

# Air2G2

Inject pressurised air 12-inches beneath the surface to increase space and promote faster drainage and root development



## The Multi-Award Winning Air2G2

The Air2G2 336 has set the standard for self-propelled pedestrian aerators. Using three probes to laterally inject pressurised air up to 12 inches below the surface, this machine is perfect for goalmouths, greens and any heavy wear areas and as part of your regular aeration programme. The lateral blasts of air loosen compacted soil immediately with no disruption to the surface, allowing play to continue straight away, with continued use creating surfaces that are healthy, firm and always ready for play.

### The Air2G2 336 Helps With:

- Compaction Relief: Fractures hardpan layers without disruption to roots or playing surfaces
- Porosity Increased: Lateral air injections increase pore space, promote faster drainage and root development
- Respiration Enhanced: Forces oxygen in and pushes CO<sub>2</sub> and other anaerobic gases out for rootzone gas exchange

### Long term Benefits of Air2G2 336:

- Immediately relieves soil compaction
- No downtime or turf disruption—lawns, sports fields and golf courses are ready to use right after treatment
- Easy to operate, easy to train your crew to use
- No post-application cleanup necessary!
- Instantly breaks through compacted soil, brings air to suffocating roots
- Quickly improves water drainage
- Encourages deeper root growth

### Specifications & Features:

- Self-propelled aeration machine on a three-wheel platform with smooth, wide flotation tires
- Powered by a Kohler Command Pro 19 horsepower engine
- Hydrostatic drive-axle that is actuated by the steering handlebar
- Pneumatic system is powered by an Ingersoll Rand two-stage air compressor
- Three probes reach up to 12-inches deep into the soil
- Pressurised air is pushed out laterally at a diameter of 6 to 9-feet



# Results that simply speak for themselves

The Air2G2 has achieved very impressive independent test results backed up with numerous awards and industry recognition for it's game changing innovation.

**85%** More Air Pores      **2200%** Improved Infiltration      **21%** Reduced Surface Hardness

## Specification

Working width	180cm
Overall dimensions of unit	205cm (l) x 150cm (w) x 130cm (h)
Working depth (probe / tine)	17.5cm – standard tines 23cm – standard tines 30cm – standard tines 15.25cm – optional tines
Weight (approx)	450kgs
Fuel tank capacity	19ltrs
Engine	Kholer 19hp petrol engine
Compressor	Ingersol Rand two stage, 75.71ltrs capacity





- Water porosity was reduced from 32.62% to 28.59% in 2 months (2 operations), to below the recommended rate of 30%
- Initial air to water balance in soil was 1: 2.76
- After one operation 36.7% more air spaces

- Infiltration rates increased from 0.69"/hr to 15.77"/hr in just two months (after 2 operations). An increase of 2,200%
- Air porosity was increased from 11.8% to 21.3% in two months (2 operations). An increase of 46%



- After two operations 85% more air spaces
- Final air to water balance in soil was 1: 1.31 - Almost textbook figures!

Courtesy of Brae Burn Country Club, KS. USA



STMA 2015  
Innovation Award



HSBC 2016 Golf  
Business Forum  
Innovation Award



## AIR 2G2

# Air2hp

- Ideal for sand bunkers, small spaces, hard to reach places
- Great for the base of trees, around tree roots, in flower beds and lawns
- Quickly spot treat areas of standing water

## How It Works

- Single probe aerator fractures soil profile
- Hand operated air valve
- Horizontal air injection, below the surface at a diameter of up to 3ft (0.9m)

## What it Does

- Injects air into the soil column, shooting oxygen to roots and fracturing compacted soil for air and water movement
- Increases drainage
- Increases soil porosity
- External air compressor required for use