

## From the inventors of professional turf maintenance.

As manufacturer of professional specialised machines, our whole passion is devoted to turf. No matter whether on the golf course, in the large sport stages of the world or in local municipalities – the care of professionally used turf is something we hold very dear. We have made this passion our profession, and thanks to our experience and know-how, we have also been able to expand our expertise to include artificial turf maintenance as well as dirt and snow removal.

Our high-quality mounted equipment for compact tractors and municipal equipment carriers provide complete solutions for turf regeneration as well as the collection or removal of grass and leaves. Highly specialised mowing machines, turf sweepers, sweepers for snow and dirt, snow raker blades and winter service spreaders round off the product range and persuade with high efficiency and practicability. No matter what the season. No matter what the purpose – as professionals, we know what professionals need.



## TERRA FLOAT AIR

The multifunctional combined unit for all golf greens, tees and sports fields

- Loosening and aeration of the surface soil
- Incorporation of top-dress material
- Professional overseeding

Further Information:

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We love turf. [www.wiedenmann.com](http://www.wiedenmann.com)



## The advantages:



**Optimal ground adaptation**  
by the three-part design of the perforation roller.



**Dry pipes and impact plate.**  
The highly-efficient blower with precise adjustment dries the pipes and impact plates and enables reliable seed distribution.



**Uniform working depth**  
by the continuously variable tensioning of the spring burden mechanism.



**Interchangeable distribution units**  
for the optimal output of different seed types, resulting in a perceptible reduction in seed costs.



**Brush roller combination**  
for incorporating top-dress material and surface smoothing.



**Evenly spread seeds**  
by a three-dimensionally bevelled impact plate, also at short distances.



**Control module with storage function**  
that makes important input and calibration data available again for subsequent use.



**Seeds do not trickle out at**  
turning and transportation manoeuvres thanks to a switch-off sensor.

## Overview of the different functions:

### 1. Basic unit for loosening and aerating the surface with alternatively:

- A spiked roller with full spoons 5 mm and 8 mm diameter and high hole density of up to 1,500 holes/m<sup>2</sup> each
- Fine slitting tines with up to 500 slits/m<sup>2</sup>

Swivel suspension units with 53 cm working width each guarantee an optimal ground adaptation.

### 2. Brushes and roller combinations for spreading top-dress material and smoothing the surface.

Various optional brush hardnesses and a multi-dimensional swivel-suspension rear roller enables the optimal incorporation of the top-dress material and a level playing surface.

### 3. Seed distributor unit with cell distribution and pneumatically-supported output.

An exact setting and output of the seed sowing rate can be made especially for cell feeders adjusted to the seed type. The highly efficient and precisely adjustable blower frees the pipes and impact plates of interfering moisture and guides the seeds over a controlled air stream on the specially-formed impact plate. The seeds transverse through brush rails into the perforation holes and are subsequently pressed by the follow-up roller.

- The TERRA FLOAT AIR is equipped with a speed and a lifting sensor. These sensors guarantee a uniform output quantity/m<sup>2</sup> independent of the working speed and an output stop when lifted.



## One machine for almost everything. The professional turf maintenance system for everyone who expects more.

The TERRA FLOAT AIR was developed for all users with a very special claim on professional turf maintenance. This system is perfectly suitable for loosening surfaces, spreading top-dress material, and professional overseeding. The three-part perforation roller ensures optimal ground adaptation and a constant working depth also on undulating surfaces. The hold-down clamp ensures that the sward is not pulled up. Apart from different brushes and rollers, the TERRA FLOAT AIR system also contains various perforation tools. Wiedemann presents a compact machine that functions as a modular system and excels with different potential applications.

- Loosening and aeration of the surface soil
- Incorporation of top-dress material
- Professional overseeding – rollers enforce soil contact of the seeds
- Sward is not pulled up
- Secure seed drilling function with pneumatic support

TECHNICAL DATA	
Working width in mm approx.:	1,600
Hole density per m <sup>2</sup> approx.:	1,500 holes / 500 slits
Maximum working depth in mm approx.:	30
Connection:	rear 3-point hitch cat. I/II, optional carriage
Brushes:	various hardnesses available
Seed distribution:	workflow description 1 g/m <sup>2</sup> speed-independent to approx. 30 g/m <sup>2</sup>
Weight in kg (without seeds and ballast weights) approx.:	610
Lifting force requirement in kg approx.:	1,100

Description and illustrations are non-binding. Design and execution are subject to change.