

# S3.15 S3.17

# BREMAT



## FULLY AUTOMATED SELF LEVELLING FLOOR SCREED INSTALLATIONS

**Bremat** is fully aware that the ideal floor screed installation may differ for every customer. The ideal installation is dependent on a number of factors. The legal provisions relating to the maximum permitted bulk that can be transported are often critical.

The Bremat **S3.15** and **S3.17** are compact, of low construction and have a low unladen weight. These compact mortar installations are the most appropriate mobile solution for use in countries where the permitted Gross Combination Weight is 40 tons.

### **Bremat S-series**

The Bremat fully automatic self levelling floor screed installations provide a flexible and efficient solution for the production and pump application of a variety of liquid mortars.

### **Consistent high quality**

The sand, binder, water and additives are stored in separate raw material compartments before being transported to the mixer by means of a horizontal transport system. The basic raw materials are accurately weighed during the process to ensure the production of the correct mortar composition.

A quick mixer then mixes the various raw materials into a high-quality self levelling screed. A supply mixer has been installed below the quick mixer. The supply mixer is equipped with a worm pump which pumps the liquid mortar to the place of work.

### **Efficient production**

The independent transport of materials, the purchase of basic raw materials in bulk and the fully automatic supply to the mixer, all contribute to considerable savings in material and labour costs. The S-series also provides a noticeable improvement in working conditions.



Precise material dosage allows the production of homogeneous and high-quality self levelling floor screeds.



The computer controlled system is equipped with an advanced touchscreen display and is easy to operate.



The triple axle trailer chassis complies with the most recent safety and quality requirements and carries a European Type Approval.



Installations from the BreMAT S-series can also be assembled on a truckchassis.



The installations can be operated remotely from the jobsite.



The horizontal production system allows the installation to be filled without interrupting the production process.

### Several sizes

The BreMAT S3.15 and S3.17 differ from the BreMAT S3.17 XL in a number of areas. The total length of one of these installations is less than 11.25 metres.

### Optimum handling

The trailer chassis is equipped with double rod controlled steer axles and an automatic lift axle. This guarantees optimum handling irrespective of the trailer load and allows the vehicle to be easily and safely manoeuvred to difficult to access building sites.

### Balanced production

The sand compartment is available in a 15 m<sup>3</sup> or 17 m<sup>3</sup> version and the binder compartment is available in 9 m<sup>3</sup> or even 13 m<sup>3</sup>. This can provide sufficient binder for the production of up to 26 m<sup>3</sup> of self levelling floor screed.

### Horizontal production system

The materials are automatically transported and dosed by means of a conveyor belt and screw conveyors. The installation remains horizontal during the production of self levelling floor screed. This has many practical advantages. Installations from the BreMAT S-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 semitrailer with support beams.

### Ease of use

Installations from the BreMAT S-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 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 S-series comply to the Machine Directives and have been inspected and approved by several Notified Bodies.

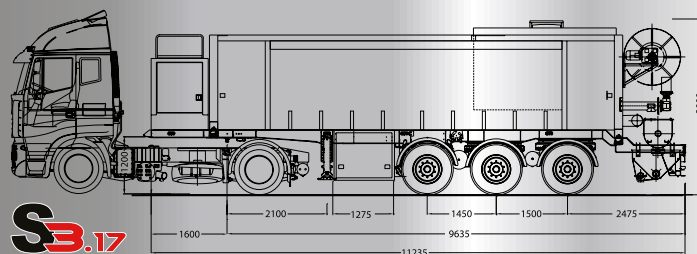
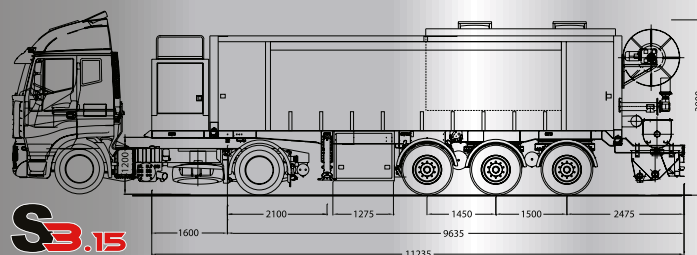
### Technical specifications\*1

	S3.15	S3.17
Diesel engine	John Deere 4045 TFC 03 - 4 cylinder	
Capacity	55 kW (74 ps) at 2.400 rpm	
Contents fuel tank	300 l	
Compressor	400 l/min, 9 bar	
Generator	19 kVA, 15 kW, 3.000 rpm	
Pump capacity self levelling mortar*2	Up to 12,5 m <sup>3</sup> /hour	
Quick mixer	400 l	
Supply mixer	800 l	
Contents sand compartment	15,0 m <sup>3</sup>	17,0 m <sup>3</sup>
Contents binder compartment	13,0 m <sup>3</sup>	9,0 m <sup>3</sup>
Contents water tank	1.500 l	
Tare *3	12.500 kg	
Maximum king pin pressure	18.000 kg	
Maximum axle loads	27.000 kg (3 x 9 t)	
Sound level EU-RL 2000/14/EC	106 Lwa	

\*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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