



noio
Technologies



oz

FOR DAILY WORK
IN MARKET GARDENING
AND SPECIALTY CROPS

In response to labor shortages and to reduce labor intensity, the OZ robot provides valuable solutions for numerous tasks. OZ is used by market gardeners, seeds producers, nurseries, specialty crops and horticulture. Over the past 10 years, it has evolved based on feedback and ideas from our customers.

This tireless robot opens furrows, sows and weeds with unrivaled precision. It multiplies passes to avoid the use of weedkillers, and saves you time. Ultra-versatile, OZ handles repetitive, time-consuming tasks for over 300 growers worldwide. It's the perfect daily assistant!



OZ BENEFITS



PROFITABLE

- Reduce your weeding times
- Improve your technical and economic results
- Reduce your energy costs (€1.3/ha)



ACCURATE

- Centimeter RTK GPS guidance
- Control weeds in the row
- Weed at the seedling stage



COMFORT

- Reduce arduousness and manual catch-up
- Works by your side without noise or fumes
- Optimise logistics with its adapted size



SUSTAINABLE

- The first 100% electric farm robot
- Reduce your greenhouse gas emissions
- Reduce your chemical inputs



LIGHT

- Avoid soil compaction
- Reduce ruts in your plots
- Maintain the fertility and life in your soil



VERSATILE

- Sow your rows of crops
- Prepare your furrows for your plants
- More than 20 weeding tools available

CHOOSING OZ MEANS :

- **Straight seeding** thanks to RTK GPS autoguidance and **maximizing your acreage** in greenhouses and open-field plots
- **Avoiding competition** from weeds in the early stages of your crops by increasing weeding frequency
- **Reducing manual labour and saving time** on high value-added tasks that are difficult to mechanise
- **Letting the robot pull and carry** heavy loads everyday and during harvesting



35 VERSATILE TOOLS FOR EVERY TASK

Planting preparation

- Furrower share
- Vibrotiller

Seeding

- Ebra precision seeder
- Terradonis precision seeder

In-row weeding

- Tine harrow
- Brushes
- Hilling discs
- Torsion hoe

Inter-row weeding

- Tine harrow
- Lelièvre blades
- Crow's foot ploughshare
- Vibrotiller
- Parallelograms with gage wheels

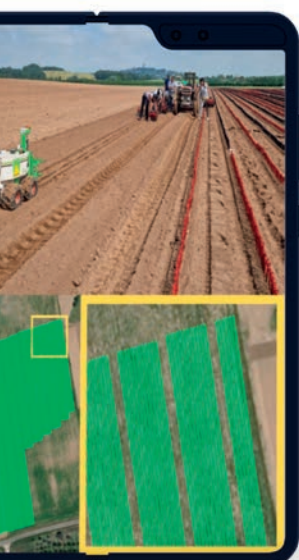
EASILY MAP YOUR CROPS

1. Holding the GPS antenna: I create a virtual map by recording GPS points at each corner of my plot. I define a point A and a point B to mark the first working row. I specify the desired row spacing and number of rows, and the software generates the working map. During the season, I simply start my robot on the map I have previously created.

2. With my OZ robot: when sowing or tracing the furrows, I map the rows by leaving the antenna on the robot. The map generated will be used for each operation in the technical itinerary.

3. With the GPS antenna on my drill or planter: I record my planting operation, then my dealer or Naïo expert validates the map to ensure optimum robot guidance.

Tailor-made operations thanks to Easymapping: the OZ robot opens the furrows for a vine nursery. The map contains rows in groups of 12, with tractor passes between each group.



NAÏO COMPANION APP

Manage your robot from your smartphone thanks to an intuitive interface and powerful features.

- Move your robot using the integrated remote control
- Save your tools and their settings
- Consult your work maps
- Monitor mission progress and battery charge

YOUR TESTIMONIALS



"There's no soil compaction, no noise, it's really a traction robot. For hoeing, you get closer to the crop than a tractor. I'm never going back!"
PHILIPPE SIRE, MARKET GARDENER (France)



"OZ opens the furrows, sows and operates weeding, even when the tractor can't get into the fields. It reduces the workload enormously, to the benefit of our employees. We'll never go back."
HERVÉ & PATRICK POUTEAU, MARKET GARDENERS
Louverné (France)

TECHNICAL SPECIFICATIONS

MOTORS & BATTERIES

Drive wheels	4
Battery capacity	2,6 kWh
Range on a single charge	up to 8 hours
Charging time	6h

DIMENSIONS & WEIGHT

Standard width / with duals	0,44 m / 0,62 m
Length	1,30 m
Height (without lighting column)	0,83 m
Weight without tools (including battery)	160 kg

PERFORMANCE & SAFETY

Working speed	0,1 <-> 1,8 km/h
Lift capacity	60 kg
Augmented Autonomy (no supervision)	yes

naïo
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235 rue de la Montagne Noire - 31750 ESCALQUENS, France
tél. +33 9 72 45 40 85 - contact@naio-technologies.com
naio-technologies.com

