

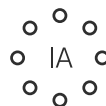


aisprid

AUTONOMOUS TOMATO PLANT DELEAFING ROBOT



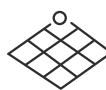
A sustainable answer to labor shortages



High-precision operation in a plant-growing environment



Optimum efficiency for deleafing cluster tomatoes, No.1 variety



Compatible with existing facilities



Produces a neat and clean cut



Supports crop protection

FABRIQUÉ
EN FRANCE



AISPRID

Developing plant production while helping people

With a soaring global population putting increasing pressure on agricultural production, Aisprid aims to develop Plant production while helping people by using high-precision robotics combined with AI.

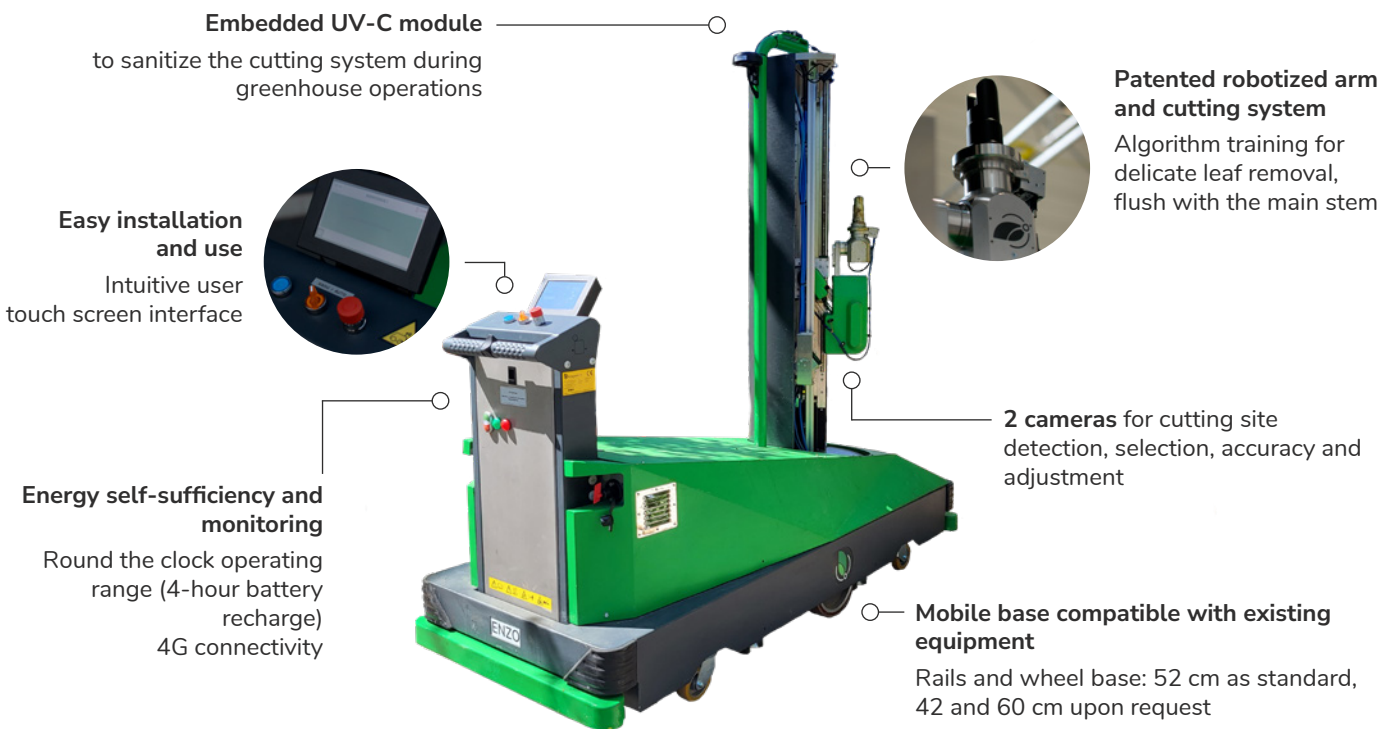
In response to labor shortages in the farming industry, Aisprid designs, manufactures and markets autonomous robots designed for the plant production sector, capable of analyzing the data and providing bespoke solutions.



→ Aisprid's easy-to-use and time-efficient high-precision agro-equipment can handle the most delicate tasks, and minimizes operational and health-related risks while improving work conditions for those working with plants and fruit alike.

→ In 2023, after a 3-year long R&D process and partnership with growers, Aisprid deployed a first fleet of high-precision, scalable tomato plant deleafing robots, to perform a crucially-important daily operation that favors light penetration and speeds up the fruit ripening process.

THE FUTURE FOOD SOVEREIGNTY LINCHPIN



Aisprid, a trustworthy partner
Design, manufacturing and monitoring control.

“Deleafing takes up 40% of the harvesting and deleafing teams’ working time. If Aisprid’s robots meet our requirements and standards, we’ll definitely be buying them. They increase growers’ peace of mind as they can bank on the work getting done on time.”

↓
Pierre Guyomar
Grower and equipment user

CHALLENGES FOR THE FRUIT & VEGETABLE VALUE CHAIN

« The major issue is the labor shortage »

The fruit and vegetable value chain is a linchpin of food sovereignty, yet currently half the fruit and vegetables eaten in France are imported. More specifically, 40% of the fresh tomatoes eaten in France are imported.

One of the main causes of our reliance on imports lies with recruitment issues and workforce management. This is a major global issue which directly affects daily operations in the greenhouse, such as tomato plant deleafing.

The pressure on growers increases every year, and so does food demand. The use of autonomous farming robots and drones are some of the innovations that could be the key to future food supplies.



Aisprid's deleafing robot provides a sustainable answer to labor shortages and relieves workers of physically demanding deleafing and crop protection operations.

BENEFITS FOR GROWERS



PEACE OF MIND

- The robot is guaranteed to be there when deleafing is required.
- Reduced recurrent recruitment and training costs.
- Round the clock deleafing.



HEALTH SAFETY

- Improved crop protection and health standard compliance.
- Reduced contamination risk with less seasonal worker movement.
- Clean cut reducing the risk of diseases.
- Integration of a UV-C sanitizing module for the cutting system, the part in contact with the plant and leaves.



JOB ATTRACTIVENESS

- Less physically demanding and improved work conditions.
- Heightened job appreciation with more time spent on value-added tasks.
- Team management visibility and less labor churn.



Operational sustainability leading to increased business viability.



Future development project opportunities.

“Robotizing greenhouse tasks is the future of our value chain. The more experience the robot gets, the better it performs: cutting is neater and the Aisprid robot is making good progress. It will continue to improve in terms of cutting precision and numbers of leaves cut.”



Marine Lec'hvien
Grower and equipment user



“Our robot operates with plants in a living environment. It can analyze this environment, understand it and act upon it accordingly. It currently handles a pivotal task in the tomato greenhouse, namely deleafing. Aisprid provides a sustainable answer to labor shortages while improving the working conditions of those who handle the plants. The aim of robotics coupled with AI is not to replace people, but to help them at work.”



Nicolas, Pierre-Edouard, Morgan
Aisprid’s cofounders

AWARDS



6 Allée Métis, Bâtiment A
35400 Saint-Malo
FRANCE

+33 2 57 64 07 95
contact@aisprid.com
aisprid.com

Partners



Investors

