sanka naio

KEEP YOUR TOOLS.
CHANGE THE WAY YOU USE THEM.



More productivity.
More versatility. Zero emission.

100% electric, SANKA is an autonomous tracked tool carrier designed for perennial crops.

For 15 years, Naio has been developing agricultural robotics in close collaboration with farmers. **SANKA is the result of this experience and continuous dialogue with growers.**

Available in two versions, **Compact (1.3 m)** and **Large (1.8 m)**, SANKA adapts to your farm and your cultivation practices.

Why use Sanka?

01 Make the most of your existing equipment

SANKA works with your standard agricultural implements, allowing you to automate your operations without replacing your existing equipment.

- **3-point hitch:** use your existing implements
- **PTO:** power PTO-driven implements
- **Auxiliary hydraulics:** reuse your inter-row implements
- **On-board power supply:** run electric implements

02 Reduce your operating costs and environmental impact

Electric power and a tracked platform designed to work efficiently while helping preserve your soil.

- **Energy cost:** from €10/ha to €1.3/ha → up to 87% savings
- **2.2-ton tracked platform:** controlled ground pressure to help preserve soil structure
- **100% electric:** reduce your reliance on fossil fuels

03 Benefit from the Naio ecosystem

A complete robotic solution, from autonomous navigation to on-farm support.

- **15 years of field expertise:** support for implementing and deploying robotic farming operations
- **Proven navigation:** software developed specifically for agricultural applications
- **Naio App:** a simple, intuitive interface to manage your operations

A tracked robot that keeps its balance.

A unique innovation designed to deliver **safety, performance and versatility,** whatever the implement. **SANKA features a patented dynamic mass-balancing system.**

By continuously adjusting the centre of gravity in real time according to the rear-mounted implement and its weight, this technology ensures **high-precision guidance**, while optimizing **traction** and **power transfer** to the ground and helping to minimize soil **compaction**.



Technical data

Characteristic	
Width / Track width	1,300 mm / 1,000 mm 1,800 mm / 1,500 mm
Powertrain	100% electric
Traction power	64 kW / 87 hp
Operating speed	0.5–6 km/h
Lifting capacity	1,000 kg
Implement attachment	Standard Category 2 three-point hitch
Implement power supply	Independent PTO — 540 rpm, up to 23 kW Hydraulics - 2 spool valves — 4 quick couplers Electrical power supply - 2 Harting connectors
Guidance	GNSS RTK
Tracks	300 mm x 1150 mm *2
Weight	2,200 kg
Operation	Fully autonomous, day and night

Designed for safe operation.

REMOTE MONITORING CAMERAS

HUMAN DETECTION CAMERAS

OBSTACLE DETECTION SENSORS

VIRTUAL SAFETY BARRIER, GEOFENCING

EU Machinery Regulation 1230.

Compliant with the new EU Machinery Regulation applicable from 2027.

One machine. Multiple applications.



Mulch your pruning residues



Terminate your cover crops



Cultivate and maintain your inter-rows



Manage vegetation growth



Work the undervine area



Hill soil around the vines

And many more tools to come...

sanka naio

NOW AVAILABLE FOR PRE-ORDER, DELIVERY IN 2027

Book a demo

Get in touch
With our team

Access the full
Technical specifications

Winner of the EIMA 2026 Technical Evolution Award.

This project was co-funded by the French Government as part of the France 2030 investment plan.