

# Minifant M99 Insulation Blowing Machine



- ▶ The compact all-rounder with 230V electrical connection
- ▶ High mobility and good ergonomics
- ▶ High air power and processing speed
- ▶ Radio remote control as standard feature



Easy to use from the pro model ranges with FFB2000-Pro



Air generation with two high-performance radial compressors



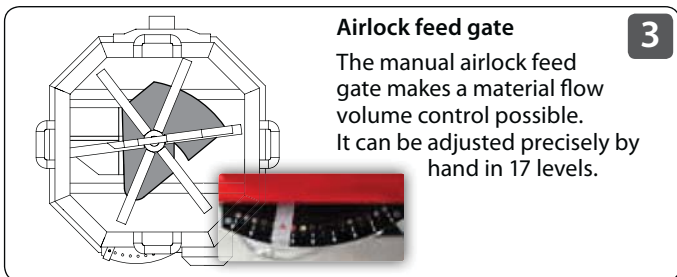
## Functional Principle and Standard Equipment



The insulation bales are laid on the support for bags (optional), opened and pushed into the hopper.

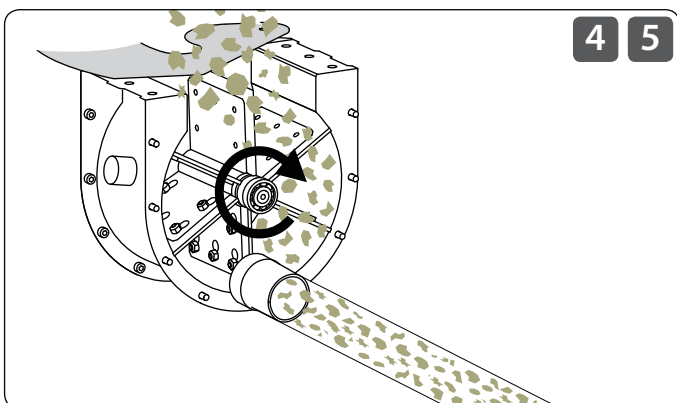


The special shaped shredding arm disaggregates the material in smaller pieces and loosens it up completely.

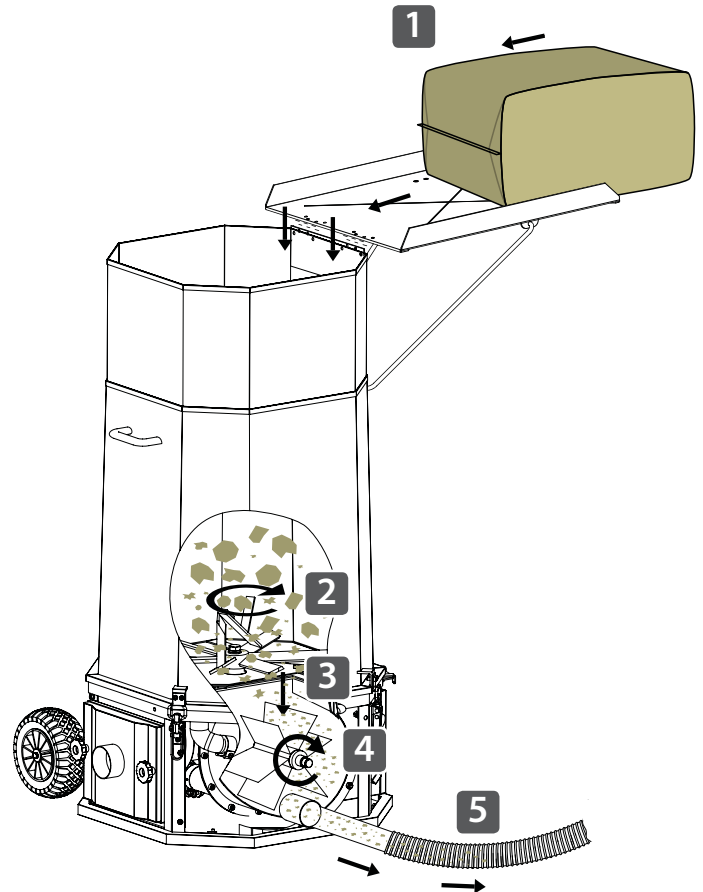


### Airlock feed gate

The manual airlock feed gate makes a material flow volume control possible. It can be adjusted precisely by hand in 17 levels.



The cellular wheel transports the material to the lower part of the airlock. The air flow of the high-powered radial compressors accelerates the material and forwards it through the airlock outlet into the conveyor line.



### Incoming air filter

The fast removable suction hood allows an easy cleaning of the air cleaner element.



## Filling Hopper

The filling hopper has a supply volume of 200 litres, sufficient for approx. 1 bag of standard insulation material. An optionally mounted support for bags facilitates laying, opening and feeding of the insulation material.



## Machine Control

To work more efficient, the M99 is equipped with a remote control FFB500 and a cable control KFB3 as standard feature. The M99-DS-Pro contains a comfortable FFB2000-Pro in series.



## Transport

The filling hopper is easy and quick demountable. Thereby, the M99 can be transported in nearly every vehicle and is easy to clean.



## Electrical Switchboard

- ▶ Clearly arranged layout
- ▶ Easy intelligible labelling with symbols
- ▶ High-quality components (fig. DS model)



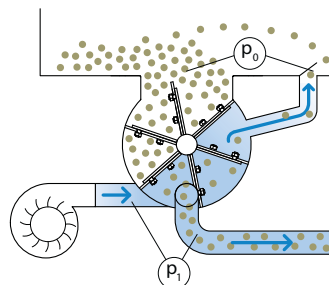
## Airlock Outlet NW63 (2 1/2")

Allows a high air and material performance. For smaller hose diameters, we provide a wide range of reducer tubes.



## Airlock Ventilation

Increases significantly the airlock's efficiency and prevents actively from dust turbulences in the filling hopper.



## Minifant M99: The Compact All-Rounder

### Mobility

The machine can be moved and ranged easily on rough building site grounds due to its little weight and its wheels.

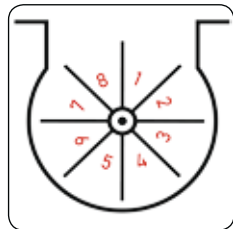


### Feeding

The Minifant M99 has a high filling comfort due to its little height. The optional support for bags can be used as a top cover on the hopper.



## Configuration Options



### Rotary Airlock with 8 Chambers

The airlock rotor with 8 chambers provides an optimized and steady material flow. This way, damp spray applications and applications in the field of fire protection can be performed easier and with an even higher accuracy.

**Prod.No. 7444**

### M99-DS-PRO

The M99-DS-Pro is equipped with a comfortable FFB2000-Pro as a standard feature. The ease of use is as high like with a big machine.

**More info: Turn over!**



### Support for Bags

The M99 Minifant can be equipped optionally with a support for bags. This way, the machine provides a higher filling comfort. This option can be used as a top cover for the hopper after usage.

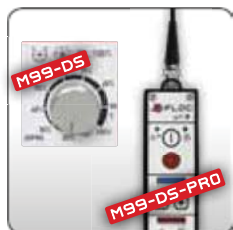
**Prod.No. 3474**



### Mains Voltage Display

The M99 can be supplied optionally with a mains voltage display. This way, the processor can see fluctuating or low power supplies and voltage drops immediately and reliably.

**Prod.No. 4604**



### Rotational Speed Control

The airlock's and agitator drive's rotational speed can be adjusted at the machines M99-DS and M99-DS-Pro. This way, the material flow volume can be controlled more precisely which offers advantages for damp spraying and cavity wall insulation.

**Prod.No. 083**

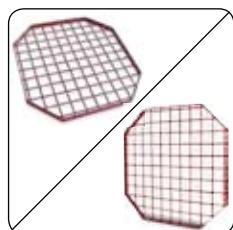


### KFB30

KFB30 is a robust hand-held control. The following functions are given by a toggle switch:

- ▶ Air ON
- ▶ Air and material ON
- ▶ OFF

**Prod.No. 2459/7852**



### Detention Grid for the Hopper

The detention grid is designated for the processing of free flowing bulk materials like EPS granules.

**Prod.No.2940/8148**



### Power Generator XE5,5kW

Our smallest device, the XE5,5kW, is ideally suited for the Minifant M99 and ensures a steady power supply on the building site. Its features and performance makes it ideal for blow-in pros.

**Prod.No. 7138**

## Cleaning

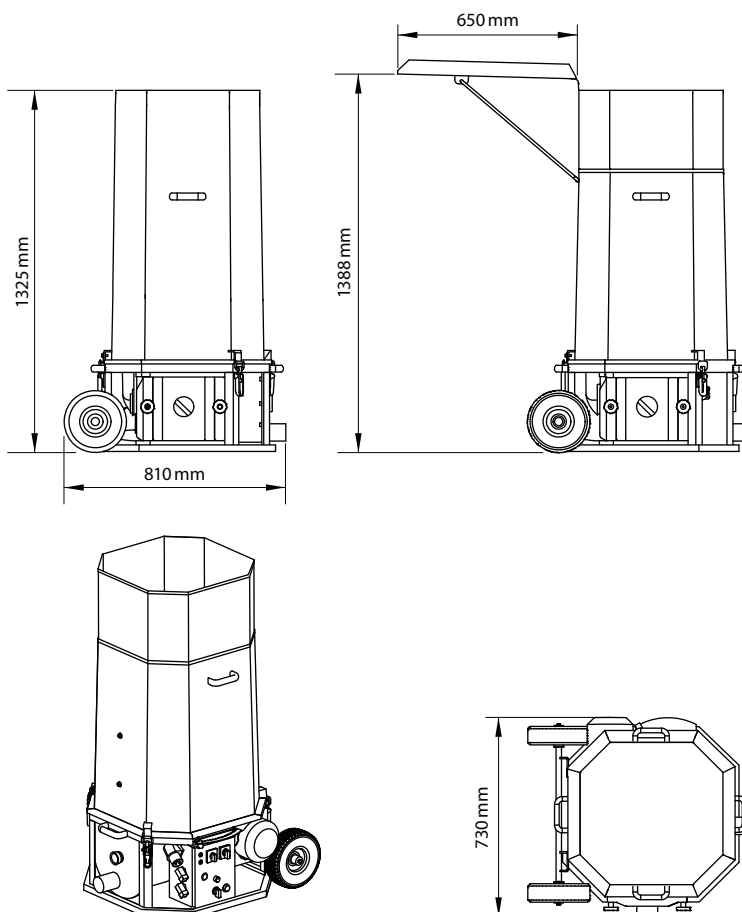
The M99 Minifant allows cleaning of workspaces by using a suction drum as collecting container. The suction drum is connected to the suction hood of the M99 Minifant.

## Amplification

In case of large conveying heights, long conveyor lines or strongly compacted insulation materials, the machine's air power can be increased by using an amplifier.



## Dimensions





## M99-DS-Pro Minifant

Ease of Use like the Pro Series



- ▶ High transmission reliability
- ▶ Precise and individual adjustments
- ▶ Light but robust and easy to handle remote control



Optical signal:  
Air, material, overpressure and  
automatic shutdown

Clear and fast scale plus  
adjustment of the air flow volume

Clear and fast scale plus  
adjustment of the material flow  
volume

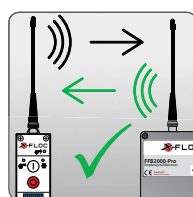
The M99-DS-Pro's air power and airlock speed can be adjusted comfortably with the FFB2000-Pro radio remote control.

The enclosed digital control cable makes it possible to use the FFB2000-Pro also as a cable control which can be especially useful when having radio interferences.

The controls FFB2000 and KFB2000 are compatible as well.



KFB2000 (Prod.No. 1497)



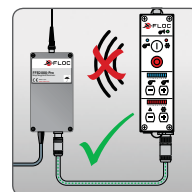
Bidirectional digital  
radio technology



Four radio channels for  
interferences on building  
sites






Acoustic alarm for  
overpressure



Cable connection  
possible



M99-DS-Pro is equipped to protect the cavity walls with a pressure detection unit.

		Minifant M99						Minifant M99-DS						Minifant M99-DS-Pro					
Machine model		M99-3,6kW						M99-DS-3,6kW						M99-DS-Pro-3,6kW					
Image																			
Cellulose	Applications	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
	Suitability	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1	
Examples *1) Advanced Fibre cellulose, AislaNat, Applegate, Arbocel Climasafe, Arctic Fiber, Austrozell, Bellouate, Biocell, Biofib Isolation, Cellaouate, Cellisol, Cel-Pak, Climacell, Clima-Super, Climatizer Plus, Dämmstatt, EC cellulose, Ecocel, Ekofiber, Ecovata, Dobry Ekovilla, Fiberlite, Finefloc, Forest wool, Franceouate, Greenfiber, Klima-Tec-Flock, iCell, Igloo, Iglu, Isocell, Isodan CI 040, Isofiber, Isofloc L, Isofloc LW, Isoprof, Isol'quate, Mono-Therm, Northern Fiber, Nesocell, Nu-Wool, Ouateco, Pavafloc, Poesis-Floc, Quateco, Renocell, Selluvilla, Termex, Thermofloc, United Fibers, Unifloc, Univercell, Wolfinger Dämmzellulose etc.																			
Wood fibre	Applications	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
	Suitability	2	4	4	4			2	2	3	1			2	2	3	1		
Examples *1) Agricell, Airflex, Hoiz, KKS Woodfiber, KKS Woodfiber Granulate, Jasmin, Neptutherm, Steicozell, Thermofibre, Thermocell, Termoträ, Woodycell etc.																			
Mineral fibre	Applications	A	B	C	D	F	F	A	B	C	D	E	F	A	B	C	D	E	F
	Suitability	2	3	3	3	3		2	2	2	1	2		2	2	2	1	1	
Examples *1) Astratherm, Climastone, Comblissimo, Ecofibre (BLT3 – BLT5 – BLT9), Ecofibre KD, Fibrexpan, Greenguard, Indi-Flock, InsulSAFE, InsulSAFE Plus, Insuver, ISG, Isolene 4, Isomat, Paroc BLT7, Projiso, Rathiflock, Rockwool, Supafil cavity wall, Supafil loft, Supafil timber frame, Thermacoustic TC-417, Teko-Flock etc.																			
Mineral granules	Applications	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
	Suitability	1				1	2	1				1	1	1				1	1
Examples *1) Bachl Perlite, Extraperl H4, Fillrock KD, Hyperdämm, Hyperlite, Isomat ISG, Liapor, Perlifill-F, Perli-Fill, SLS20, Thermofill S – S40, Thermoperl etc.																			
EPS granules	Applications	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
	Suitability					1						1						1	
Examples *1) Bodiflock XPS, DämmPerl 035, Durolan, Duroperl 35, EASY-FILL 034 – 033, Granublow 035, HK35, HK33, H2 Wall, Joma Perl, Neopor, Rigidbead, Rathipur KD etc.																			

## Legend suitability

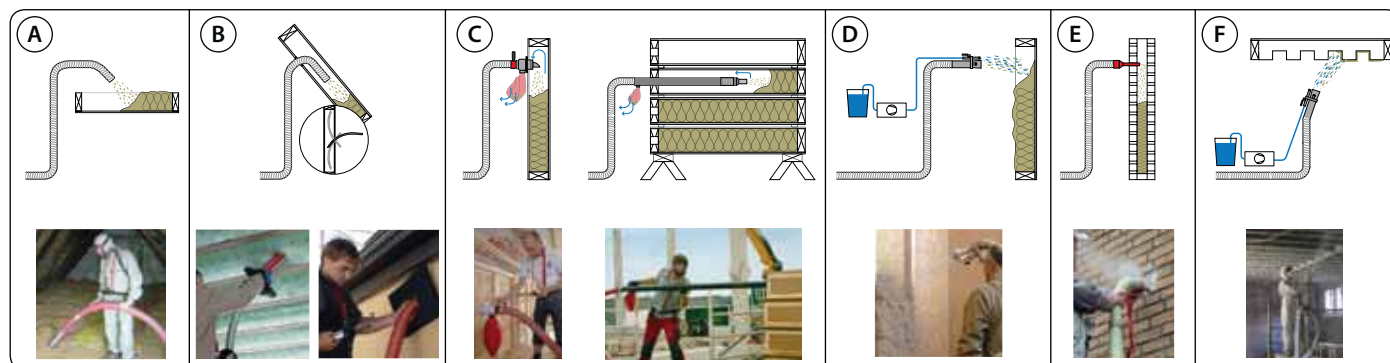
1 Extremely well suited / Best machine choice   2 Well suited   3 Recommended with limitations   4 Not recommended

\*1) Examples are not exhaustive. Is your product listed? If not, please contact us.


\*2) Amplifier recommended.

## Applications

A: Open/attic blowing · B: Dry injection · C: Dry Injection with ventilation · D: Damp spray/CSO · E: Cavity wall insulation · F: Fire protection



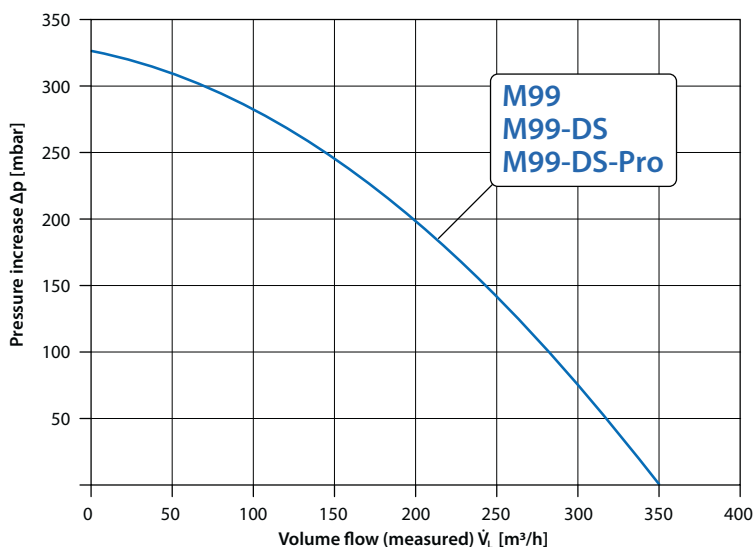
## Technical Data

Machine type	M99	M99-DS	M99-DS-Pro
Images			
Product number	3432	3837	5416
Power/material processing speed <sup>*1)</sup> (max.)	550 kg/h	600 kg/h	600 kg/h
Hopper	0.2 m <sup>3</sup> / Approx. 1 bag of insulation material		
Airlock outlet	NW63 (2½") <sup>*2)</sup>		
Dimensions (L × W × H)	810 × 730 × 1325 mm		
Unladen weight	110 kg	110 kg	111 kg
Filling height	1400 mm		
Airlock volume	✓		
Feeder	✓ Support for bags (optional)		
Machine control	KFB3/KFB30/FFB500		KFB2000/FFB2000-Pro
Shredding and conditioning	✓ Rotating agitator with shredder arm		
Shredder	-		
Airlock feed gate	✓ 17 positions, manual adjustment		
Airlock speed adjustable	-	✓	✓
Dynamic pressure control	-	-	✓
Air feed unit	2 high-powered radial compressors		
Air flow volume (nominal/measured)	440 / 350 m <sup>3</sup> /h		
Adjust. conveying pressure (max.)	325 mbar		
Conveying height <sup>1)</sup> without/with amplifier (max.)	> 30 / > 50 m		
Hose length (max.)	80 m		
Installed air power (adjustable)	2 × 1.45 kW		
Installed motor power	0.75 kW		
Power rating	3.6 kW		
Power supply	230 V / 16 A / 50 Hz <sup>*3)</sup>		
Packing density material (max.)	145 kg/m <sup>3</sup>		

All values approximate.

\*1) Depending on use, material and delivery · \*2) Direct reduction to NW50 (2") possible · \*3) Operation with 230V / 10 A / 50 Hz with reduced air power possible.

## Characteristic Curve at 50 Hz



### X-Floc partner

**X-Floc Dämmtechnik-Maschinen GmbH**  
 Rosine-Starz-Straße 12  
 71272 Renningen · Germany  
 Telephone + 49 - 7159 - 80470 - 30 · Fax - 40  
 info@x-floc.com · www.x-floc.com

For prices, see current price list · Published 12.2016  
 We accept no responsibility for errors or changes.  
 PDF: [www.x-floc.com/download](http://www.x-floc.com/download)