

**BOMAG additive spreaders.**

**Precision and profitability with three solutions.**



Soil stabilisation and cold recycling have long been accepted as economical and environmentally friendly methods of converting weak soils into stable foundations, and for renewing road bases while saving resources. The addition of hydraulic binders has been proven especially on difficult materials.

BOMAG has embraced this trend and offers specialist solutions for the complete process. Alongside soil stabilizers and cold recyclers in various classes, BOMAG also offers additive spreaders in different capacities, designed as attached, towed or mounted units. Capacities range from 3.2 cubic metres to 16 cubic metres.



## Precision spreading at any delivery rate.

Taking into account the application, size of site and towing vehicle, BOMAG offers attached, towed or mounted spreaders as economical solutions for a wide range of applications.

From the basic model upwards, precise metering and distribution of binder is achieved by a simple and robust combination of rotary valve and spreader screw.

Additive spreaders from model BS 12000 upwards can also be equipped with electronically controlled rotary valves which adapt the spread rate to the travel speed of the carrier or towing vehicle; binder is distributed accurately and evenly.

	<b>BS 3200</b>	<b>BS 12000</b>	<b>BS 12000 PROFI</b>	<b>BS 16000 PROFI</b>	
	Front spreader	Towed spreader	Towed spreader	Mounted spreader	
Capacity m <sup>3</sup>	3,2	12	12	16	
Output at 2 km/h in l/m <sup>2</sup>	20*	40*	50	50	
Working width in mm (optional)	2.500	2.400 (2.800)	2.200 (2.700)	2.400	
Number of feeders	1	1	3	3	

\* at 1 km/h

## BS 3200 Spreader Attachment.

With a 3.2 cubic metres capacity, the BS 3200 spreader attachment is the entry model in the range of BOMAG additive spreaders. The attachment unit is compact with a high daily output and is ideally suited to profitable operation on small to medium-sized construction projects.



With a payload of 3,200 kg the BOMAG spreader is designed for small and medium-sized work and areas with difficult access. The 2,500 millimetre wide rotor ensures uniform spread of binder. The metering system is driven by the carrier unit's hydraulics. The hydraulic motor for the rotor can be progressively adjusted by an oil flow control valve on the tractor.

When coupled to powerful tractors, the BS 3200 handles difficult materials effortlessly. An international standard simple three-point attachment, and time saving transport options plus low investment costs also contribute to profitability.

### Features:

- **International standard, Category II 3-point attachment** for simple mounting or dismounting and flexible use
- **Simple design** for quick servicing and maintenance
- **Self-cleaning rotary valve** for precise spreading
- **High quality sealed metering valve** for precise supply to valve chambers
- **Conical hopper** for high stability and reliable feed
- **Low dead weight** allows high payload and flexible use

The BOMAG BS 3200 spreader attachment can also be filled by big-bag filling through an opening above the spreader, or by compressed air through a three inch filling socket. Forced ventilation ensures smooth and reliable filling.

The BS 3200, in combination with the BOMAG BSF 2500 stabilizer, forms a powerful stabilising train to treat weak soils especially on difficult sites.



A wide opening for reliable filling.

Rotary valve for uniform binder distribution.



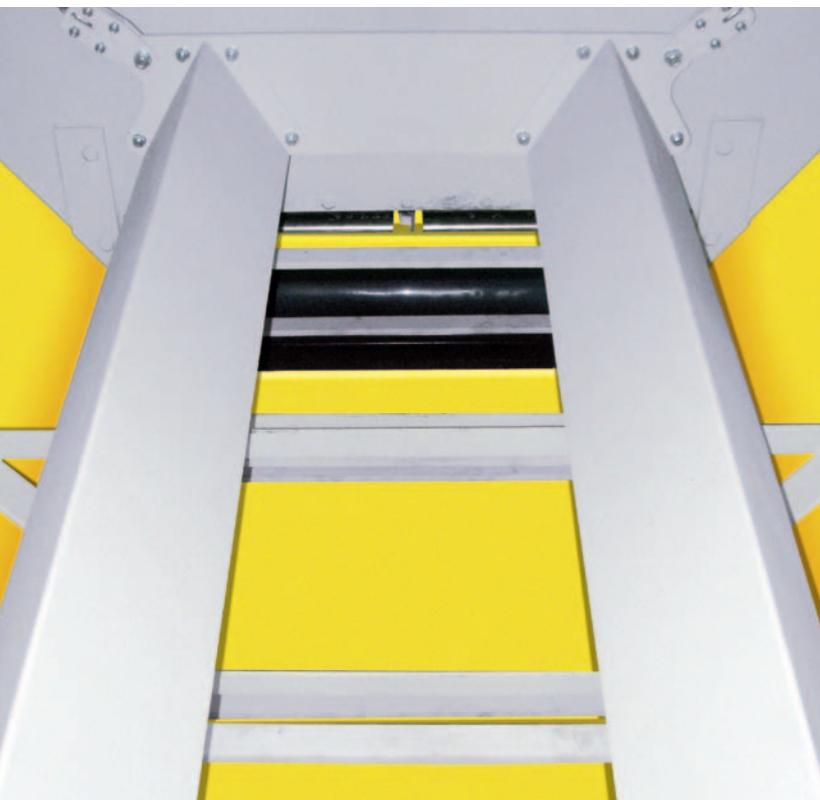
**Advantages:**

- Flexible use
- Simple operation
- Highly accurate metering
- Large hopper capacity
- Progressive adjustment of spreading rate from the driver's seat
- Low maintenance costs and long service life

# Towed spreaders. The right model for every job.

**BOMAG 12 m<sup>3</sup> towed spreaders are available as STANDARD and PROFI models.**

**These towed spreaders cover a wide range of applications, and can be used economically on both small and large projects.**



The open conveyor system.

Each hopper is firmly bolted to the undercarriage at four points. A propshaft transfers the power of the towing vehicle at a speed of 5040 rpm to the pump in the closed hydraulic system of the towed spreader. All settings can be conveniently made using the control terminal, which is included in the standard scope of delivery. If the towed spreader is not needed, the hydraulic parking jack ensures safe and stable parking.

#### The conveyor technology:

- The **open conveyor system** stops the binder from arching
- The **modular conveyor system** can be easily removed in just a few steps
- **Computer controlled conveying speed** prevents the formation of blockages caused by excessive quantities of material
- The **conical design of the hopper** ensures maximum stability and guarantees the feed to the conveyor system



**The spreader unit:**

- A **rotary valve** for highly accurate material spreading
- **Transverse spreader screws** for even distribution of binder across the entire spread width
- **Rubber mats** between spreader unit and ground to reduce the dust nuisance
- **Self-cleaning rotary valve and spreader screw with hinged cover** for a long service life
- Mechanical reduction of working width by up to 50 percent using a mechanical slide

**Advantages:**

- Rotary valve for metering accuracy
- Open conveyor system prevents blockages
- Progressive adjustment of spread rate from the driver's seat
- Low maintenance costs and long service life
- Large tyre diameter for low ground pressure
- Use as water tanker

**PROFESSIONAL equipment:**

All features included on BOMAG mounted spreaders are also available on towed models. For example:

- The spreader is simply and conveniently **controlled and operated** from the driver's seat using a control terminal. This includes continual monitoring of the filling level, as well as control of the spread rate.
- **Sensor** to monitor the travel speed and control the spread rate, depending on speed of travel
- **Computer controlled, self-cleaning rotary valve** for high precision binder output
- **Computer controlled transverse spreader screws** for even distribution of binder across the entire spread width

**Optional equipment:**

- Audible filling level signal
- Spreading width 2.80 m
- Second filling socket on right side of hopper, including shut-off valve and ventilation
- Ventilation filter for dust-free filling

## Mounted spreader from the PROFESSIONAL series.

**BOMAG mounted spreaders have a hopper capacity of 16 m<sup>3</sup> to produce the high outputs usually demanded on large scale construction projects. These spreaders can be installed on all standard trucks with suitable carrying capacity.**

To spread binder or for cold recycling – precision matters most alongside the spread rate. The greater the accuracy, the greater the uniformity and quality of the end result. Controlled quality ensures sustained profitability.

BOMAG additive spreaders are all precision units so it goes without saying that this is true of our top of the range units: mounted spreaders with a spread output of up to 50 l/m<sup>2</sup> at a speed of 2 km/h. Trucks with high off-road abilities and high payload are normally used as a carrier. The conical shape hopper used with BOMAG mounted spreaders maintains excellent stability in use

### The control.

The spreader is controlled and operated simply and conveniently from the driver's seat using a control terminal. This includes continuous monitoring of the filling level, as well as control of the spreading quantity while taking into account material density. In addition to this, the spread rate depends on the drive speed, so that optimum accuracy is maintained even if traction is uncertain.

### The conveyor technology:

- The **open conveyor system** prevents the binder from arching
- The **modular conveyor system** can be easily removed in a few steps
- **Computer controlled conveying speed** prevents blockages caused by excessive quantities of material
- The **conical design of the hopper** ensures maximum stability and guarantees the feed to the conveyor system



Feed monitoring with filling level sensor.



Caption BS 16000 PROFI mounted spreaders are primarily used on large area applications.

#### The spreader unit:

- **Sensor** to monitor the travel speed and to control the spreading quantity depending on the speed of travel
- **Computer controlled, self-cleaning rotary valve** for high precision binder output
- **Computer controlled transverse spreader screws** for even distribution of binder across the entire spreading width
- **Rubber mats** between spreader unit and ground to reduce dust

#### Optional equipment:

- On request the BOMAG mounted spreader can be equipped with additional **stowage compartments** attached to the sides of the hopper. A strong tarpaulin, which can slide over the entire width of the vehicle, protects the contents. Rapid fasteners additionally ensure convenient access and effective protection.

#### Advantages:

- Rotary valve for high metering accuracy
- Open conveyor system to prevent blockages
- Progressive adjustment of spreading rate from the driver's seat
- Low maintenance costs and long service life
- Filling level display in the driver's cab
- Use as water tanker
- Variable spreading width, adjustable from driver's seat

# Benefits.

Today, soil stabilisation and cold recycling provide a valued contribution to improving the load capacity and longevity of modern infrastructure – and BOMAG products, including attached, towed and mounted spreaders, are first choices. Why? There are many good reasons. Here are a few:



## Performance:

BOMAG additive spreaders are available as attached, towed and mounted spreaders in a variety of versions.

- Open conveyor system
- Self-cleaning rotary valve
- Speed related spreading quantity

## Comfort:

Users are the focal point for BOMAG designers. Consequently, a prime objective in development was to make operations as simple and convenient as possible.

- Standardized interfaces
- Modular conveyor unit
- Simple operation from the driver's seat

Speed related spreading rate for uniform spreading pattern.

**Quality:**

EN ISO9001:2000 certified quality management ensures compliance with the highest standards throughout the production process – from material delivery right up to shipment of the machines.

- **Conical shape for high stability**
- **Low maintenance technology**
- **High quality materials and workmanship**

**Profitability:**

From readily available consumables and spare parts to round the clock service – BOMAG spreaders deliver impressive results.

- **Flexible in use**
- **Simple design for minimal service and maintenance work**
- **Can also be used as a water tank**

**A good partnership:**

BOMAG has six branch offices in Germany and twelve independent subsidiary companies. More than 500 dealers in over 120 countries ensure worldwide sales of BOMAG machines and the service for these machines.

- **Fast spare parts**
- **Extensive service**
- **Worldwide customer support**



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