

300 Root Trainer Grown Aquatic Plants

A.G.A.300 root trainers prevent 'root spiralling'.
By training the root down the pot-cell plants grow stronger and healthier they are safer to handle and establish rapidly.
Root trainer grown aquatic plants make traditional pot grown plants a thing of the past.



The A.G.A Group's Merton Hall Pond aquatic plant nursery has been commercially growing and supplying *Phragmites australis* (Common Reed) for the landscape, environmental and civil engineering industries for over 12 years. As a result of this we have invested in our very own purpose made root trainer tray, designed specifically for the growing of reeds and aquatic plants.

Our pre-formed, rigid tray holds 40 plants per unit and produces a plant that is comparable to somewhere between a P7cm pot and P9cm pot plant. This is an advance over the conventional root trainer system, in that it stops "over crowding" of plants in the middle of trays where they are susceptible to being starved of light encouraging weak 'runt' like plants.

The Advantages

- Easy to handle and distribute
- Tidier to use on site, no pots left to blow around.
- Easier to "de-pot" than a meshed pot and will not damage the root system.
- Planting is made simpler too. The ergonomical, conical shape of the root trainer avoids trying to fit, "a square pot into a round hole".
- There is a significant reduction in labour costs.
- All of our *Phragmites* (along with all of our aquatic plants) are grown entirely in our unique peat free aquatic compost.
- We use only U.K. native provenance seed and more typically (subject to contract) local provenance where specified.

RT 300

A.G.A. root trainers are 312cc volume, roots trained to the bottom are therefore almost 130mm into the substrate when planted. This is significantly deeper than can be achieved from pot based reeds plants.

The benefits of the RT 300, as we have shown, are evident.



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CONCEPT TO COMPLETION



The A.G.A. Group

Over 1,000,000 reeds may be needed annually to satisfy the market for reed bed schemes throughout the U.K. We are the only company with the resources to supply these large quantities of *Phragmites australis* (Common Reed) and other species.

Whether required for major projects or for smaller water treatment systems you need a reliable supply. Price, quality and service is, second to none.



Phragmites australis (Common Reed) for waste water treatment systems

- More vigorous plants
- Enhanced root system
- Reduced plant mortality
- Outdoor propagated plants
- No damaged roots
- Easier to plant
- Range of species

- Less bulk to handle
- Lower haulage costs
- Low environmental impact, less rubbish for disposal

THE A.G.A. GROUPS installation teams operate solely within the field of aquatic and bioengineering. We operate a policy of 'Best Practice' and are bound by the Code of Conduct of both the Institute of Fisheries Management and the Institute of Biology. The A.G.A. Group is validated by the nationally recognised 'SAFE CONTRACTORS SCHEME' Quality assured to: ISO9001 - : - 2000 and ISO14001

WATER TREATMENT TECHNOLOGY

Reed Beds and Floating Reed Beds.

Reed beds are an effective and long term solution to the treatment of effluent emanating from wastewater systems or ground water discharge. They can consist of a lined void planted with wetland plants or cells of floating islands anchored together over the discharge flow area. Either way they are constructed, plants can only function while alive and vigorous, which means a good root system, this is why A.G.A. plants are your best guarantee for rapid and effective performance.

Pre-vegetated Plant pallets

Our vegetated pallets are often the initial reed supporting vehicle used in waste water treatment systems. The use of RT300's introduces the reeds root system directly to the very bottom of the pallet enabling them to penetrate below the coir faster than pot grown reeds. Root trainer planted pallets start work almost immediately after installation.

To accommodate water quality specifications we can provide a design suggestion service, installation advice or full turnkey project contracts.

A.G.A. provide all the essential ingredients for the successful construction of reed bed water treatment systems.

We offer technical advice and a supply and install service for marginal and aquatic planting with full project management from concept to completion.



For more information please contact us.

We can quote you for supply of materials and their installation or for turnkey projects.

A.G.A. Group

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