

HORTI ROBOTICS

**WHERE INNOVATION
TAKES ROOT**

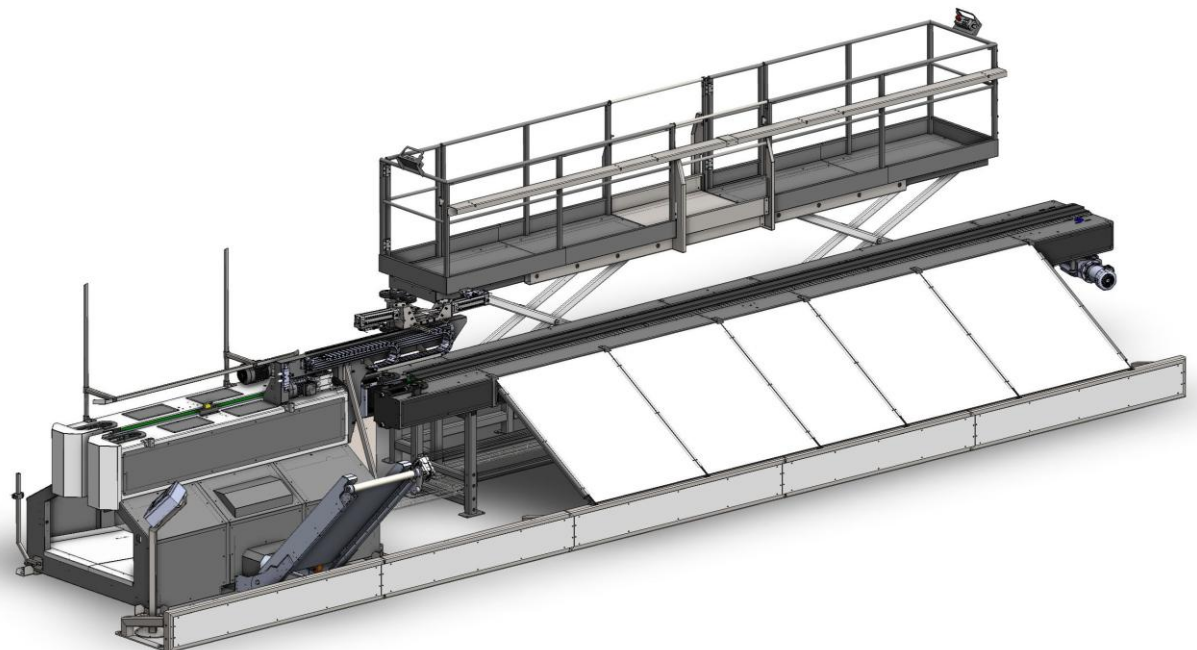
Pruning Line

Improve pruning efficiency

Optimized labor use

Reduced physical
effort

Increased capacity



IMPROVE PRUNING EFFICIENCY

Pruning in tree nurseries often involves a lot of manual handling and inefficient movement between tasks. The Pruning Line brings structure to this process by guiding trees through each step in a fixed sequence.

The root system is pruned consistently by the machine, while operators focus on shaping and finishing the tree above ground. This combination reduces unnecessary handling, improves labor efficiency, and ensures a controlled and continuous workflow.



The Root Trimmer RT10 is equipped with an outfeed conveyor that transports root waste to a central collection point.

Pruned branches from the manual pruning stations are guided via a chute, ensuring that most of the waste is collected in the same location for efficient handling.



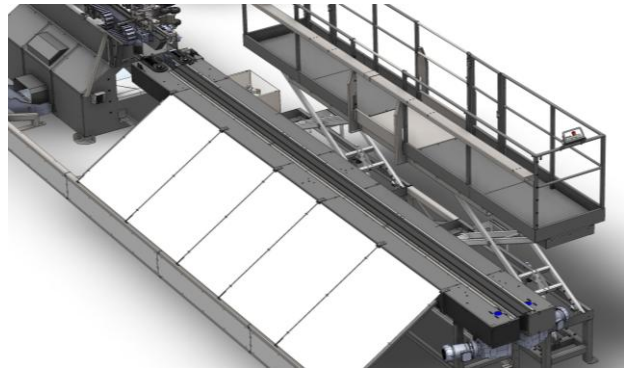
GALLERY



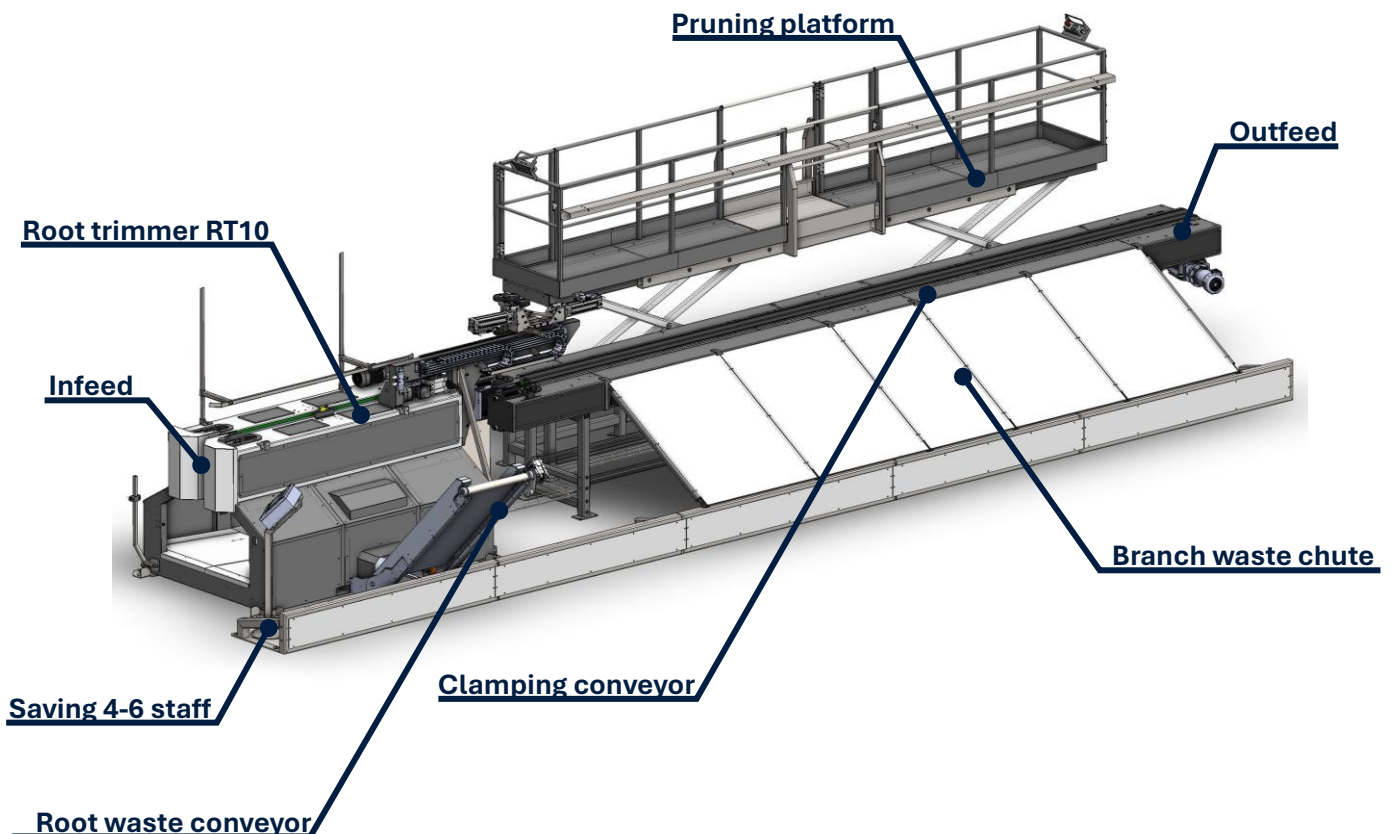
SPECIFICATIONS

Optimized pruning process:

- Structured workflow
- Efficient labor use
- High throughput



Technical specifications:	
Length:	11.1 m
Width:	3.3 m
Height:	3.3 m
Platform height:	2.1 m
Platform length:	6 m
Capacity:	Up to 8/min (depending on application)
Root type:	Bare root
Tree types:	Avenue trees
Tree sizes (circumference):	6-18 cm



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.

Contact
HORTI ROBOTICS

Location

Pottenveld 4B
4043AB Opheusden
The Netherlands

Web

www.hortirobotics.com

E-Mail

info@hortirobotics.com