

F4.15 F5.17

BREMAT



FULLY AUTOMATED CONVENTIONAL FLOOR SCREED INSTALLATIONS

Bremat was in the year 2000, the first company to produce a fully automated mobile floor screed installation with a horizontal production system. Under the name BreMAT F-series, this line of fully automated conventional floor screed installations has been further developed and meanwhile several versions are available.

The BreMAT **F4.15** and **F5.17** conventional floor screed installations are both assembled on a truck chassis. Through the years, BreMAT gained a rich experience in the construction of machines on a truck chassis from various suppliers in a variety of configurations.

Bremat F-series

The fully automated conventional floor screed installations from BreMAT, offer the user a flexible and efficient solution for producing and delivering floor screed.

Constant high quality

From separate material compartments, sand, cement, water and possible additives are automatically conveyed to the mixer vessel by means of a horizontal transport system. Here the materials are mixed and pumped by using air pressure. The basic materials are precisely weighed, which guarantees the right mortar configuration.

Efficient production

Due to the self-reliant management of material transport, the purchase of bulk materials and the fully automated filling of the mixer vessel, a significant saving of material and labor costs can be realised.

labor-friendly

Beside cost savings and a guaranteed high-quality mortar production, the installation takes care of a significant improvement of the working conditions.



Sand, cement, water and additives are fully automatically mixed and transported to the workplace.



The computer-controlled system is easy to operate from the advanced touchscreen display.



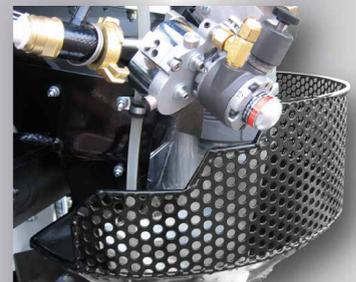
Cost- and space-saving: instead of a diesel unit, the machine is being driven by the diesel engine of the truck, through a PTO.



The BreMAT F4.15 consists of a 4-axle truck chassis and the F5.17 is assembled on a 5-axle truck chassis.



The installation can be controlled from the job site with the radiographic remote control.



The BreMAT F-series can be reloaded, without interrupting the production process.

Compact and efficient construction

With the design of an installation, BreMAT adjusts the exact configuration closely to the respective truck chassis, which will be delivered by the customer. We therewith ensure that the mortar installation forms a perfect unity with the truck chassis. Because of the efficient construction, we realise a maximum loading capacity and optimal weight distribution, both with partial and full loads. The BreMAT F4.15 consists of a 15 m³ sand and 4 m³ cement compartment, whereas the F5.17 has a 17 m³ sand and 4 m³ cement compartment. The installations are driven by the engine of the truck chassis. Because of this, the truck chassis has to be equipped with a PTO. An external diesel unit is unnecessary which makes the F4.15 and F5.17 one of the most compact and maneuverable installations.

Horizontal production system

The materials are automatically transported and dosed by means of a conveyor belt and screw conveyor. The installation remains horizontal during the production of conventional floor screed. This has many practical advantages. Installations from the BreMAT F-series can produce within buildings, underneath bridges and at narrow construction sites. They can even produce when placed on hills or slope surfaces. Because the installations do not need to be tipped to be able to produce, it is not necessary to extra stabilise the installation with support beams.

Ease of use

Installations from the BreMAT F-series have a very complete standard equipment with for example a mortar hose reel, a high-pressure cleaner, automatic heating of the material compartments and a lot of storage space. The installation is standard equipped with a liquid dosage system, an automatic glass fibre dosage system and 2 x 20 m mortar hose including discharge end. The computer controlled system can easily be operated from the advanced touchscreen control panel and can furthermore be controlled with a remote control.

Certification and quality control

Machines from the F-series comply to the Machine Directives and have been inspected and approved by several Notified Bodies.

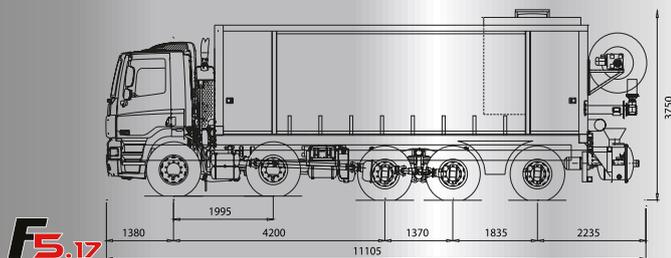
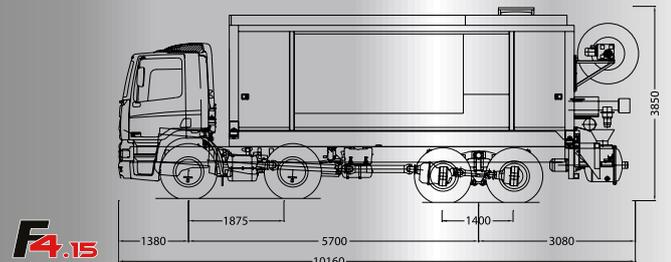
Technical specifications*1

	F4.15 H	F5.17 H
Necessary gear box PTO	mounted on the gearbox, 1 connection to the hydropump; C-connection DIN5462; 600 Nm; 135 % of the engine speed	
Hydropump	Axial pump	
Hydotank	225 litres including manifolds	
Compressor	5.000 l/min, 9 bar	
Generator	15 kVA, 12 kW, 1.500 rpm	
Pumping capacity floorscreed*2	Up to 6 m ³ /hour	
Mixer vessel	220 l	
Total length installation	10,21 m	11,11 m
Contents sand compartment	15,0 m ³	17,0 m ³
Contents cement compartment	4,0 m ³	4,0 m ³
Contents watertank	200 l	
Tare*3	7.500 kg	8.000 kg
Sound level EU-RL 2000/14/EC	+/- 70 dB at 7 m	

*1 Subject to alteration

*2 Depending on the used materials

*3 Depending on equipment



The expert in screedpumps

BreMAT is specialised in the development and production of fully automated mobile mortar installations. There are worldwide hundreds of BreMAT installations that are being used on a daily basis for producing semidry and self levelling floor screed.

Furthermore BreMAT delivers customer specified solutions for the mixing and pumping of several types of mortar, including EPS insulation mortar, foam mortar and PUR-materials.



We are ready to help you with the best machines and optimal service!

BREMAT

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