INSTALLATION
OF ARTIFICIAL TURF

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SandMatic B2005

Ride-on machine for the filling of artificial turf.
Capacity 1,500 kg; working width 1,400 mm

The self-driven SandMatic B2005 spreads and fills artificial turf surfaces with sand, rubber and organic infill material using its innovative load technology and convector belt. The Sandmatic B2005 is particularly suited for high-volume filling of small to medium-sized fields with a width of up to 26 m. The operating pressure of up to 55 bars.

The central pressure can be varied from left to right, thereby ensuring homogeneous spreader performance. The machine is driven hydraulically by a 16-kW (22 HP) Kubota diesel engine. The weight is ecologically designed for lower floor loads and pressure losses. Thus, the area pressure of the grader weight of the tractor is adjusted to the task permissible ground pressure.

<table>
<thead>
<tr>
<th>Drive</th>
<th>Max. lifting weight</th>
<th>Spreading performance</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-cylinder Kubota diesel engine, water-cooled</td>
<td>1,000 kg</td>
<td>2.5 - 40 kg/m²</td>
<td>1,050 kg</td>
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<tr>
<td>Dimensions</td>
<td>L 3.420 x W 1.800 x H 2.100 mm</td>
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</tbody>
</table>

SandMatic B2005D

Ride-on machine for the filling of artificial turf.
Capacity 800 kg; working width 1,000 mm

Sandmatic B2005D is a compact automatic self-driven filling machine that produces exact coverage of sand and rubber on synthetic artificial turf surfaces. It delivers high-quality, uniform mixing ratios. The filling effect is determined – with the filling power between 1 and 6 m²/min.

The working width is 1,000 mm. The machine is driven by a 3-cylinder diesel engine with a performance of 16 kW (22 HP) and a comfortable drive seat with adjustable seat position. Clear view for working and ergonomic operation.

<table>
<thead>
<tr>
<th>Drive</th>
<th>Spreading width</th>
<th>Max. filling weight</th>
<th>Spreading performance</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>2-cylinder Kubota diesel engine, water-cooled</td>
<td>1,000 mm</td>
<td>2.5 - 40 kg/m²</td>
<td>900 kg</td>
<td></td>
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<tr>
<td>Dimensions</td>
<td>L 3.300 x W 1.400 x H 1.300 mm</td>
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<td></td>
<td></td>
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</tbody>
</table>

Art. No. 473209

Art. No. 473209D
SandMatic

B1505RC/ECO

Self-propelled, radio-controlled/handsteering machine for the filling of artificial turf.
Capacity 1,500 kg; working width 1,400 mm

The SandMatic B1505 fully meets the special demands placed on it by ultra-modern artificial turf surfaces and even when the pile is extremely high the prescribed amounts of sand or granulate will be exactly distributed and worked into the system. A slide valve enables the quantity of material strewn to be constantly variable with sand from 2.5 - 40 kg/m² and rubber from 0.5 to 15 kg/m².

Driving speeds from 1 m/min to 15 m/min make the machine flexible in use. The machine is driven by a 3-cylinder Kubota diesel engine with integrated hydraulic cooling system with a performance of 16.1 kW (22 HP). All functions can be controlled manually by means of the operating panel.

Spreading width
1,400 mm

Max. filling weight
1,500 kg

Spreading performance
Sand 2.5 - 40 kg/m² / Rubber 0.5 to 15 kg/m²

Drive
3-cylinder Kubota diesel engine / 16.1 kW (22 HP)

Weight
1,300 kg

Dimensions
L 1,800 x W 2,720 x H 1,970 mm

Subject to technical alterations

COMFORTABLE.
Radio frequency (RF) remote control for handling all functions, with a range of 100 m (B1505RC).

PRECISE.
Manual outlet lever for precisely adjusting the infill quantity.

B1505 ECO.
Cabel handsteering for controlling the infilling process and driving direction. Range up to 5 m (B1505 ECO).
**Manual Spreader**

**Manual topdresser for artificial turf.**
Capacity 200 kg; working width 800 mm

Manual spreader HS800 applies filling material to artificial turf. A sliding valve controls the amount of filling material. The top-dressing process begins as soon as the front wheels come into contact with the ground. If top-dressing did not take place, the HS800 is tilted back with the drawbar and manoeuvred on the rear wheels.

**Capacity**
- 200 kg

**Working width**
- 800 mm

**Belt Spreader**

**Ground driven spreader for artificial turf.**
Capacity 200 kg; working width 800 mm

The ground driven pull behind spreader BS800 applies dry and wet infill materials to artificial turf. The output of the infill material is adjusted by the sliding valve. The applying begins with the lowering of the container and occurs by the belt. The BS800 can be operated by various vehicles with more than 10 HP.

**Capacity**
- 200 kg

**Working width**
- 800 mm

**Spreader**

**Ground driven tractor device for the topdressing of artificial turf.**
Capacity 500 kg; working width 1,000 mm

SP1000 spreader top-dresses filling material on artificial turf. To transport the tractor raise SP1000 with the three-point hitch. For spreading the infill, the spreader is lowered and the output amounts are adjusted by the sliding valve.

**Capacity**
- 500 kg

**Working width**
- 1,000 mm

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### Table: Specifications

<table>
<thead>
<tr>
<th>Manual Spreader</th>
<th>Belt Spreader</th>
<th>Spreader SP1000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Article Number</strong></td>
<td><strong>HS800</strong></td>
<td><strong>BS800</strong></td>
</tr>
<tr>
<td><strong>Max. filling weight</strong></td>
<td>100 kg</td>
<td>170 kg</td>
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<tr>
<td><strong>Dimensions</strong></td>
<td>L: 1,220 x W: 1,044 x H: 826 mm</td>
<td>L: 1,850 x W: 1,030 x H: 1,600 mm</td>
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</tbody>
</table>

Subject to technical alterations.
Oscillating brush

Brushing attachment for filling material, intensive erecting and sweeping of artificial turf fibres.

Working width 1,700 mm.

The oscillating brush OS1700/PTO attachment is designed to straighten up the fibre and brushes the soil underneath the artificial turf system. The oscillating movement of the brush unit allows multi directional work. Its oscillation can be used for the very powerful oscillating brush feature. It has been used for this purpose for years; it is available as “against” and “with” the pile. Adjustment spindles are also precisely adjusted the working depth to the pile height. The OS1700/PTO attachment provides more support by stabilizing the artificial turf homogeneously by straightening the artificial turf surface.

The OS1700/PTO attachment can be used with brushes of different hardness/stiffness for loosening the soil underneath the artificial turf surface. The very same oscillating brush feature, which has been used for years, is also available as “against” and “with” the pile. Adjustment spindles are also precisely adjusted the working depth to the pile height. The OS1700/PTO attachment provides more support by stabilizing the artificial turf surface homogeneously by straightening the artificial turf surface.

The OS1700/PTO attachment can also be used as a sweeping brush for the maintenance of the artificial turf surface just by switching off the oscillating movement of the brushes. The working width is 1,700 mm.

**FLEXIBLE.**
Different hardness/stiffness brushes available for all kinds of requirements, easy to change.

**HYDRAULICS.**
OS1700 with 3-point rear attachment system, hydraulic drive.

**PTO ADAPTOR.**
OS1700PTO with 3-point rear attachment system, drive via PTO shaft.

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**Art.-No. 6212168 (hydraulic) / Art.-No. 6211848 (PTO)**

**OS1700**

Brushing attachment for filling material, intensive erecting and sweeping of artificial turf fibres.

**Working width 1,700 mm.**

**HYDRAULICS.**
OS1700 with 3-point rear attachment system, hydraulic drive.

**PTO ADAPTOR.**
OS1700PTO with 3-point rear attachment system, drive via PTO shaft.

---

**Art.-No. 6212168 (hydraulic) / Art.-No. 6211848 (PTO)**

**OS1700**

**HYDRAULICS.**
OS1700 with 3-point rear attachment system, hydraulic drive.

**PTO ADAPTOR.**
OS1700PTO with 3-point rear attachment system, drive via PTO shaft.
Art.-No. 6223514

TurfGuard

TG2

One-axle for the filling, maintenance and expansion of artificial grass.

The TurfGuard TG2 has a raised conveyor belt and cruise control for artificial grass. The TG2 is powered by a powerful 8.0 kW (10.9 PS) gasoline engine.

The TurfGuard TG2 has 2 cable connections for a speed-dependent oil quantity, e.g. for a brush. The TG2 can be steered in narrow areas and can also be used for high pressure cleaning. In addition, the TG2 can be steered in a narrow space with the swivel handle during slow travel. The steering stabilizes, resulting in better straight-ahead travel.

The TurfGuard TG2 has a total of 10 connections and a return line. 2 connections have a speed-dependent oil quantity, e.g. A spreading roller or a brush, which is dependent on the driving speed. For additional 3 connections, the operator can use additional functions, different attachments. The valve levers can also be fixed in the front or rear position, e.g. for a freezer brush, snowmachine.

Its compact dimensions, the tight turning circle and the large number of connections make the TG2 perfect for use on small playing fields, tennis, paddle tennis or football.

Traction drive

Hydrostatic drive

Motor output

1-cylinder gasoline engine / 8 kW (10.9 PS)

Hydraulics

Attachment - Supply 100 bar - 16 l / min

3 Free connections

2 cable connections

1 Separate return line

Weight

260 kg

Dimensions

L 1,223 x W 765 x H 1,116 mm

Subject to technical alterations

TurfGuard

TG2 OPTIONAL ATTACHMENTS

RotoTine RT900

Attachment for loosening the artificial turf. Working width 900 mm

OS1100

Oscillation brush OS1100 to brush sand/rubber/organic infilling material into artificial grass.

TurfSaw TS350

Cutting machine for artificial turf with or without infilling material.

OS1100 Spreading unit

Optional OSS Spreading unit to spread sand/rubber/organic infilling material into artificial grass.
TOOLS AND DEVICES
FOR THE INSTALLATION OF ARTIFICIAL TURF

CONTENTS

Handling

TurfGrip
Gripping tongs for a fast and easy installation of artificial turf.

TurfFix
Tool for fixing the points of artificial turf to an underline.

Cutting

LineCutter
Tool for cutting a line in artificial turf.

CircleCutter
Tool for cutting a circle in artificial turf.

EC1
Electric cutting device for lines and curves in artificial turf.

Glueing

GlueFix
Glue applicator for glue coating of seam tape for artificial turf.

LineFix
Pressure tool for a solidified connection between artificial turf and glue-coated seam tape at the lines.

SeamRoller
Pressure roller for uniform pressing of artificial turf at seam tape during glueing.

FieldTester
Easy to use device for measuring hardness, stability and durability of sports surfaces.

TurfSet
Tool set for the installation of artificial turf.

TR5000AW
Self-propelled cart with hydraulic lifter for the transport, up- and unrolling of artificial turf.

TR5000
Cart with hydraulic lifter for the transport and rolling out of artificial turf.

Tools and devices

HANDLING

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Gripping tongs for a fast and easy installation of artificial turf.

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TR5000
Cart with hydraulic lifter for the transport and rolling out of artificial turf.
Tools and devices

**CUTTING**

**LineCutter**
Tool for cutting of variable widths of straight lines and circular lines in artificial turf
Art.-No. 4400087

**CircleCutter CC1**
Tool for cutting of variable widths of straight lines and circular lines in artificial turf
Art.-No. 6400081

**CircleCutter CC2**
Tool for cutting of variable widths of straight lines and circular lines in artificial turf
Art.-No. 6400208

**GrassCutter**
For proper cutting alongside of existing track seams of artificial turf
Art.-No. 6400196

**EdgeTrimmer ET1**
For proper trimming of artificial grass strips, handling per stick or hand
Art.-No. 8900059

**EdgeTrimmer ET2**
For proper trimming of artificial grass strips, handling per stick
Art.-No. 6221115

**Knife blades**
Knife blade-set of 10 pieces
Art.-No. 3201867

**Cutter**
Art.-No. 3201270

**EdgeTrimmer ET3**
For proper trimming of artificial grass strips, handling per stick
Art.-No. 6400068

**Extra blades**
Knife blades set of 10 pieces
Art.-No. 6400067
**ElectroCutter**

- **FLEXIBLE.**
  - Pivoting cutting unit for the trimming of artificial turf or cutting marginal areas.

- **CUTTING.**
  - Sharpening system for cutting blades.

**Electric cutting device for lines and to trim artificial turf.**

The electric cutter EC1 cuts lines and shapes in all popular artificial turf systems. Both cutting units are equipped with counter knives and an integrated sharpening system. Counter knife principle allows for extremely precise and fast cut, and the integrated sharpening system ensures an extremely long service life of the cutting blades. When using both cutting units at the same time, both cutting units can be programmed with the speed of up to 1 m/sec. The height-adjustable floor opening prevents the cutting of the artificial turf fibre.

The optional CircleGuide for cutting intersecting radii may be installed. A height-adjustable pivot prevents slipping. For trimming the artificial turf in a cutting unit is retracted upward. For cutting areas around the edges, EC1 is equipped with push button and ensures a precise cut in relation to curbs and drains.

**Cutting capacity**
- up to 1 m/sec

**Chassis**
- Aluminium construction, plastic coated

**Drive**
- Single phase motors, 400 W / 18 V / 4 Ah-Li Ion
- Duration: approx. 3 h

**Weight**
- 24 kg

**Dimensions**
- L 1,100 x W 650 x H 900 mm

Subject to technical alterations

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**CircleGuide CG1 (optional)**
- Central pivot with rollers, rotating plate, case, pivot for radii up to 9,50 metres.
- Art.-No. 6211583
Tools and devices

GLUEING

LineFix LF1
Pressure tool for a solidified connection between artificial grass and glue-coated seam tape at the lines; inserting the lines at the same time; scalable also for angles
Art.-No. 6220771

GlueFix GF150
Glue applicator for glue coating of seam tape for artificial turf. Mobile version
Art.-No. 6400153

GlueFix GF300W
Glue applicator for glue coating of seam tape for artificial turf. Mobile version, range up to 300 mm
Art.-No. 6211618

SeamRoller SR300
Pressure roller for uniform pressing of artificial turf at seam tape during glueing
Art.-No. 6211834

Ballramp
Foldable aluminium ball ramp to measure ball roll and ball rebounce
Soccer and hockey
Art.-No. 6400306

Tools and devices

GLUEING

GlueFix GF300
Glue applicator for glue coating of seam tape for artificial turf. Stationary version
Art.-No. 6400098

Delinova
Computer-controlled tool for measuring ball roll and ball rebound
Art.-No. 6400266
TurfSet

Tool set for the installation of artificial turf.

Art.-No. 6400078

LineFix LF1
Pressure tool for a solidified connection between artificial grass and glue coated seam tape at the lines; inserting the lines at the same time; usable also for seams.

CircleCutter
Tool for circular cutting in artificial turf.

GlueFix GF300
Glue applicator for glue coating of seam tape for artificial turf. Stationary version.

LineCutter
Tool for cutting of variable width of straight lines and circular lines in artificial turf.

TurfGrip (2x)
Gripping tongs for a fast and easy installation of artificial turf.

GrassCutter
Proper cutting alongside of existing track seams of artificial turf.

FloorTest FT50
Measuring tool for synthetic sports surfaces and infilled artificial turf surfaces. Range 0 – 50 mm.

Measuring tape (100 m)

Safety Cutter (3 x)
Knife blades (50 x)
5 sets of 10 pieces.

EdgeTrimmer ET1
For proper trimming of artificial grass strips; handling per stick or hand.

EdgeTrimmer ET2
For proper trimming of artificial grass strips; handling per stick.

TurfSet
Art.-No. 6400178
Tool set for the installation of artificial turf.
TurfRoller

TR5000AW

Self- propelled cart with hydraulic lifter for the transport, up- and unrolling of artificial turf.

According to the established TurfRoller procedure TR5000AW takes over transport and rolling out of synthetic turf rolls. It can also lift artificial turf up – for example, for artificial turf removal. For this purpose TR5000AW is equipped with 2 strong lift cylinders on both sides and fitted hoist with different intake tools. The winding and driving speeds are controlled separately for each trolley.

Similar to TR5000, the steering mechanism allows to manoeuvre the trolley in all directions, and thanks to that artificial turf can be transported through narrow entrances or gates.

FLEXIBLE.
Different intake tools, individually at the request of the customer.

DRIVE.
Hydraulic traction drive, 120 degrees pivoting.

MOTORISATION.
4-stroke-petrol-engine with 8.6 HP.

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Subject to minor alterations.

Art.-No. 6215939

<table>
<thead>
<tr>
<th>Engine</th>
<th>1-cylinder petrol engine</th>
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<tbody>
<tr>
<td>Drive</td>
<td>hydraulic drive forward/reverse</td>
</tr>
<tr>
<td>Lifting height</td>
<td>400 mm</td>
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<tr>
<td>Lifting power</td>
<td>approx. 1,500 kg</td>
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<tr>
<td>Weight</td>
<td>585 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>L 1,400 x W 1,000 x H 1,400 mm</td>
</tr>
</tbody>
</table>

Subject to technical alterations.
Art.-No. 6400214

WORKING WIDTH.
Artificial turf roll widths from 1.0 to 5.0 m and a weight up to max. 1,500 kg are possible.

By using the TurfRoller TR5000 for laying of artificial turf the user will benefit from a considerably reduced work-load because this device makes the transport and laying of turf rolls very easy.

Traditionally, artificial turf track installation is characterized as labor-intensive, and energy- and time-consuming. To combat this disadvantage the TurfRoller TR5000 allows a precise positioning and laying out of a turf roll resulting in a subsequent adjustment nearly unnecessary.

The TurfRoller TR5000 is able to easily lay artificial turf rolls of up to 5 m wide. TurfRoller TR5000 consists of two carts. Each cart is equipped with four steerable double pneumatic tires being controlled by a drawbar.

The minimal surface pressure on the subbase is guaranteed and thus the transport on unbounded elastic layers is an effortless business.

With this clever steering mechanism, TR5000 is variable and precise to maneuver in all directions.

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>6400214</th>
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<tr>
<td>Lifting height</td>
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<tr>
<td>Lifting power</td>
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<tr>
<td>Weight</td>
<td>370 kg</td>
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<tr>
<td>Dimensions</td>
<td>L 1,250 x W 850 x H 1,250 mm</td>
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Subject to technical alterations.