



TED

Multifunctional
straddling
vineyard robot

TED

Our solution to help you save time

At Naïo Technologies, we are convinced that autonomous robots are the key to better working conditions. The quality of mechanical weeding allows for higher profitability and provides an alternative to herbicides.

Ted is designed to make the life of wine growers easier and frees up time for tasks with higher added value.



What our customers say:

“It saves times and is cost-effective.”

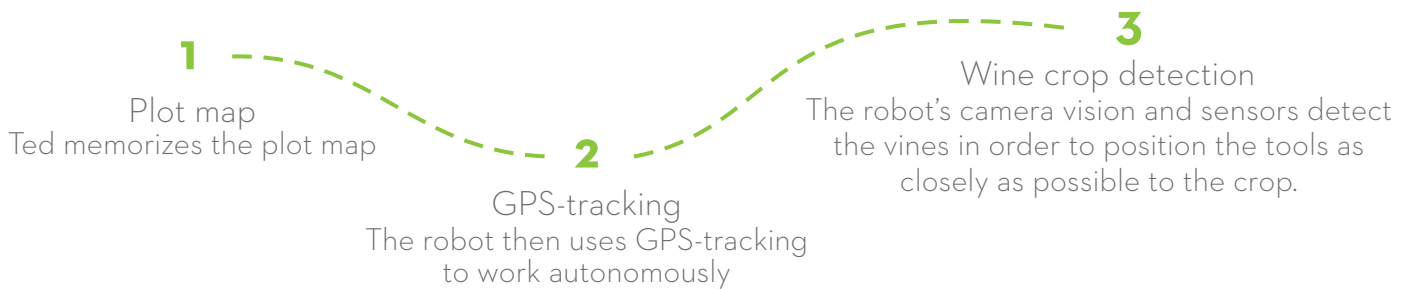
“An efficient solution with a great future to support the evolution of winemaking practices towards less hardship and greater respect for soil.”

“An innovation that serves tradition.”

AUTOMATED MECHANICAL WEEDING FOR VINEYARDS

ACCURATE AUTONOMOUS GUIDANCE VIA RTK GPS SENSORS

How does TED guide itself autonomously?



GPS-guidance is paired with sensors in order for TED to be operational in a maximum of configurations while maintaining its precision range.

PRECISE AND EFFICIENT INTERPLANT WEEDING

Tested and approved for all types of soil: sand, rocks, clay...

Ted will be equipped with an interrow mowing tool as well as a debudding tool to control grass growth and unwanted shoots



Opt for eco-friendly production



Lower your production costs



Improve your working conditions



Save extra time

WINE GROWERS, THE ADVANTAGES OF TED



Reduce the use of farm inputs



Manage operational timeframes



No more maintenance worries

TOOLS

Ted is supplied with tools that are commonly used in the sector and can be adapted to the robot.

Tools for interrow and interplant soil work:

Kress fingerweeders and passive interplant hoeing blades

Prototype tools for mowing, debudding, leaf thinning, trimming, etc.



TECHNICAL DATA

Application	Vines (Row width > 150 cm / 60 inches)
Dimensions	Length 230 cm (90 inches) Width 150 to 200 cm (60 to 80 inches) adjustable Height 150 to 200 cm (60 to 80 inches) adjustable
Weight	800kg (1760lbs)
Energy	100% Electrical - Lithium batteries
Autonomy	Up to 8 hrs*
Traction	4 driving wheels
Navigation	RTK GPS + camera - Centimetric precision
Covered area	Up to 40 ha (100 acres)
Speed	Up to 4 km/hr. (2.5 mph)
Other	Communication by SMS

**In ideal conditions, can vary depending on the conditions of use*



TED, AN ECO-FRIENDLY ROBOT

Designed and manufactured in France
2-year warranty - End-of-life recycling



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