



2022 R1

TreeTube

www.tree-tube.com

The TreeTube is the perfect treeplanting solution in combination with other underground utilities. Tree roots are steered through the TreeTube in the right directions so that tree roots and underground utilities can be applied together.

The system is delivered ready to install on site. Excavate, place, close again, can't be any faster.



Industrializing urban treeplanting

TreeTube; Fast and easy installation

A complete system is delivered and can be installed within minutes.

Circular tube making the system strong in every direction

A circle is the strongest design for underground infrastructure; also for trees.

Variety of models for a variety of applications

Patented TreeTube is available for all kind of applications and every model is modular extendable.





Aeration and irrigation system

Model nr: TTAN Each model has its own characteristics

Aeration inlet

Root director

Opening for planting the tree

Porthole

Root penetration porthole

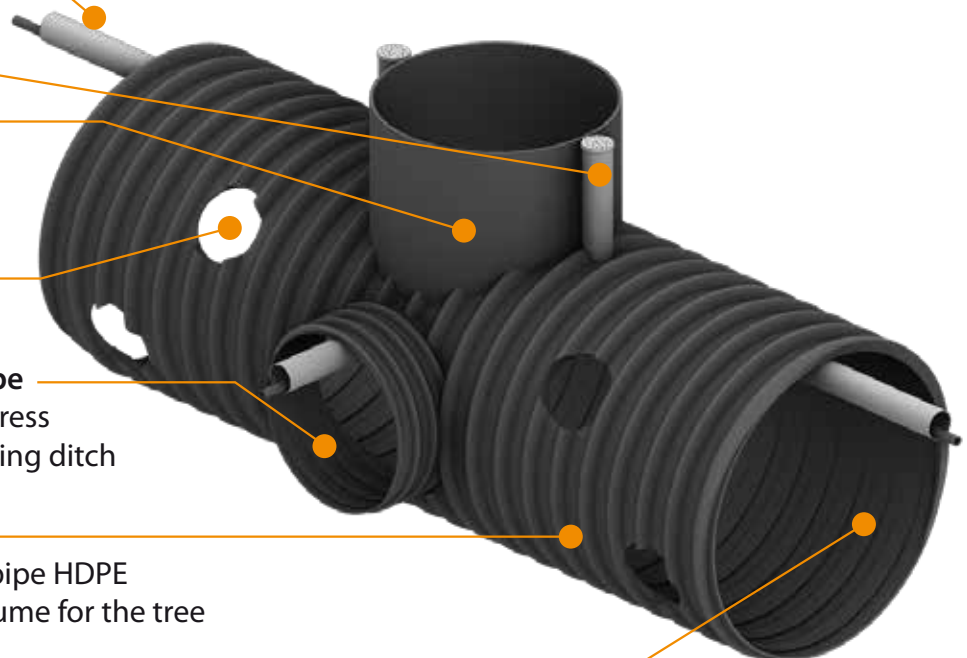
Perpendicular rooting tube

Encouraging roots to progress perpendicular to the planting ditch

TreeTube body

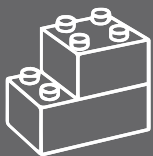
Load bearing corrugated pipe HDPE
Contains the main soil volume for the tree

Root barrier



Please check out our website for more information regarding Planting Urban Trees.
WWW.TREEROOTSYSTEMS.NL WWW.TREE-TUBE.COM

TreeTube benefits



Modular system



Increased soil gas exchange



Supports heavy traffic loads



Protects utilities against root damage



Proper integration with urban infrastructure



Advanced irrigation and/or aeration mechanism



Substantial soil volume for rooting



TreeTube
Urban Green Infrastructure

Highest strength all around

Loads are transferred all around. Lateral- and vertical load capacity are similar.



Easy, fast and ready to install

TreeTube is delivered as an complete system, ready for installation. Fast and easy to install. Excavate, place and close again.



Adaptable modular system

TreeTube offers a variety of models

- Dimensions
- Combination



For every application a solution

Adaptable Treepit opening



Oval shaped opening



Circular shaped opening



in case opening should be bigger as TreeTube body

Adaptable location



Location of root director on top of the TreeTube body

Adaptable TreeTube body

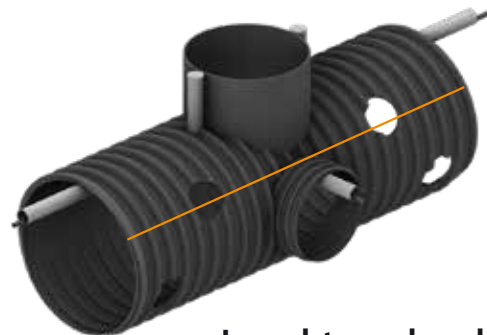


Minimum 100 cm Ø



Also 120 150 cm Ø

Adaptable length



Length can be altered on demand

Aeration & irrigation

All systems are delivered with aeration- and/or irrigation system, prefab installed as on request

Standard models

TREETUBE A (TTA)

TreeTube A provides uncompacted tree rooting space while supporting traffic loads. The core unit caters for large volumes of non-compacted high-quality soil for trees in hard-surface environments. The structure is based on a tubular strong body, designed to meet the trees physiological needs. The system is composed of an integral vertical sheet barrier system, containing the root ball, and irrigation equipment while providing aeration.



TREETUBE AN (TTAN)

Within the core unit (TTA), is a 60cm diameter strong tube perpendicular to the main TTA body increasing root space and encouraging roots to progress perpendicular to the planting ditch.



TREETUBE X (TTX)

In this system, two tubular bodies are placed perpendicular to each other to form a plus shape. This way, tree roots can grow evenly, 360 degrees under a paved square or car park.



TREETUBE C (TTC)

Contained within the core system (TTA) are additional tubular extensions to enlarge planting volume. In this system, several tubes snap together in parallel providing a generous amount of planting soil and rooting space.



Didn't find what you're looking for
please contact us for custom made models

Installation fast and easy



1 Digging a trech

Subbase preparation, depending on local requirements



2 Laying the system

The Lightweight Treetube can be placed with almost any excavator.



3 Checking the height

Before back filling the TreeTube, the installation height must be checked





4 Stabilize the tube

Treetube can be back filled as on local requirements, directly after installation. Enabling the resumption of road works very quickly



5 Filling with soilmix

The Treetube can be filled with soil with a pump or by hand



Finished

Trees will grow without affecting the immediately adjacent utilities

Can't be any faster



We offer you the most extensive range of quality products on urban tree planting solutions in the world. Products are mostly produced in our own factory in Germany. Or at one of our exclusive partner manufacturers.

Besides products we also offer you our knowledge and experience about tree planting and storm water management. Ask our specialists for:

- Workshop and masterclasses
- Soil volume calculation services
- Design services
- Engineering services



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Urban trees are a simple solution, to some
of the world most complicated problems

Let us help you grow healthy mature trees