

airter®

from Lister Wilder



airter®
Empowering Sports Turf

LISTER WILDER®

Lister Wilder UK Importer for airtter[®]



AIRTER[®] NEO AND AIRTER[®] TRIKE: THE FUTURE OF SPORTS TURF CARE WITH ACTIVE AERATION

After more than three years in development, two completely redesigned airtter[®] machines are coming to the UK market. Novokraft AG is entering into a successful and close partnership with Wilder Lister, our sole authorised dealer in England.

The new airtter[®] neo 12140 runs continuously with 12 nozzles and is more suitable for large football pitches, which it can process in less than 3.5 hours. The machine weighs only 550kg.

The new airtter[®] trike 8140 with 8 nozzles is a discontinuous and self-propelled machine that

weighs 475kg and is electrically driven. So it is more suitable for smaller areas such as golf greens. It will also be autonomous soon.

It is no longer necessary to change the nozzles on either airtter[®]; it can be quickly and easily adjusted from -8 to -20cm directly on the machine without changing or using tools.

Unwanted and harmful grubs and Tipula larvae (leather jackets) can be effectively and 100% biologically controlled with the airtter[®], using high-pressure compressed air.

Lister Wilder

Lister Wilder is a wholly-owned family business that was established in 1947. Now in its third generation, the company has evolved to become a well-known and well-respected name throughout the industry. Over the last seventy years Lister Wilder has continued to expand and grow within the Agricultural, Construction, Groundcare and Arboriculture sectors.

airtter[®]

airtter[®] is the world's only continuous and homogeneously operating pneumatic soil aerator. Using high compressed air, airtter[®] not only breaks through compaction on all types of sports surface, it can be used to deliver 100% biological and effective control of pests, root-damaging grubs and Tipula larvae (leather jackets).



airter® neo12140

and airtter® trike 8140

Homogeneous aerification for the sports turf industry

Providing fresh oxygen for all sports and golf, natural and hybrid turf applications



Simple adjustment of the nozzle length



Technical data	airter® neo 12140	airter® trike 8140
Machine dimensions	1980 x 1420 x 970mm (L x W x H)	2040 x 1330 x 1400mm (L x W x H)
Total weight	550kg	475kg
Injection nozzles	12 with working depth from 8 -20cm	8 with working depth from 8 -20cm
Nozzles	12 pointed injection nozzles with 3 air outlets	8 pointed injection nozzles with 3 air outlets
Effective working width	160cm	160cm
Operating speed	1,8km/h	1,0km/h
Area performance	2,000 m²/h	1,200m²/h
Tractor power requirement	35 – 40hp tractor; PTO 300 rpm; 90 A electrical connection	Self-propelled with engine power: 14hp
Drive	Pneumatic	Pneumatic
Piston compressor	Output 2 x 1,000 l/min, 8 – 9 bar (total: 2,000l/min)	Output 1 x 1,000l/min, 8 – 9 bar
Electronic control	Performance: 32 bit	Performance: 32 bit

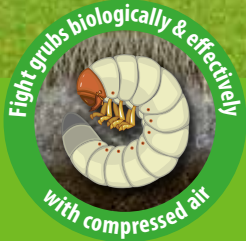


airter® neo 12140 and airtter® trike 8140

The new generation for the best sports turf

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

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



100% biological & effective pest control of root-damaging grubs and Leather Jackets and Japanese beetle, with high compressed air from airtter®

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 -26cm 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 (approximately 4 hours). The pressure used is also infinitely adjustable.

airter® gives you an effective injection of liquid fertilisers, soil additives and biological pesticides directly to the roots using compressed air with the help of proven airtter® technology.

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 turf 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 water-logging due to improved separation effect)
- Reduction of maintenance costs (reduction of classic aerification 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 nozzle stops automatically. This means that it can also be used in vine and berry cultivation



Get an 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 therefore reducing soil compaction by approximately 30%. As a result, the water flow and air circulation improve noticeably.

Each nozzle can be quickly and easily adjusted from -8 to -20cm 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 a 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)

NEW
Injection of liquid
fertilisers, soil
additives and
pesticides

airter® 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 4cm 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

airter® trike
8140 will
soon also run
autonomously

Area Sales Managers

For all other areas not highlighted on the map please contact our Airtex representative Greg Chapman on 07484 077 736 who will advise you on your local dealer.



For more information call our area sales managers above or visit our website at **www.airteruk.co.uk**

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