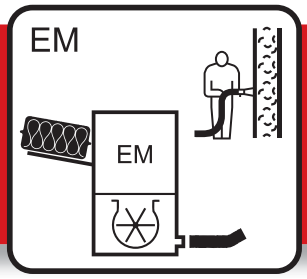


X-FLOC
Pneumatic Insulation Technology

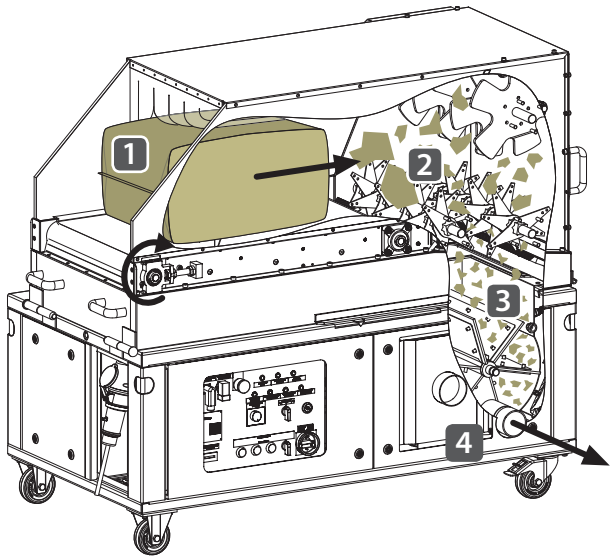
Insulation blow-in machine EM500

Highest throughput rates and ergonomic material feed

Insulation blow-in machine EM500

High-performance blow-in machine

- For highest material throughputs
- Transport in small truck or trailer
- Ergonomic material feed due to horizontal conveyor belt at table height



Structure and functional principle

1 Conveyor belt
The insulation material bundle is transported to the agitator via a horizontal conveyor belt at table height.

2 Agitator
The insulation material bale is broken up into small pieces and any lumps are broken up with the help of the three-stage material conditioning unit, which consists of a chopping shaft and two crushing shafts.

3 Airlock feed gate and rotary airlock
The material falls through the feed gate opening into the rotary airlock. The material feed rate can be adjusted via the position of the electric airlock feed gate or also the degree of filling of the chambers can be reduced. This is particularly advantageous for easy-flowing bulk materials.

4 Airlock outlet
The insulation material is conveyed by the rotation of the rotary airlock and with the aid of the conveying air flow and it is blown out of the rotary airlock through the outlet nozzle NW75 (3").

Equipment options

1 Radio remote control FFB2000-Pro
instead of cable remote control. Bidirectional radio communication with FM technology, automatic channel search and plug system according to EU standard. **Art.no. 5243 / 5154**

2 Additonal option AE
pressure relief valve for pressure limitation. Particularly advantageous for pressure-sensitive cladding materials and airtight construction (plasterboard or similar). **Art.no. 4038**

3 Additional option DS
for adjusting the airlock speed via remote control, for optimum adjustment of the delivery rate. **Art.no. 5060**

4 Mounting foot
for fastening to the machine base and to the vehicle floor or in solid ground. **Art.no. 5301**

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

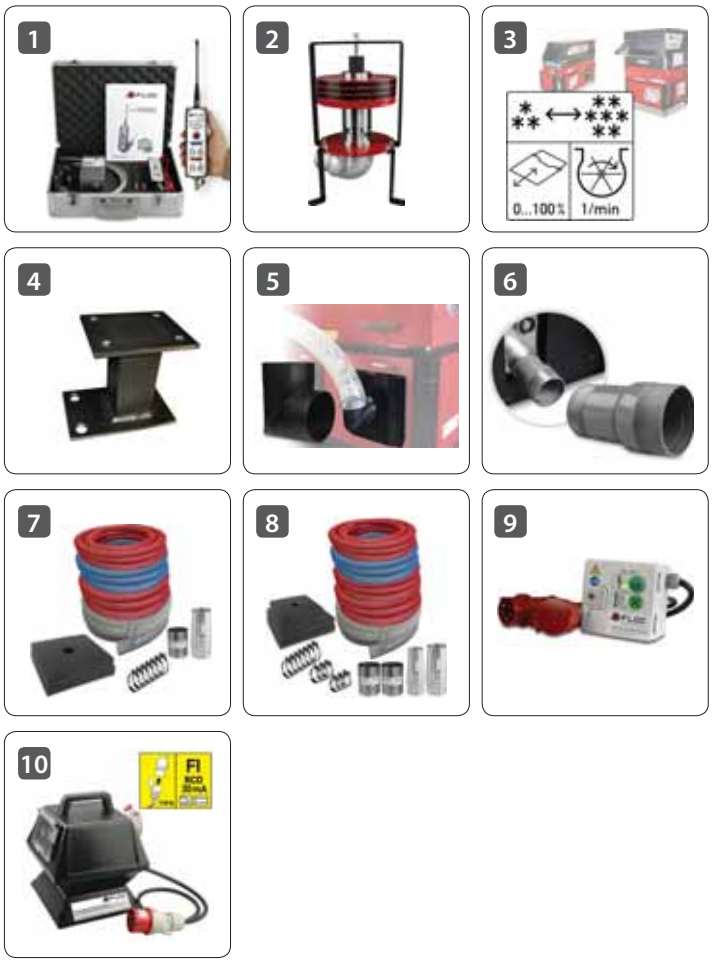
6 Direct extension NW75>90
conveyor line NW90 required for this. **Art.no. 6746**

7 Accessory set NW75/63
for loose insulation materials, non-abrasive. **Art.no. 5246**

8 Accessory set NW75/63/50
for loose insulation materials, non-abrasive. **Art.no. 5737**

9 Mains adapter phase and neutral conductor monitoring device 400V with interruption protection. **Art.no. 4553**

10 Power distributor 400V/16A PRCD-S type B, all-current sensitive. For commercial use, in case of deviating or unknown protection of the supply poin. **Art.no. 9271**



High-performance blowing machine EM500

The X-Floc EM500 **Art.no. 4817** is one of the most powerful blow-in machines for processing all kind of insulation materials approved by the building authorities. Its particularly large 32 litre/6-chamber stainless steel airlock ensures a very high material throughput. At the same time, the machine impresses with its compact dimensions; it can be easily transported in a small truck or on a trailer. It is equipped with a 400V connection and is suitable for both stationary factory use and mobile construction site use.
The material is fed via a horizontal conveyor belt. The compressed fibre insulation material can be unpacked on the feed table and fed to the machine via the conveyor belt. The EM500 is predestined for magazine filling or bulk container emptying.
The three-stage agitator unit is capable of easily breaking up and finely scarifying highly compressed processing materials. Optimum degrees of loosening are thus achieved for different materials. A five-stage 7.5 kW turbine is used as the air generator. With the aid of the cable or radio remote control, all important machine settings can be made directly from the injection point. The desired maximum pressure can also be set via the optional pressure relief valve (see equipment options) using weight discs. The hinged upper part of the machine facilitates regular cleaning and maintenance work, which ensures perfect functioning and a long service life for the machine.

Technical data

Article number	**4817**
Power/mat. processing speed *	1800kg/h
Hopper	0,4m³
Airlock outlet ø	NW75 (3“)
Dimensions (LxWxH)	1520x800x1300mm
Unladen weight	390kg
Filling height	860mm
Airlock ventilation	●
Machine control	KFB2000 or FFB2000-Pro
Material conditioning	3 horizontal agiator shafts
Airlock feed gate adjustable	10 levels (KFB2000) or 19 levels (FFB2000-Pro)
Airlock material	Stainless steel
Blow-in automation	●
Pessure relief valve	optional
Air generator	Turbine 7,5kW
Max. dynamic pressure (adj.)	500mbar
Air feed amplification	External (option) e. g. X-Floc VSxx
Air volume (nom./measured)	490/450m³
Suction function via suction hood	●
Conveying height	>45m
Hose length L=max.	180m
Motor	2x3 phase 1,1kW
Power rating	9,5kW
Power supply	400V/50Hz/3x16A/N/PE
Max. material packing density	175kg/m³

● suitable/yes The values given are approximate.
* Maximum values, depending on the insulation material used and blow-in method.

Insulation blow-in machine EM500

Machine accessories

X-Floc insulation blow-in machines as well as amplifier/vacuum stations and other products can be operated and combined in a variety of ways. Detailed information on radio remote controls, cable controls, power generators as well as sack supports, suction drums and other machine accessories can be found in the corresponding product documentation.

▸ Further info, see brochure **Machine accessories**

Measurement devices

X-Floc maintains close cooperation with university research and development institutions. This results in an extensive product range in the field of measuring and testing technology for blow-in technicians, insulation material manufacturers and material testing institutes. and many more. Detailed information can be found in the corresponding product documentation.

▸ Further info, see brochure **Measurement devices**

Nozzles and blowing accessories

For all insulation blow-in methods and any application, there are tools and/or aids for insertion, sealing and venting necessary. Detailed information about these accessories and everything about tools such as injection nozzles and rotary nozzles, injection needles and injection lances as well as hole saws and sealing parts can be found in the corresponding product documentation.

▸ Further info, see brochure **Nozzles and blowing accessories**

Damp spraying

In the damp spraying process, thermal insulation material is moistened with water after exiting the hose. Detailed information reagarding spray heads and pipes for the various applications as well as on high-pressure pumps such as membrane or piston pumps and on wall scubber for smooth surfaces can be found in the corresponding product documentation.

▸ Further info, see brochure **Damp spraying**

Hoses and connectors

Hoses and connections parts are an essential part of the insulation blow-in equipment because all these units can be used to create conceivable transport lines and circuits. Detailed information regarding conveying and injection hoses as well as hose connectors and clamps, Y-connectors and fibre switches can be found in the corresponding product documentation.

▸ Further info, see brochure **Hoses and connectors**

Industrial safety and respiratory protection

The special work suit with hood protects the insulation blow-in professional from contact with skin-irritating insulation materials. Detailed information on the entire X-Floc range of work clothing, respirators, professional respiratory protection equipment, air filters, batteries and other spare parts and accessories can be found in the corresponding product documentation.

▸ Further info, see brochure **Industrial safety**

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