

HORTI ROBOTICS

WHERE INNOVATION
TAKES ROOT

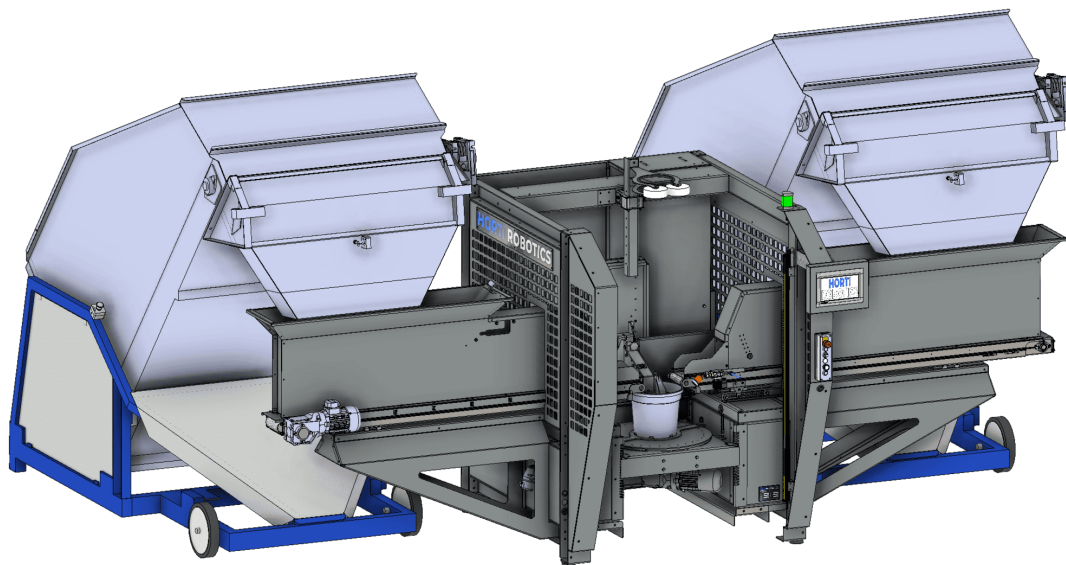
Tree Transplanter Basic 2.0

Compact and flexible

Compact entry-
level design

Flexible
pot and bag
handling

Suitable for
trees and shrubs



COMPACT AND FLEXIBLE

For many nurseries, potting is still a labour-intensive step in the nursery workflow. Smaller to medium-sized operations need a system that lightens the workload, increases speed, and remains simple and flexible.

The Tree Transplanter Basic offers this entry point into smart automation. It is a very compact, accessible machine that handles the most important steps in potting. The Basic is ideal for nurseries looking to simplify their work without having to install complex systems.



For even compaction, the system uses tampers that match the container size. This guarantees consistent results, regardless of the root ball type. When changing container size, the tamper is easily replaced, while other settings can be quickly adjusted with a few minor adjustments.



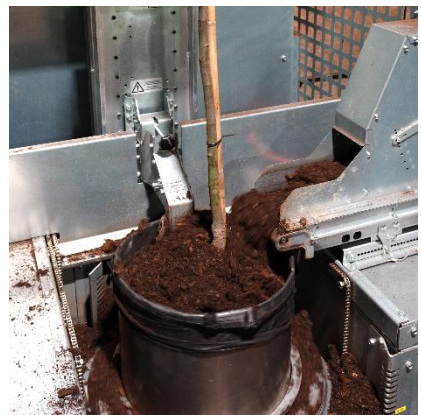
As a series produced machine, it delivers reliable and consistent performance, while still providing the flexibility to be configured according to your working methods and individual requirements.



Frequently used functions are always quickly accessible via physical buttons, while more advanced settings and adjustments can be accessed via the HMI in a clear and structured manner.

GALLERY

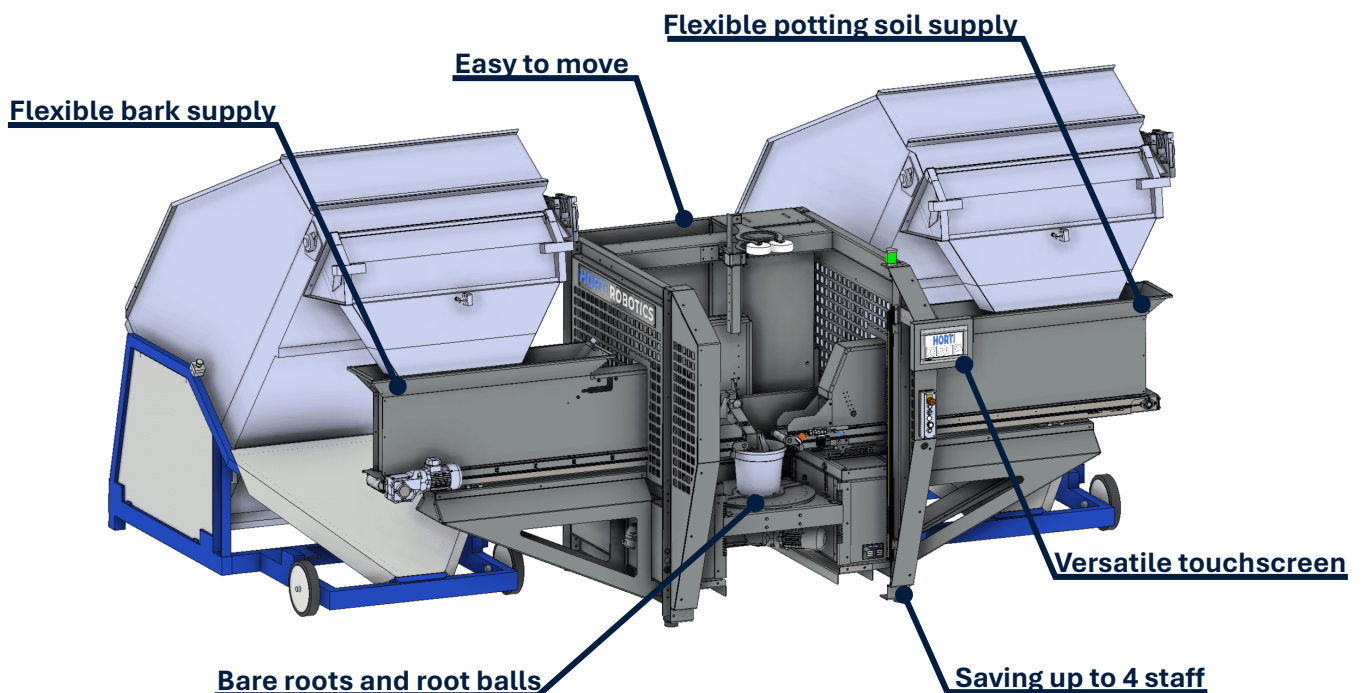




SPECIFICATIONS

Options:	Comment:
<input type="radio"/> Automatic bark adding	Outfeed belt not possible
<input type="radio"/> Automatic watering	
<input type="radio"/> Outfeed belt	Automatic bark adding not possible
<input type="radio"/> Remote support	
<input type="radio"/> Delivering with big baler	
<input type="radio"/> Shrub clamp	Instead of tree clamp

Technical specifications:	
Length:	1.8 m
Width:	3 m (+1.6 m with bark option)
Height:	2 m
Weight:	1200kg
Container type:	Pots and bags
Minimum container size:	10L
Maximum container size:	100L
Capacity:	± 2/min, depending on the application
Compaction method:	Servo-driven, pot size specific tampers



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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