

Artificial turf cleaner SKU

For front or rear assembly



Filled artificial turf is influenced by the environment from the first day on. Dust, pollen, rests of plants and abrasion material are washed by rain into the fine cavities of the filling. The result of this process is a total hardened surface with no longer water permeability. The covering infiltrated with particles of humus causes the ideal breeding ground for algae and moss. An artificial turf that got dirty like that can no longer meet its purpose. It exists an extreme danger of slipping and with that a not calculable accident risk. Only with constant maintenance and care a filled artificial turf can keep permanently its favourable quality and can be used effectively for many years.

For an effective care it is necessary to pick up the filling material off the turf pile in regular intervals. Coarse soilings are to be sieved and fine dust filtered. The bent turf fibres shall be reset upright and the filling material brought back to the turf fibres for stabilization. The surface shall show an even sight after treatment.

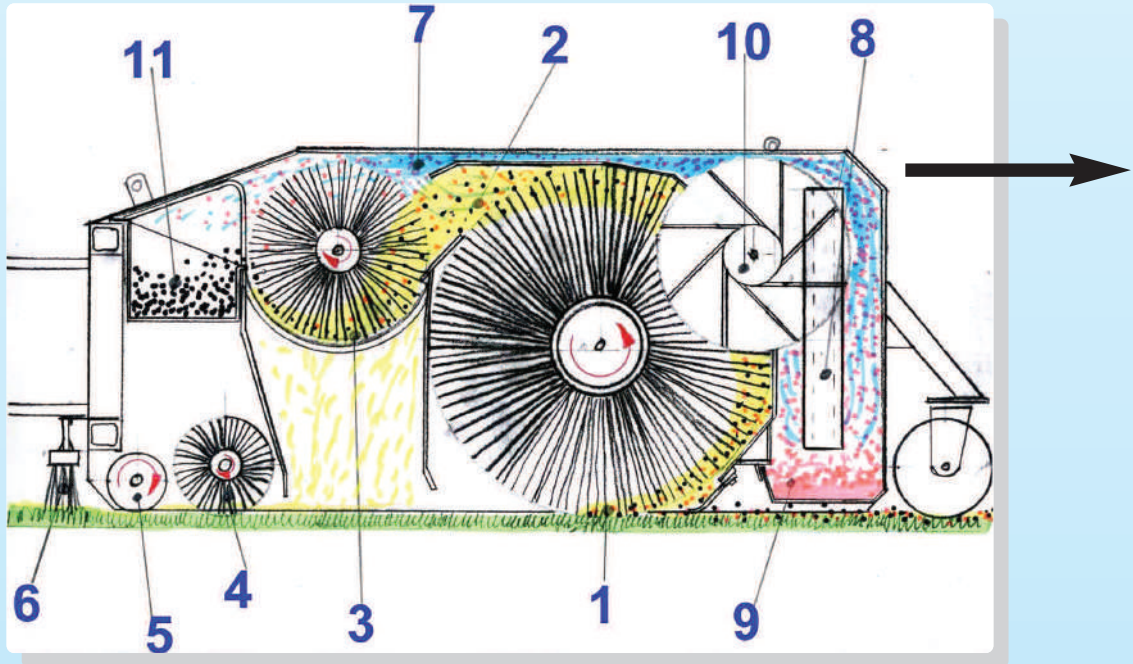


To be able to work reliable and inexpensive we developed our artificial turf cleaner SKU as an assembling unit for compact tractors.

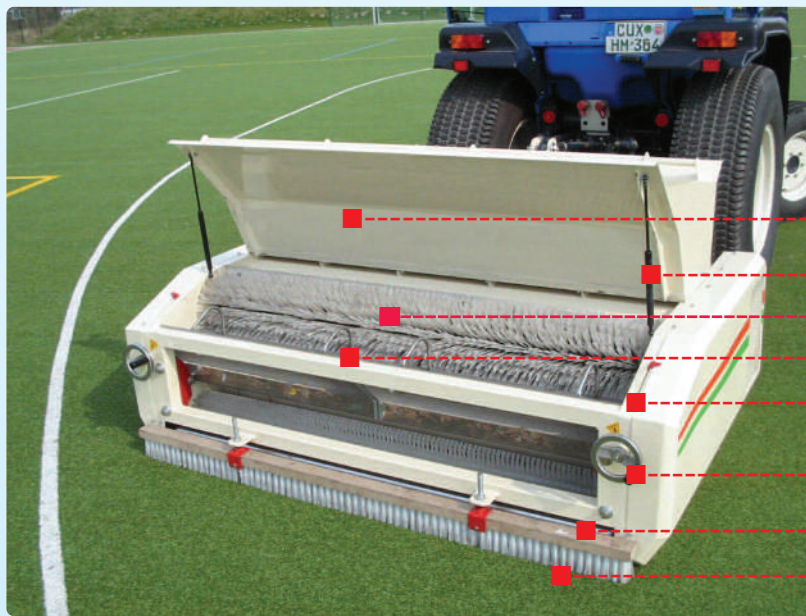


Functioning SKU

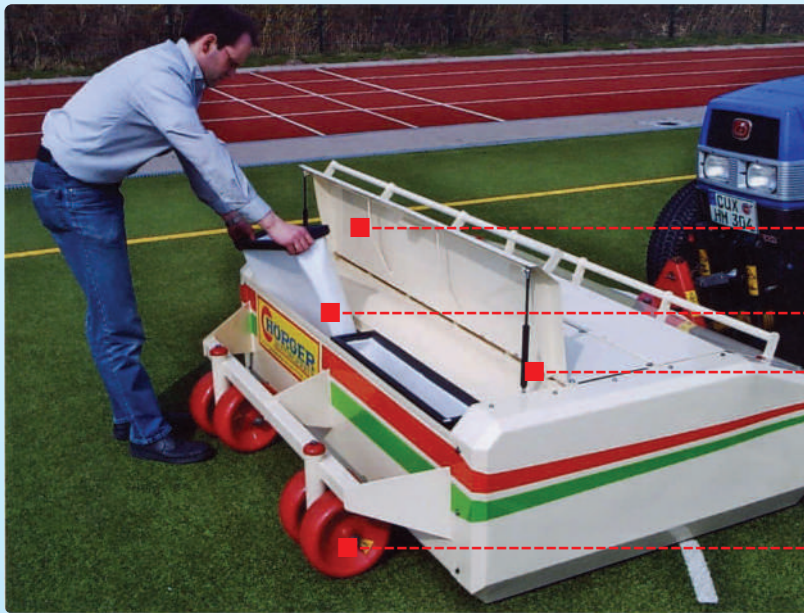
The cleaning unit is a compact unit. All construction parts are fitted in one unit which can be assembled within seconds to the front or rear lifting on usual compact tractors. The drive is given by the front or rear drive shaft. The front assembly will enable a better overview at work. Rear assembly is preferred if the tractor does not have the necessary lifting power for front assembly. Transport shall only be effected with lifted cleaning unit.



1. The soiled filling, sand, rubber granules or a mixture of both is picked up from the turf pile by means of a rotating brush.
2. The soiled filling is carried to the cleaning. Dust is divided from the filling. The cyclone effect prevents that filling infiltrates the filter range.
3. The filling is carried over a replaceable sieve, coarse soilings like e.g. crown cork, ice handles, shards of glass, stones, cigarette ends, foliage etc. are sieved from the filling. The filling falls back to the turf pile. Sieves can be obtained in different hole widths.
4. The bent artificial turf fibres are set upright by a brush roller which works depending on drive speed.
5. The support roll drives the brush roller.
6. An adjustable broom strip smooths the surface.
7. Fine soilings and dust particles are divided from filling by cyclone effect and carried to the suction channel.
8. The filter consists of two filter bags which can easily be withdrawn. The filter bags are made of a special fleece with an arithmetical active surface of up to approx. 10 m². The filterbags are available in different pore size qualities.
9. The bottom of the filter room can easily be opened so that the space can be cleaned with little effort and if necessary also be rinsed.
10. The exhaust fan causes the necessary vacuum for drawing off the dusty air and separating dirt into the filter bags.
11. The sieved dirt like e.g. crown corks, ice handles, shards of glass, stones, cigarette ends, foliage etc. are collected into a dirt box which can easily be emptied.



- Opened lid of sieve room
- Gas compression spring for lid of sieve room
- Brush roller for coarse soiling sieve
- Box for coarse soiling
- Millimetre scale for adjustment of work height
- Hand wheel for adjustment of work height
- Supporting roll
- Rear broom strip height adjustable



- Opened filter room flap
- Filter bags for easy withdraw
- Gas compression springs for filter flap
- Steering stabilizing wheel

Artificial turf cleaner SKU for sand filled or granule filled artificial turf

There are three different processes that can be done with this machine due to its big brush diameter of 500 mm.

1. Maintenance cleaning:

Depending on weather every two to four weeks.

Coarse soiling and accumulated dust as well as abrasion is removed.

2. Intensive cleaning with loosening:

About every 3 months.

Coarse soiling is removed, fine particles like dust, plant rests and abrasion is filtered, filling is loosened, elasticity and drainage effect is maintained.

3. Reactivation of a surface untreated for several years:

The hardenings are broken up, most of the filling is taken up, loosened, led back and extensively brought back into the turf pile. Coarse soiling is removed, fine particles, responsible for hardenings, are filtered. The hardened filling is loosened, the artificial turf is loose and flexible again, accident risk decreases and drainage effect is repaired.

Work width 1.50 m

Tractor power from 11 kw / 15 HP

Front drive shaft propulsion 1000 or 2000 rpm

Rear drive shaft propulsion 540 rpm

Necessary lifting power approx. 400 kg

(subject to changes in technology, shape and equipment)

Further machines from our product range



Athletic track cleaner KBR

For high pressure cleaning of synthetic surfaces with simultaneous pick up of dirty water in one working stage. Soilings in the pores of the athletic track are removed by circling nozzles and sucked up at the same time. So the advantages of these coverings like water permeability, anti-slipness, reduced accident risk is restored.



Artificial turf cleaner SKR

For wet cleaning from full artificial turf as well as for renovation of filled artificial turf. Soiling in full artificial turf is disposed in a wash and brush process with high pressure, picked up immediately and pumped into the assembled rear tank. The artificial turf cleaner SKR is also suitable for renovation of filled artificial turf. Here the filling material is sucked out of the turf in the same way and can be removed.



Wash girder assembly SBV

For high pressure cleaning of strong surfaces. Soiling is hosed off with high pressure. The front cleaning unit can be extended with hydraulic to the left or right, so that a work width of 1.40 metres up to 2.10 metres can be realised.



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