

**KRAHUSA** LLC.  
www.krahusa.com **PIPES**

# TREETUBE™

## Modular Tree Planting System



**TreeTube™**  
Urban Green Infrastructure

**TRANSFORMING OUR CITIES INTO VIBRANT, SAFE,  
AND SUSTAINABLE HAVENS, WHERE  
GREEN SPACES THRIVE AND BEAUTY ABOUNDS**

- **Supports Heavy Loads**
- **User-Friendly**
- **Lightweight**
- **Extremely Durable**
- **Simple to Install**
- **Economical and Budget-Friendly**



# TreeTube™

## A Game Changer for Urban Tree Management

The TreeTube™, manufactured by KRAHUSA, is a game-changing solution that caters to the core requirements of developing and maintaining livable, safe, and happy cities. Through its innovative design as a modular suspended pavement system, it offers load-bearing to paved areas and all required conditions for trees, minimizing the risks to a city's infrastructure and enhancing safety within urban environments. The TreeTube™, manufactured by KRAHUSA, is designed to ensure healthy, hearty tree growth in combination with other underground utilities.

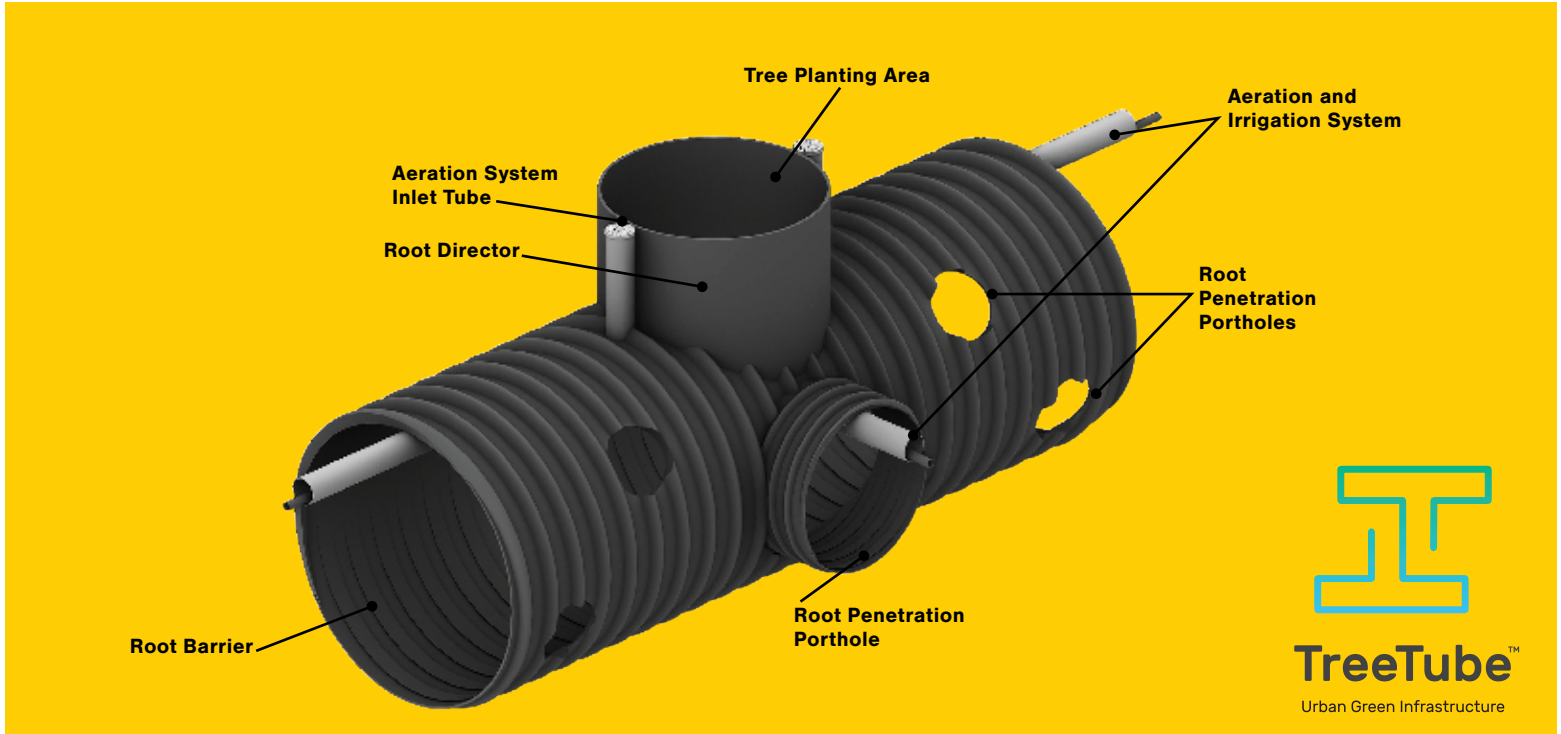
Tree roots are guided through the TreeTube™, manufactured by KRAHUSA, in the desired direction so that both the tree roots and underground utilities can coexist without damage, thus contributing to the

overall well-being and aesthetics of a city. TreeTube™, manufactured by KRAHUSA, 's cost-effective nature, combined with its quick and easy installation, make it an ideal choice for urban planners and city developers dedicated to sustainable, harmonious, and thriving cities.

## Modular Design

The modular design of the TreeTube™, manufactured by KRAHUSA, is a remarkable innovation that is necessary for the preservation and development of urban tree life. Tailored to withstand the challenges posed by the urban infrastructure jungle. Its adaptability extends to meeting all relevant loading and drainage standards, ensuring that it integrates seamlessly into diverse cityscapes. By doing so, it not only safeguards trees essential needs but also

- **AVOIDS TREE DAMAGE TO INFRASTRUCTURE**
- **PROVIDES IMPROVED NUTRIENT DELIVERY SYSTEM**
- **PROVIDES BETTER DRAINAGE**
- **EFFICIENT IRRIGATION AND AERATION**
- **EXCELLENT THERMAL MANAGEMENT**
- **PROVIDES 95% AVAILABLE SUBSTRATE**
- **IMPROVED TREE SURVIVAL**



significantly reduces the risk of the potential damage caused by trees to critical urban infrastructure, making it a vital contributor to the sustainability and well-being of our cities.

urban climates. Its lightweight design not only eases handling but also elevates its functionality, making it an indispensable asset for creating and maintaining healthy urban green spaces.

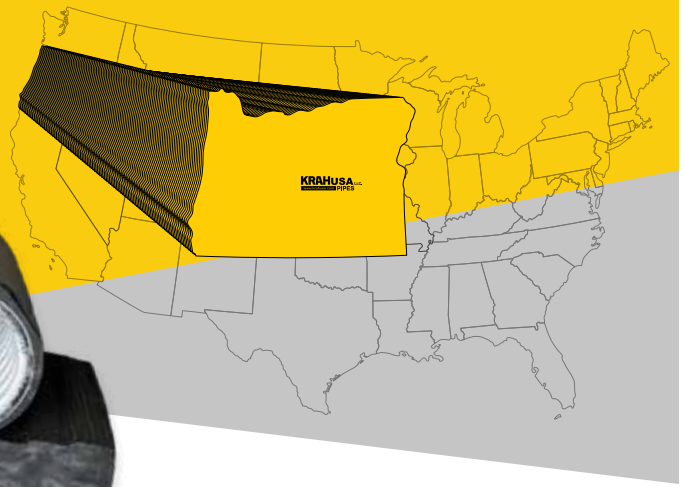
## Efficient Drainage+Strength

The TreeTube™, manufactured by KRAHUSA, offers a remarkable capability by incorporating an efficient drainage system that marries lightweight strength, providing up to 95% of available substrate for optimal tree health. This innovation goes beyond simply sustaining trees, as it efficiently manages irrigation and aeration, fostering ideal conditions for growth. Furthermore, the TreeTube™, manufactured by KRAHUSA, excels in thermal management, ensuring trees endure varying

## Cost Effective

The innovative tree tube offers a groundbreaking solution to enhance the livability, safety, and overall happiness of cities by introducing a modular suspended pavement system designed to meet the essential needs of urban trees. This system not only proves to be cost-effective and affordable but also boasts an efficient installation process as the system is delivered ready to install on site just excavate, place and cover.





## KRAH Pipes

KRAH has been at the forefront of developing and producing innovative helical extrusion pipe technology in Germany since 1968. In 2020, KRAHUSA expanded its operations to Prineville, Oregon, establishing itself as the sole supplier of high-quality extruded, spiral-wound pipes in the United States.

Our cutting-edge production method utilizes a helical extrusion process to create a range of pipes, including profiled pipes for gravity applications, solid wall pressure pipes, and specialized structures for fittings, manholes, and accessories. Continuous technological advancements have allowed us to produce seamless, smooth pipes with integrated socket spigots for various jointing methods. This flexibility enables customized, cost-effective pipe solutions designed to meet the unique demands of different applications. KRAH's commitment extends to delivering prompt, professional, and cost-

competitive services, addressing the need for longer pipeline lifespans, enhanced integrity, durability, reduced installation costs, and environmental advantages over traditional materials.

## Made in the US

Supporting products and services from the United States not only stimulates local economic growth but also reflects a dedication to quality, craftsmanship, and sustainability. OR 279a.120 encourages resident bidders, but let's also emphasize the importance of choosing "Oregon Made." By prioritizing Oregon-made offerings and collaborating with local businesses, we contribute to our community's prosperity while honoring our state's rich heritage of innovation and production. Let's take pride in supporting Oregon-made goods to enhance the vitality of our local industries and build a brighter future for all.

