

AGREENCULTURE

A French company that designs, develops and produces autonomous solutions for the agricultural world.

We co-design robotic solutions with farmers and manufacturers that respect the land and Human labour.



THOMAS BUGNON
NURSERYMAN

«The robots arrived three years ago on the farm. They are a new generation of tools that provide us with solutions and improve the quality of work.»



French Startup



Since 2016



45 employees

Financé par

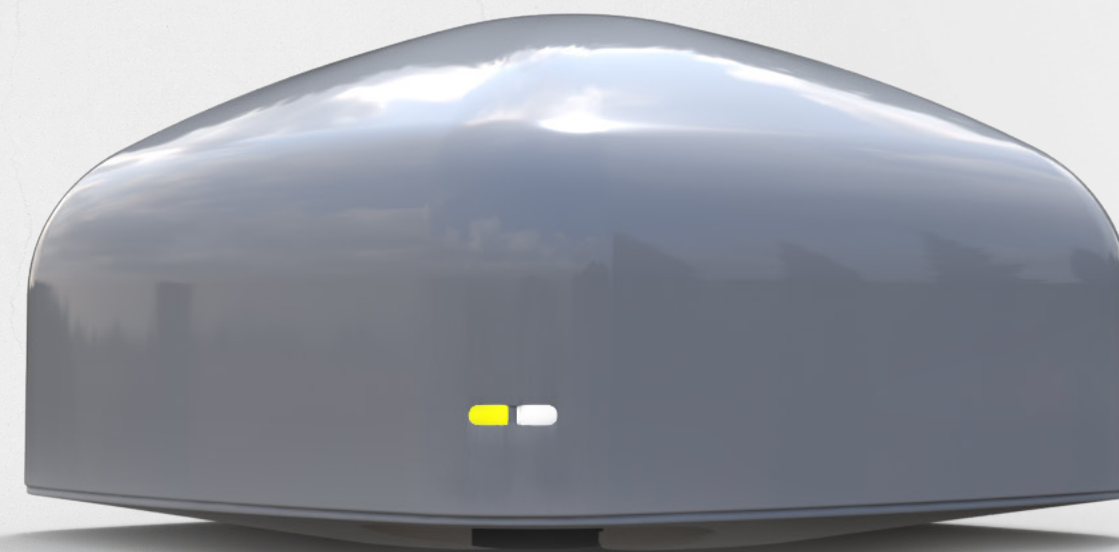


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AGC BOX

CONNECTED GUIDANCE AND
POSITIONING SOLUTION



Guaranteed tool
passage to the
centimeter



Autonomous
guidance



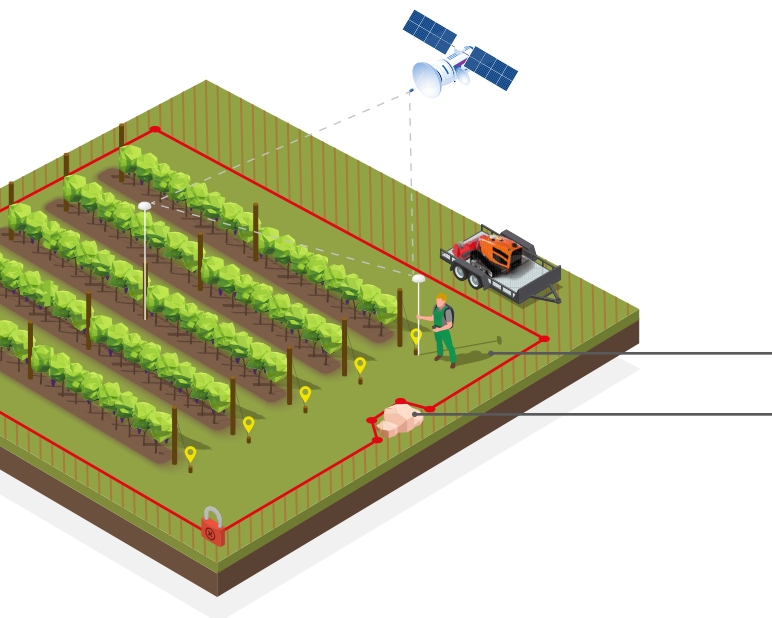
GNSS - RTK



Integrated
& secure

THE ROBOTIC SOLUTION FOR VITICULTURE

The AGC Box is a technology powerhouse for all your machine automation needs.



SURVEYING

This step consists of digitalizing the parcel and securing it with a virtual outline.

1. Installation of the baseline
2. Mapping of crop rows
3. Mapping of all obstacles (pylon, water hydrant, ditch, ...)
4. SafeFencing - Safety boundary line

SafeFencing is the certified safety feature which ensures that no part of the CEOL robot or its tool protrudes beyond the safety contour defined during surveying, the accuracy is centimetric.



GENERATION OF THE MISSION

A mission is the working path defined for a bot/implement combination on a plot.

5. Generation of the route for CEOL
6. Mission optimization
7. Validation test on simulator

COURSE OF ACTION

8. Activation of the robot and mission launch

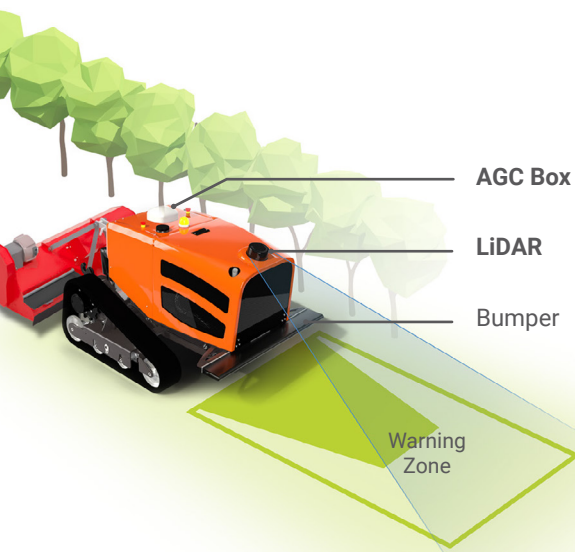
Transport, unloading, positioning.

9. Setting up CEOL and its tool

Working speed, working height, width, ...

10. End of mission

The robot returns to its parking area and alerts by SMS.



At the service of your expertise

By combining an ASIL B certified GNSS - RTK receiver and the computing power of a computer, the AGC Box supervises and secures the execution of work, and transforms the machines to make them autonomous and communicative. It is a powerful interface linking your expertise and the machine.

