

**BOMAG BSF 2500 stabilizer attachment.
Compact soil finisher.**



BOMAG BSF 2500 – BOMAG: the hallmark of quality.

The stabilisation of weak soils with additives such as lime or cement is a well proven, economical and eco-friendly method. The world market leader in compaction technology, BOMAG offers the BSF 2200 and BSF 2500 de-mountable milling units as flexible low-cost solutions for the requirements of small to medium scale projects, or as auxiliary equipment on larger contracts.

- Working widths: 2,200 to 2,500 mm
- Rotor diameter: 800 mm
- Max. working depth: 400 mm
- Rotor speed: 345 revolutions per minute



Method.

Soil stabilisation modifies existing soil in situ (with the mix-in-place process) to high-quality material with greater resistance to water and frost, as well as increased compressive, tensile and shearing strength. The method is environmentally friendly as it uses existing materials; only the binder (such as lime or cement) is added. Haulage of removed and replacement materials to and from site is eliminated. Stabilizer attachment units can be used on dam projects, for embankments, haul roads, highways, car parks or industrial sites. They can also be used on large-scale sites as supplementary equipment to self-propelled soil stabilizers, such as BOMAG MPH series models.

Self-financing performance:

- Virtual loss-free power transfer with a high-torque drive
- High mixing output and quality for optimum wear resistance and minimal maintenance costs
- Standardised suspension for flexible use

Traction unit specifications:

- Motor output between 150 and 250 kW
- Three-point attachment, Category III/IV
- Progressive gears (recommended)



Performance and economy.

Unworkable, weak soils are no longer a challenge to earthworks contractors. Soil stabilisation modifies poor materials into load-bearing bases, while being kind to the environment and saving energy. For maximum cost efficiency, in particular on small and medium-sized contracts, BOMAG also offers stabilizer attachments with working widths of 2,200 and 2,500 millimetres, alongside the MPH series of self-propelled stabilizers.



The secret of high efficiency in modern stabilizer attachments lies in the PTO shaft which transfers the tractor units engine output, virtually loss-free, to a central PTO gearbox and on through two universal drive shafts to the external drive. The milling and mixing rotor, which is equipped with up to 104 teeth, is connected mechanically to the external gear so difficult materials can be handled with working depths of up to 400 millimetres. Stabilizers attached to the side provide a consistent milling depth.

The high-performance PTO gear was developed especially to meet the high demands of everyday site work. A good example is permanent oil bath lubrication – including both external gears. Any wear, with the associated high costs of maintenance, is minimised long-term. Generously sized tempered steel teeth located in the external gears also ensure virtual loss-free power transfer and low running costs. Mechanical overload protection safeguards the tractor unit against damage from hidden obstacles in the ground.

Attachment.

In addition to its high performance and mix quality, the BOMAG stabilizer attachment is quick and easy to install on the tractor. This feature is highlighted when the tractor is used for different jobs on site. Easily uncoupled in just a few steps, the tractor is soon ready to handle a range of other jobs.

Attachment is by a standard, hydraulic three-point suspension: Category III/IV. A cushioned upper link

connection protects the unit against operating stresses.

The attachment method enables:

- Simple operation
- Stable and safe transport
- Quick and easy control of all working adjustments



Designed to work in harmony.

Tractor units are well cared for with BOMAG stabilizer attachments, starting with the weight which is under four tonnes even with model BSF 2500. The tractor should meet the following specifications for optimum performance:

- Progressive gears for optimum power transfer at maximum working speed – avoids damage to the coupling
- A Category III 3-point attachment
- Hydraulic upper link to adjust the inclination of the stabilizer
- Two double-acting valves to operate the hydraulic rotor flap and upper link
- The PTO shaft speed to comply with standard international 1000 min⁻¹
- Front ballast weight for improved traction
- Blocking capability on sprung front axes, also for better traction

For use with de-mountable stabilizers, BOMAG recommends tractor engine outputs of:

BSF 2200: 150 to 250 kW

BSF 2500: 170 to 250 kW



Your benefits.

BOMAG stabiliser attachments come with the expertise of an internationally established dealer network, which offers an economical and quick supply of spare parts and service network, wherever your machine is operating.

- Maintenance-free gearbox
- Overload protection
- Standardised three-point suspension
- Virtual loss-free power transfer
- High protection against damage
- Low load on the towing unit
- High pulverising and mixing performance
- Low running costs
- Easy operation

Construction people throughout the world trust in the **BOMAG** name. The company has been part of the **FAYAT** Group since 2005. BOMAG has six branches in Germany and eleven independent

subsidiary companies across the globe. More than 500 dealers in over 120 countries guarantee global distribution and service for BOMAG equipment.



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