Our solution

Simple and **user-friendly** Human/Machine Interface, both for configuration and for **fleet monitoring**

We are at the forefront of **safety standards** because without safety, there is no autonomy

Electric power to reduce costs, noise, and pollution.

GPS RTK with a field accuracy of **2 cm.**
Easy Mapping for optimal configuration of your plot.

Versatility and availability of **mechanical tools** that can be used.

Thanks to our investments in research and development, software and hardware work in perfect harmony to provide optimal solutions for all types of crops.

Focus on OZ

naïo Technologies

Technical specifications

Power & Motors	4 WD - 100 % electric 4 electrics motors (250 W each) – 24 V
Range	Up to 8 hours work Lithium batteries (2,6 kWh)
Weight	150 kg without tools
Dimensions	Width : 45 cm (65 cm with duals) Length : 130 cm / Height : 83 cm
Speed	Up to 1.8 km/h
Guidance system	Autonomous work and tasks setting with GPS (RTK GNSS) with Naio Core system included
Safety	1 bumper
Control	Smartphone app remote, Internet connectivity
Lifting	1 electrical actuator. Capacity : 60 kg
Adaptable tools	Seed-drill, torsion spring, spiked-harrow, brushes, hoe blades, five-teeth harrow, planter, tow ball, etc.

Oz

Autonomous
Assistant
Speciality Crops

A multi-task and multi-crop robot

Oz is the perfect tool to **autonomously** assist you in your plot, outside and in greenhouses / high tunnels.

It's a **versatile robot** which helps growers in **daily activities.**

It can **weed in the row** and **between rows**, make furrows, sow, assist you in your work or carry loads for you.

Oz covers a wide set of crops thanks to its guidance system based on **RTK GPS**: *garlic, onion, carrot, lettuce, spinach, celery, pepper, cabbage, squash, wicker, fir, seed production, research station and aromatics plants, etc...*

naïo Technologies

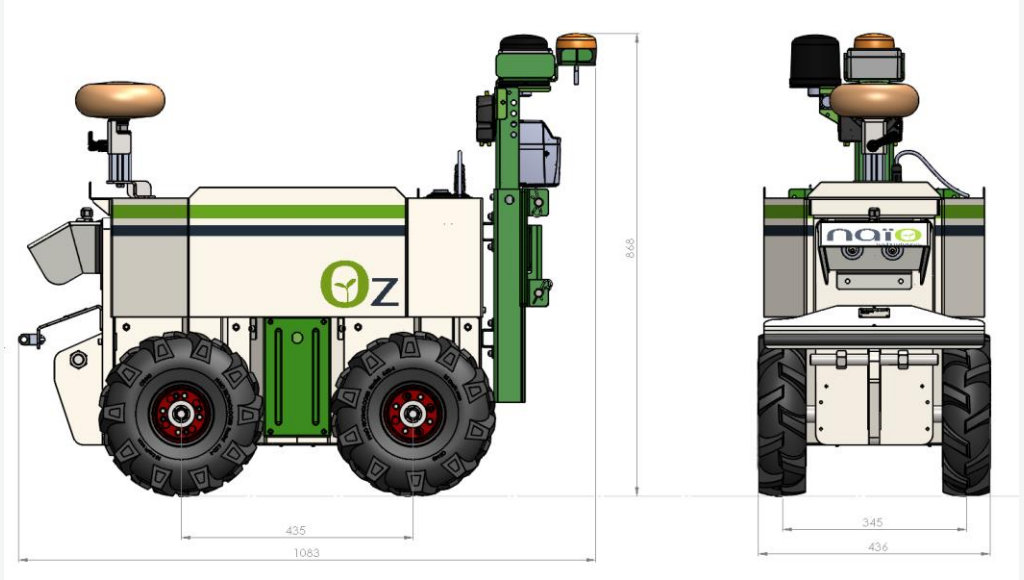
Oz
Autonomous Assistant Speciality Crops

The surfaces

- Oz will handle approx. 1.5 acres / day
- Total area manageable by the robot: 12 acres max.

Specification

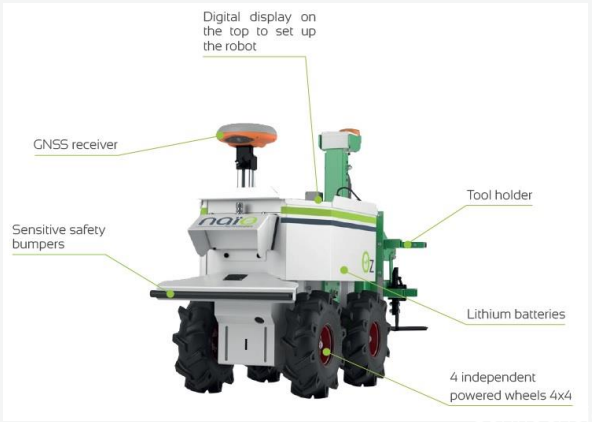
- Little slope / no cant
- Fine soil preparation, flat ground, no big rocks



Remote Control Application for smartphone = NaioCompanion

Available on the App Store

ANDROID APP ON Google play



Library and examples

OZ easy of start up & work readiness :
https://www.youtube.com/watch?v=bRLpc_-X7jA

OZ doing various tasks on the farm :
https://www.youtube.com/watch?v=wMYF32LY3E0

OZ doing various tasks with Dual wheels :
https://www.youtube.com/watch?v=LVssVoBltME

OZ in a commercial nursery for Vines :
https://www.youtube.com/watch?v=jOPCIp238v8

Oz on seeding and weeding :
https://www.youtube.com/watch?v=wMYF32LY3E0

Oz seeding under cash crop (sunflower) :
Click here

And plenty more on our Youtube channel:
NAÏO YouTube Channel

Versatility of the Oz robot

Seeding – Double Jang Automation & simple Ebra seeder

Manual version :

Electrical version :

Transplantation of seedlings, root balls and tubers

Planting bulbs - chain/buckets & turntable

UV boosting panel carrier

Furrowing – hilling up

Click on the red button link for watching video

Versatility of the Oz robot – mechanical weeding

On the row

Tine harrow on central row

Spring torsion

preci-discs

hilling up fingers

Inter - row

Fingers weeder

Weeding Lelievre blade and goose foot point

Wide tine harrow

plastic mulch side brushes

Click on the red button link for watching video

Versatility of the Oz robot – examples of customer installations

Vibra shank cultivator

Harvest assistant

Transport

Cutting runners on Strawberry

Band fertilizer spreader and broadcast Seeding

Gas engin & electric mower

Unwinding drip Tape & wire

Spraying

Click on the red button link for watching video