ENGLISH



Ready to REMOVE

BeachTech®

SIMPLE PRINCIPLE – MAJOR EFFECT

BeachTech screening machines remove unwanted objects and potential dangers from sand and screenable soil – and by doing this, they make the environment cleaner and safer.

Ready to REMOVE









Versatile
BeachTech screening machines can be used in a variety of application areas.

Economical
Our extensive product portfolio offers the right model for cleaning areas of any size in a way that saves time and money.

Thorough
BeachTech machines can remove objects that are on and underneath the surface.

Simple
BeachTech screening machines are easy to operate.

Powerful
BeachTech cleans areas of up to 30,000 m² per hour.

Durable
The rugged and high-quality design gives our machines a long service life.

BeachTech®

COMPATIBLE WITH A VARIETY OF APPLICATIONS

BeachTech provides solutions for efficient and thorough beach cleaning. Even when not on the beach, our screening machines can remove nuisance and dangerous objects from the soil.



Beaches

- Efficient and thorough cleaning, even below the surface
- Clean and hygienic beaches
- A safe vacation experience for your guests



Playgrounds and sports grounds

- Safe environment for playing
- Improves sand quality without replacing it
- Maintains a clean appearance



Equestrian sport

- Stones and other dangerous objects are reliably removed
- Clean soil is safer for horses and riders
- Maintains soil quality by removing unwanted vegetation



Sod

- Removal of fine stones keeps the sod rock-free for a long time
- Higher quality of the sod rolls
- Reduced wear on harvesting machines



Agriculture

- Do away with herbicides by removing weeds mechanically
- Stone-free soil is gentler on your harvesting machines and reduces wear and costs
- Higher yield and better quality of the crop



Water filtration retention ponds, golf courses and shooting ranges

- Cleaning water filtration retention ponds
- Golf course bunker cleaning
- Collecting munitions at shooting ranges

THOROUGH CLEANING

BeachTech screening machines remove small contaminants, such as cigarettes, bottle caps and broken glass. Even larger objects, such as plastic bottles, floating refuse and seaweed, and vegetation and stones, are removed.

Removes everything

Thanks to various screen sizes, BeachTech screens out small particles as well as larger objects.

Deep-reaching

BeachTech works up to 30 cm below the soil surface to pick up contaminants and screen them out.

Flexible

Thanks to our cleaning systems, various machine sizes and flexible options for setting the working depth, BeachTech offers the right solution for any operating conditions.

Rugged

Due to their rugged design, the machines are unscathed by stones, salt water and abrasive sand.



CLEANING TECHNOLOGY FOR ANY SOIL COMPOSITION



Raking technique

- Allows higher working speeds
- Cleans the top layer of sand
- Allows cleaning of wet or heavy sand



Screening technique

- Cleaning down to a depth of 30 cm
- Removes even the smallest particles
- Allows cleaning when the sand is fine-grained or dry



Combined cleaning technology

- Stepless changing between the raking and screening techniques depending on the soil composition; so you always get the best cleaning results

Pick-up blade

The screenable soil and contaminants within it are picked up.



Pick-up blade, pick-up roller with spring tines



Pick-up blade with transport system unit

Screening unit

The sand-waste mixture is transported to a screening unit. The clean sand falls back to the ground.



Screening belt



Screening sheet metal

Hopper

Everything that has been screened out is transported into the hopper and can then be conveniently dumped.



Hopper with debris

Finisher

The finisher smooths the surface and leaves behind a homogeneous structure.



Finisher

OVERVIEW OF MODELS



Self-propelled screening machines

Agile: Due to its three-wheel design, the machine can turn on the spot.

Comfortable: The air-conditioned cab has ample room and storage space. Working long shifts is no problem thanks to the ergonomic driver's seat.

Easy to operate: The joystick and control panel make it easy to operate all the functions. The camera system lets you to keep an eye on the area behind the machine as well as the screening unit and the hopper at all times.

	Engine power	Working width	Hopper volume	Area coverage
BeachTech 5500	55 kW | 74 hp (2,400 rpm)	1,600 mm	1.5 m^3	up to 19,000 m^2/h



Tractor Towed screening machines

You are covered: The towed BeachTech machines cover areas at a rate of up to 30,000 m^2 per hour and are ideal for cleaning surfaces of any size.

Works with your vehicle fleet: Depending on the model, the screening machines can be hitched to tractors with 35 metric HP or more.

Up for the challenge: Thanks to the various cleaning technologies and different screen sizes, you achieve the best cleaning results under all operating conditions.

	Engine power tractor	Working width	Hopper volume	Area coverage
BeachTech 3000	from 74 kW | 100 hp	2,500 mm	4.7 m^3	up to 30,000 m^2/h
BeachTech 2500	from 59 kW | 80 hp	2,500 mm	2.8 m^3	up to 30,000 m^2/h
BeachTech 2000	from 55 kW | 70 hp	1,850 mm	1.5 m^3	up to 22,200 m^2/h
BeachTech 1500	from 55 kW | 70 hp	1,600 mm	1.5 m^3	up to 19,000 m^2/h
BeachTech 1000	from 25 kW | 35 hp	1,250 mm	0.4 m^3	up to 10,000 m^2/h



Walk-behind screening machines

Maneuverable and flexible: These practical models turn on a dime and effortlessly maneuver around obstacles.

Meticulous: The screen with particularly fine mesh removes even the smallest dirt particles.

Multifunctional: A wide variety of available attachments turns your Sweepy into a sweeper, mower and much more in no time.

	Engine power	Working width	Hopper volume	Area coverage
BeachTech Sweepy	7.1 kW | 9.6 hp	1,050 mm	44 l	up to 4,200 m^2/h
BeachTech Sweepy Hydro	7.1 kW | 9.6 hp	1,050 mm	44 l	up to 4,200 m^2/h

WHY CUSTOMERS TRUST BEACHTECH



Maintenance-friendly

The use of high-quality and low-maintenance components decreases service costs and down-time during the season. The increased efficiency saves you both time and money.

Corrosion protection

The BeachTech models have been built to withstand the extreme conditions of salt water, sand and high humidity. The combination of galvanization and paint layers ensures our machines have a long service life.

Paint

Undercoat

Galvanisation

Worldwide service

With more than 130 service stations worldwide, our dedicated team is on hand with help and advice for you if service is needed.

Certified quality

All BeachTech products are CE certified and therefore fulfill the highest safety standards. Kässbohrer Geländefahrzeug AG is ISO 9001- and ISO 14001-certified.



Road certification

Our vehicles can be certified for road use in many countries either individually (with an existing expert‘s report) or by means of an EU type approval.



Spare parts

You can conveniently order spare parts at any time from our online shop. Thanks to the high spare part availability in our warehouse and worldwide express shipping, you get the parts when you need them.



Vehicle safety

Your safety is our top priority: Our audio warning system alerts you to malfunctions, such as low oil level, high temperature or overpressure. The hopper is secured by load retaining valves during maintenance and dumping, and pressure relief valves protect your hydraulics. All danger zones are marked.



Digitalization

All cases of maintenance and service on our vehicles are seamlessly documented in our digital service portal. There, you can also find operator‘s manuals and maintenance instructions, customer information, online training videos and many additional functions, which simplify your maintenance processes.

COMPREHENSIVE SOLUTIONS FOR THE ENVIRONMENT AND TERRAIN

For more than 30 years, BeachTech has been the world‘s leading provider of machines for cleaning beaches, coasts and screenable soil. Our goal here is to offer our customers reliable solutions they can use to create clean and safe environments for both humans and animals.



As part of Kässbohrer Geländefahrzeug AG, we benefit from many years of experience in developing and manufacturing off-road machines. We are continuously improving by listening, asking questions and making adjustments. We offer our customers innovative products, which are created based on their requirements. In the process, we always make sure that our actions are sustainable. For example, we use wide-base tires for BeachTech to minimize the ground pressure and ensure that the machines do not damage the sand or soil during operation. In addition, our BeachTech machines can be filled with biodegradable hydraulic oil. Likewise, Kässbohrer Geländefahrzeug AG relies on alternative fuels, such as HVO, for its other products, on renewable energies at our locations and on coordinated training programs to ensure that our products are used in a manner that conserves resources.

Brands

Those brands are part of the Kässbohrer company:



BeachTech®

Machines for cleaning sand and screenable soil



PowerBully

All-terrain tracked vehicles for transporting heavy payloads through rough terrain



PistenBully®

Snow groomers for the preparation of ski slopes and cross-country ski trails

snowsat®
SOLUTIONS FOR DIGITAL SKI WORLDS

Cross-domain digital solutions for the skiing industry

PRO ACADEMY

Training and consulting for the sustainable use of our products

COMPOSITES

Manufacturer for fiber composite materials

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