

HORTI ROBOTICS

**WHERE INNOVATION
TAKES ROOT**

Root Trimmer RT10

Reduced Labor. More Output

Heavy-duty

High-speed

Consistent results



HR

MAKE NURSERY WORK EASIER

Root pruning is hard, repetitive work that requires time and effort. At the same time, it is essential for strong plant development and successful transplanting in professional nursery production.

The RT10 root trimmer takes care of the heavy work. Thanks to its robust design and high speed, the machine helps growers increase productivity while maintaining consistent plant quality throughout the nursery.



The tree is transported to the pruning position. The machine then rotates the tree along the pruning blades, trimming the roots evenly around the tree to the desired length. After pruning, the tree is transported to the discharge position, ready for the next step in the nursery process.

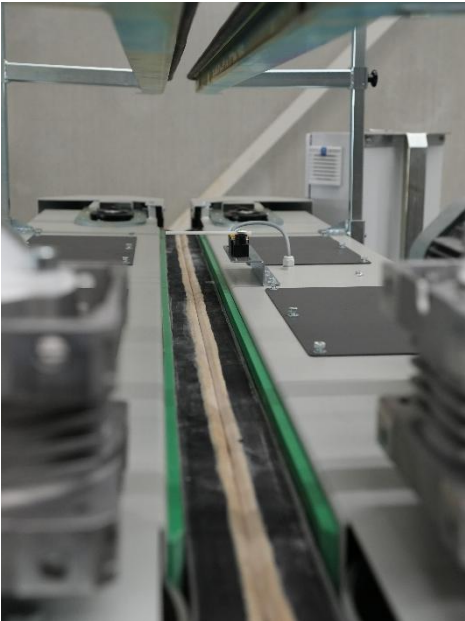


The RT10 features a counter that tracks the number of trees processed. The counter can be easily reset for each batch, helping growers monitor production and manage quantities.

The RT10 is designed for easy mobility within the nursery. Its compact design allows the machine to be moved quickly to the desired working location.



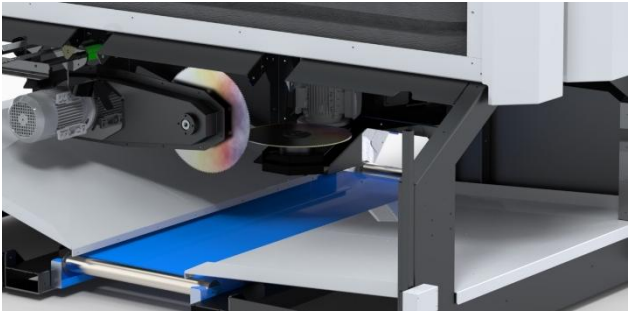
GALLERY



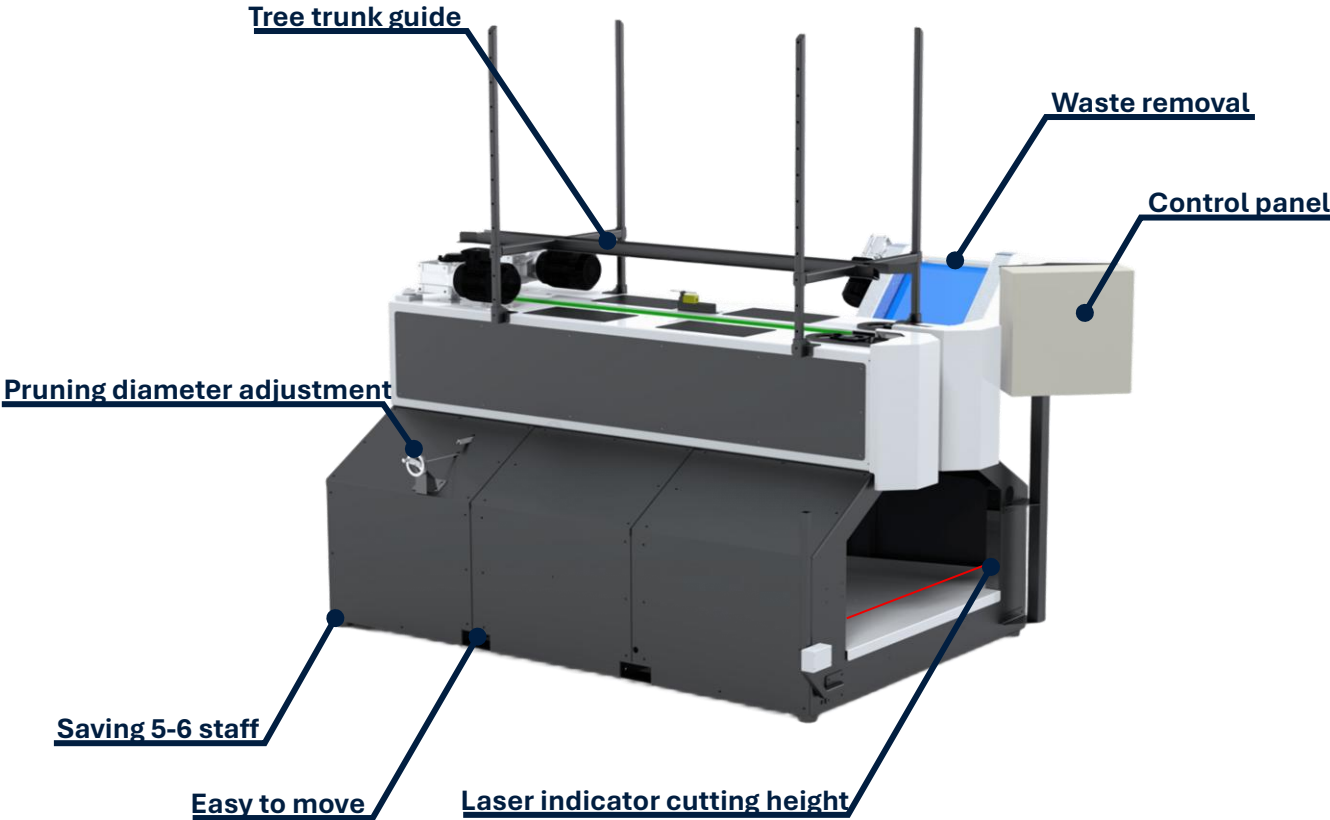
SPECIFICATIONS

Built for nursery environments:

- Dirt-tolerant design
- Easy access for cleaning
- Robust components for daily use



Technical specifications:	
Length:	3 m
Width:	3.3 m
Height:	2.6 m
Weight:	1500kg
Capacity:	Up to 10/min
Tree sizes (circumference):	6-18cm
Trunk types:	Single stem trees
Root types:	Bare roots
Pruning diameter:	15 – 52cm



Built on patented technologies

ABOUT US

Horti Robotics started in a small workshop in the Netherlands, founded by two brothers and their father. They grew up in South Africa, where they learned to work with limited tools and to find practical solutions. That way of thinking—hands-on, resourceful, and committed, still forms the foundation of how the company works today.

What began with welding and mechanical work grew into designing and building complete machines. Without formal training, they taught themselves to draw, program, and develop systems from start to finish. Every project became a new learning step.

Their first horticultural machine was a Root Trimmer. That led to more questions, more machines, like a cutting robot and a potting system. One customer asked if they could also build a machine to graft plants. They had no experience with grafting, but they gave it a try.

Today, the Grafting Robot is a key part of what Horti Robotics does.

In 2020, the name changed to Horti Robotics, to better reflect what the company had become: a builder of smart, practical machines for horticulture. From potting and grafting to grading and transplanting. The aim: making growers work easier, more efficient and more consistent, to gain higher quality and speed.

The team is small and works closely together. Everyone contributes, and every idea is welcome. Machines are developed in cooperation with customers, based on real needs in the field.

Where innovation takes root is more than a slogan.

It reflects how the company grows: step by step, through doing, learning and improving together with those who use the machines.

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