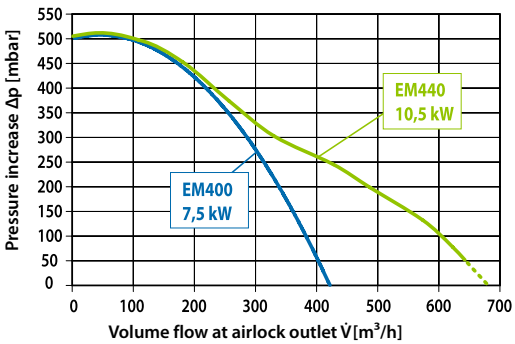
Model	EM400 – 7.5 kW	EM440 – 10.5 kW
Material processing speed	up to approx. 1.600 kg / h depending on application, material and supply	up to approx. 1,600 kg / h depending on application, material and supply
Power connection	400 V / 50 Hz / 3 x 16 A – PE *1)	400 V / 50 Hz / 3 x 16 A – PE, 1 x 230 V / 50 Hz 16 A *1)
Air feed unit	High-powered turbine 5.5 kW	High-powered turbine 5.5 kW and high-powered centrifugal fans, 2 x 1.4 kW
Supply pressure	max. 540 mbar (adjustable)	max. 540 mbar (adjustable)
Air volume	approx. 100 – 430 m^3/h	approx. 100 – 680 m^3/h
Pressure relief valve	optional	optional
Maximum conveying height	approx. 20 to 45 m	approx. 20 to 60 m
Material volume control	airlock feed gate / 10 positions *2)	airlock feed gate / 10 positions *2)
Hopper	approx. 1.000 L / 5 – 6 bags of insulation material	approx. 1.000 L / 5 – 6 bags of insulation material
Material shredding	4 shredder shafts	4 shredder shafts
Material conditioning	shredder	shredder
Dimensions	approx. 1285 x 1000 x 1800 mm (L x W x H)	approx. 1285 x 1000 x 1800 mm (L x W x H)
Filling height	approx. 1250 mm	approx. 1250 mm
Airlock outlet	NW 76 mm / threaded connection *3)	NW 76 mm / threaded connection *3)
Weight	approx. 425 kg	approx. 445 kg
Rated performance	approx. 7.5 kW	approx. 10.5 kW

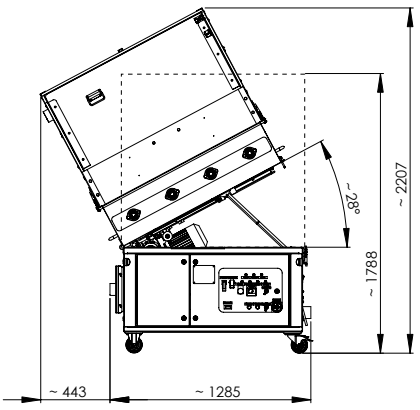
*1) Alternative operation with power generator XE 14 kW (product no. 4585)
*2) Can be set by remote control or manually with the crank-handle
*3) Reduction of NW 63 to NW 50 is possible

Cleaning

Construction site cleaning with internal amplifier and suction drum (EM440)

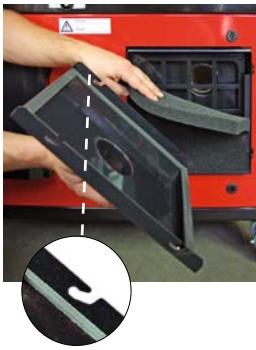
EM400/440 air characteristic line





Dimensions, closed/open

- **Incoming air filter** Quickly removable suction hood; easy-to-clean filter.
- The EM440 features an internal amplifier and additional suction hood filter.
- Suction possible with suction drum (EM440) or external amplifier/ vacuum station and suction drum (EM400).



Hook locking device

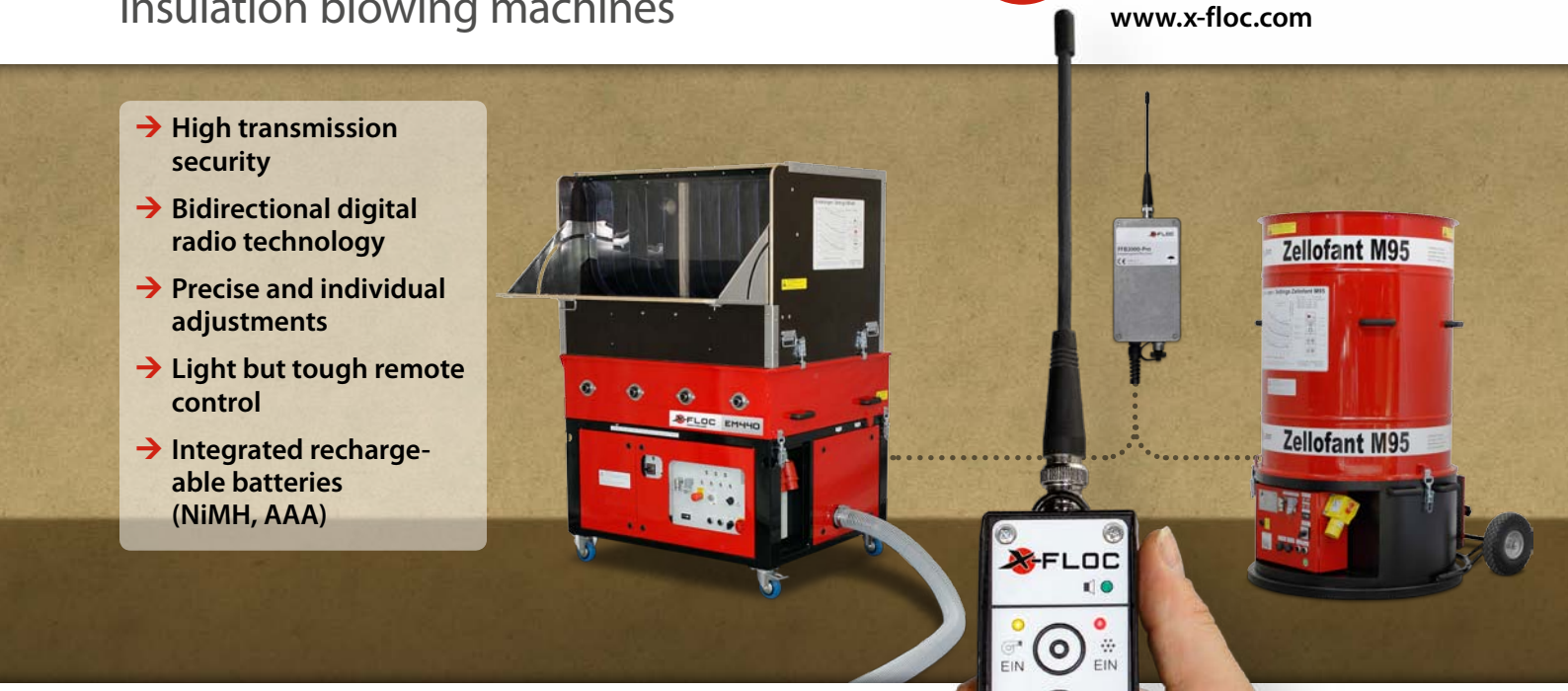
X-Floc GmbH
Dämmtechnik-Maschinen
Rosine-Starz-Straße 12
71272 Renningen
Germany

Tel. +49 7159 80470-30
Fax +49 7159 80470-40
info@x-floc.com
www.x-floc.com

FFB2000-Pro

Innovative remote control for insulation blowing machines

www.x-floc.com



- High transmission security
- Bidirectional digital radio technology
- Precise and individual adjustments
- Light but tough remote control
- Integrated recharge-able batteries (NiMH, AAA)

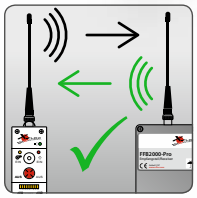
The FFB2000-Pro brings the possibilities and advantages of modern digital technology to the insulation pro. All of the important machine settings for the insulation blowing process can be controlled with the remote control.

Material input and air power can be adjusted according to the task. Overpressure is reported with optical and acoustic signal. Depending on the task, dynamic pressure control and automatic deactivation can be employed. The FFB2000-Pro is compatible with our M99-DS-Pro, M95, EM300, EM400/440 and EM500 insulation blowing machines. It can also be customized for machines from other manufacturers.

The remote control is preset to work with our insulation blowing machines. However the machine type can be easily changed in the parameter mode.

Transmitter and receiver unit interchange digital signals with bidirectional radio technology. That means signal validations are interchanged and so assures interference-free operation. The receiver only acts upon orders which have been validated. The remote will not send new orders until validation is received. Four radio channels give the opportunity to have parallel operation of several machines. They also give alternatives on building sites with multiple interference sources (cranes or concrete pumps).

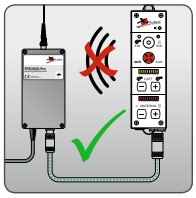
In the case of flat batteries or interference, the remote can be connected with a cable to control the machine.



Bidirectional digital radio technology

Four radio channels for interferences on building sites

Compatible with X-Floc and other machines



Cable connection possible

Acoustic alarm for over pressure

Standard rechargeable batteries in the remote control

For prices, see current price list · Published 06.2013 · We accept no responsibility for errors or changes. · PDF available for download at: www.x-floc.com/download
X-FLOC Dämmtechnik-Maschinen GmbH | Rosine-Starz-Straße 12 · 71272 Renningen · Germany | Tel. +49 7159 80470-30 · Fax -40 | www.x-floc.com

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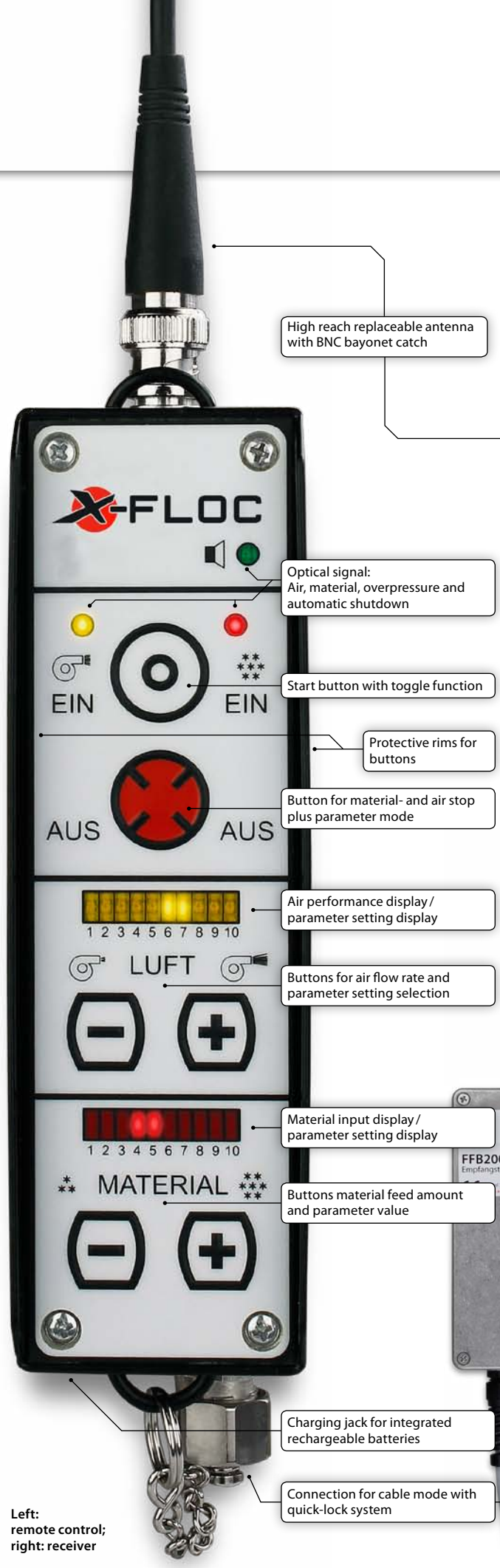

Left:
remote control;
right: receiver

Strong magnet for flexible fastening

Tough metal body: Dust-proof and splash-proof

Machine connector with twist-lock

Technical data	
Transmission frequency	434 MHz
Operating temperature range	-20°C to +40°C
Voltage supply	24 V DC
Remote	
Duration of use	up to 30 h
Range	> 100 m without interruption
Overpressure signal	▶ LED (optical) ▶ Warning tone (acoustic)
Function buttons	6 (foil keypad)
Parameter levels	10
Adjustable parameters:	
Radio channels	1 - 4
Power-on delay material	0, 1, 2,… 9 s
Power-off delay air	0, 1, 2,… 9 s
Delay autom. shutdown	0, 1, 2,… 9 s
Reaction time dynamic pressure ctrl.	50, 100,… 500 ms
IP class	IP40
Connections	▶ Cable control ▶ Charging jack ▶ Antenna
Power supply	3x AAA NiMH 800 mAh
Weight	approx. 400 g
Dimensions	approx. 47 x 154 x 47 mm
Receiver	
Protection type	IP40
Connections	▶ Control line to the machine ▶ Cable control ▶ Antenna
Power supply	24 V DC (insulation blowing machine)
Weight	approx. 765 g
Dimensions	approx. 83 x 151 x 50 mm
Article number	5154

Contents
- One remote with carrying strap
- One charger
- One receiver with magnet
- Two antennas
- Quick start guide
- Complete foam lined aluminium case

X-FLOC Dämmtechnik-Maschinen GmbH | Rosine-Starz-Straße 12 · 71272 Renningen · Germany | Tel. +49 7159 80470-30 · Fax -40 | www.x-floc.com