



OCTINION
Engineering the future

The autonomous platform was developed in collaboration with



Advantages in a nutshell

- ⊗ Implementation without any structural changes
- ⊗ Flexible path definition
- ⊗ Centimeter precision
- ⊗ Available as OEM component or complete platform for a wide range of applications

Manufacture series >
Dribble



OCTINION

Octinion is an Innovative R&D company specialised in mechatronic product development and test & measurement solutions, with focus on the agriculture and food industry

Interleuvenlaan 46 - B-3001 Heverlee-Leuven
+32 16 38 73 10 - info@octinion.com
www.octinion.com

Dribble
Autonomous platform

Contact us to find out more about the availability and pricing of the autonomous platform. More information on www.octinion.com/dribble

Advantages and functionalities

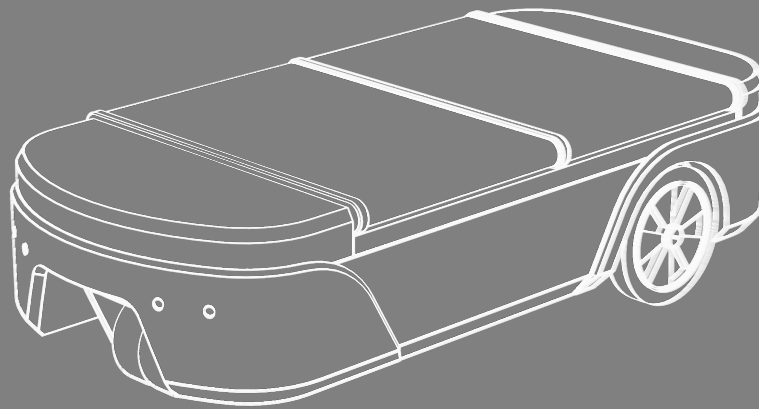
1. No structural changes needed

Navigation based on local beacons. Within a range of 100m around the vehicle there need to be at least 3 beacons available.

2. Full flexibility

- Navigation paths can be changed at all times
- The vehicle can navigate on all kinds of surface
- Inside and outside use possible

3. Precision up to a few centimeters



... for integrators

Positioning and control module are available as OEM components.

... for machine manufacturers

The platform can be used for your own applications. We can take care of the integration.

... in own applications

The autonomous platform is integrated in

- **the strawberry picking robot:** navigation of the robot in the greenhouse in order to pick strawberries and logistic handling for transportation
- **UV shining robot:** apply UV lights according to a time and crop schedule (application currently in test phase, in collaboration with Proefcentrum Hoogstraten)