

airter® can solve your lawn problems

Thanks to its innovative design, floor ventilation concept and continuous operation, the machine offers a new solution for the maintenance and improvement of football field and golf courses.

airter®
Empowering Sports Turf

Various lawn diseases:

A professional lawn often suffers from lawn diseases that affect the use of different pesticides required.

Limited use of lawn:

The grass base layer is compacted by the continuous use of machines and the sports operation (user). This can lead to waterlogging. The waterlogging reduces the possibility to use the lawn more often and worsens the health and growth of the lawn.

Limited effective working time:

In order to work on the large areas, the employees have little time and the work has to be carried out in daylight. Golfers do not appreciate the noise of the machines and the football field could be better used.

Large water consumption:

With the traditional method (aerification with hollow spoons), the lawn surface dries out much faster and requires massively more irrigation water for maintenance. This leads to a higher irrigation interval and thus increases the costs for water and operation.

Greens after machining not optimal:

After processing with conventional aeration machines, the greens are not optimally playable (hollow and full tines) because small holes and unevenness leave the greens bumpy.

airter® “loosens” your problems and reduces costs!

Healthy root growth: By supplying the root area with oxygen and simultaneously homogeneous loosening, airtter® produces more root mass.

Better drainage effect: The homogeneous loosening of the soil allows better and significantly more sustainable water permeability.

More use: A more robust lawn plant with deeper and healthier roots increases the shear strength of the turf scar and allows more play.

Good area performance: Due to the worldwide unique continuous pneumatic mode of operation of the airtter®, a large lawn area (1 football field = 1 day of work) can be worked quickly and efficiently for the first time.

More beautiful greens: The airtter® performs a surgical procedure that is hardly visible and perceptible, but has a great positive effect on the ground.

- More beautiful greens for the image of the golf course
- Less use of pesticides for environmental protection
- Reduction of waterlogging for more use
- Faster operation for less play obstruction
- Less irrigation needed to conserve resources

NEW:
The solution for
more beautiful
greens and
football turf



Cost savings thanks to the use of airter®

In addition to a better, more durable and more beautiful lawn, the annual maintenance costs can be **reduced by up to 10%** with the airter®.

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Advantages for golf courses

- Less water consumption due to reduced irrigation during the growing season
- Less pesticide use due to reduced disease infestation
- Less effort for repairing damaged areas in the lawn
- Reduction of grass seeds for the continuous sowing of the field
- Reduction of the costs for the removal of aeration urate
- Fewer aeration passages due to the high quality and sustainable loosening
- Better greens and fairways lead to more new members and increase the satisfaction of existing members

Advantages for premium stadiums and football fields with high maintenance requirements

- Less water consumption due to reduced irrigation during the growing season
- Less pesticide use due to reduced disease infestation
- Less effort for repairing damaged areas in the lawn
- Reduction of grass seeds for the continuous sowing of the field

Important: A complete replacement of the grass in a stadium by disease infestation, which could have been prevented by airter®, costs approx. € 100,000. The savings increase according to the number of football fields.

Scientific studies with various universities and institutions have been launched and are already showing very good results.

Long-term studies are in progress. These studies can be requested from us.

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