



dino

Autonomous
mechanical
weeding robot

dino

*the first entirely autonomous electric robot
to mechanically weed vegetable crops*

At Naïo Technologies, we are convinced that automated mechanical weeding is the key to meeting your expectations in terms of better working conditions, crop quality and profitability.

Dino is designed to make the life of vegetable farmers easier during the weeding season. The robot frees uptime for tasks with higher added value.



What our customers say:

“The robot allows for automated weeding. Its biggest accomplishment is that it weeds all by itself. Mechanical weeding allows to eliminate chemical weed control, which is beneficial to both the crops and the environment.”

Matthieu Preudhomme,
Program Manager of the Ferme 3.0 project of the Somme Chamber of Agriculture

AUTOMATED MECHANICAL WEEDING FOR VEGETABLE CROPS

PRECISE AUTONOMOUS GUIDANCE VIA RTK GPS

How does Dino guide itself autonomously?



GPS-guidance is paired with **camera vision** in order for Dino to be operational in a maximum of configurations while keeping its precision range.

VEGETABLE FARMERS, THE ADVANTAGES OF DINO



Lower your production costs



Improve your working conditions



Save extra time



Reduce the use of farm inputs



Manage operational timeframes



No more maintenance worries

TOOLS

Naïo Technologies offers a range of mechanical weeding tools for work in and between rows:

HOE SHARES: available in different shapes and widths,
SPIKED HARROWS or **ROTARY HOES**





TECHNICAL DATA

Application	Vegetables in row and on beds
Dimensions	Length 250 cm (98 inches) / Height 130 cm (51 inches) Distance from center of wheels 150 to 200 cm (60 to 80 inches)
Weight	800 kg (1760 lbs)
Energy	100 % Electrical - Lithium batteries
Autonomy	Up to 10 h*
Traction	4 Driving Wheels
Navigation	RTK GP + camera. Centimetric precision
Work rate	Up to 5 ha (12 acres) per day*
Working width	Beds of 120 to 160 cm (47 to 63 inches) Inter-row: from 15 to 50 cm (6 to 20 inches)
Speed	Up to 4 km/h (2,5 mph)
Other	Communication by SMS - European Certification

**Can vary depending on the conditions of use*

DINO, AN ECO-FRIENDLY ROBOT

100 % electric - Designed and manufactured in France

2-year warranty



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