

airter[®] neo 12140 and airtter[®] trike 8140

Homogeneous deep loosening with fresh oxygen for hybrid, sports and golf turf care. Real aerification for the best sports turf!



Simple adjustment of the lance length



Technical data	airter [®] neo 12140	airter [®] trike 8140
Machine dimensions	1980 x 1420 x 970 mm (L x W x H)	2040 x 1330 x 1400 mm (L x W x H)
Total weight	550 kg	475 kg
Injection lances	12 pieces, working depth -8 to -20 cm	8 pieces, working depth -8 to -20 cm
Nozzles	12 pointed injection nozzles with 3 air outlets	8 pointed injection nozzles with 3 air outlets
Effective working width	160 cm	160 cm
Operating speed	1.8 km/h	1.0 km/h
Area performance	2,000 m ² /h	1,200 m ² /h
Tractor power requirement	35 - 40 hp tractor; PTO 300 rpm; 90 A electrical connection	Self-propelled with engine power: 14 hp
Drive	Pneumatic	Pneumatic
Piston compressor	Output 2 x 1,000 l/min, 8 - 9 bar (total: 2,000 l/min)	Output 1 x 1,000 l/min, 8 - 9 bar
Electronic control	Performance: 32 bit	Performance: 32 bit

Further information is available at airter.com

Subject to change without notice

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airter[®] neo 12140 and airtter[®] trike 8140

The new generation for the best sports turf. Twice as fast and half the weight of its predecessor airtter[®] light.

airter[®] neo 12140 for football pitches and large golf greens. A football pitch is finished in 4 hours. No need to change lances.

airter[®] trike 8140 for all golf greens. Soon also autonomous for stadiums and golf courses. No lance change.



airter® - active hybrid, sports and golf turf care

The airtter® is a pneumatic soil aeration machine for professional users and service providers. The easy-to-operate cultivation device and the self-propelled airtter® loosens the turf root zone to a depth of around -26 cm and supplies the roots directly with fresh oxygen. The result is vital and immune-strong grass plants and a healthier and more resilient lawn.

With the help of airtter® technology, you can, for example, supply the turf base layer the size of a football pitch with up to 1 million litres of oxygen in an efficient, continuous work process.

The wide range and productivity of the machines make it possible to completely process such an area in just half a working day (approx. 4 hours).

The pressure used can be adapted to the individual soil conditions and infinitely adjusted to achieve the optimum aeration result for your lawn.

If the airtter® is used correctly, you can achieve an effect lasting up to 4 weeks for sustainable regeneration of the lawn plant.

airter® improves the quality of your lawn in the long term and reduces your maintenance costs

The advantages at a glance:

- Effective and sustainable loosening of hybrid, sports and golf turf.
- Reduction of pesticide use and prevention of black layer through active aeration. Effective and biological control of harmful larvae and grubs in the soil.
- Improved water absorption/storage of the turf base layer enables shorter irrigation periods and lower water consumption, especially during the vegetation period or hot spells.
- A measurable, homogeneous loosening of approx. 30 % in the processed



turf base layer plus at least 23 % cut grass growth.

- Reduction in downtime (no need for finishing work, playing surfaces can be walked on and played on immediately, less waterlogging due to improved separation effect).
- Reduction of maintenance costs (reduction of classic aeration intervals and sanding, less patching and reseeded).
- Low-maintenance machine with simple pneumatic system.

- Scientifically validated system (STRI in the UK and the University of Hohenheim in Germany).
- Efficient operation (continuous operation with neo, simple machine operation, high area output).
- Stones in the working area are no problem. All pressurised air cylinders can be adjusted for resistance and the lance stops automatically. This means that it can also be used in vine and berry cultivation.

Active and full-surface root canal treatment

All airtter® products aerate the turf surface homogeneously and evenly without visibly damaging the turf surface. The working depth can be optimally adapted to the available space conditions and thus demonstrably reduces soil compaction by approx. 30 %. As a result, the water flow and air circulation improve noticeably.

No more time-consuming and expensive lance changes necessary. Each lance can be quickly and easily adjusted from -8 to -20 cm directly on the machine without having to be changed.



airter® neo 12140 for larger areas



- airtter® neo runs continuously and is attached to the three-point linkage of the tractor with PTO shaft, making it very manoeuvrable and compact
- Processes a football pitch in around 4 hours
- Is twice as fast and half the weight of its predecessor, the airtter® light
- Runs only with compressed air (no hydraulic oil)

airtter® trike A 8140 will soon also run autonomously

airtter® trike 8140 for smaller areas and soon also autonomously



- airtter® trike is perfect for uneven and inaccessible greens
- Very light and therefore particularly gentle on the ground
- Slide can be adjusted instantly from 0 to 4 cm height to any terrain, Fast and manoeuvrable processing of the greens
- airtter® trike 8140 runs intermittently with electric drive and batteries (stop and go system); the compressor is driven by a petrol engine

airtter® trike A 8140 will soon also run autonomously