

ANATIS



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Robotics at the service of agro-ecology! The first hoeing co-bot



ANATIS weeding co-bot !

ANATIS assists farmers by fully autonomously performing mechanical weeding tasks.

Thanks to its rear 3-point hitch linkage, the flexibility of this co-bot means that it can perform a variety of jobs using various tools.

The brand's experience in mechanical weeding ensures that the machine is truly effective when performing this work. Further, our brand's inter-row hoes and comb harrows have been adapted to optimise this work.

ANATIS is a connected agricultural co-bot that does not

replace a farmer in their daily work, but rather allows them to concentrate on activities that add the most value.



CO-BOT guidance

- Dual Trimble GPS antenna
- Dual lens high resolution camera
- Acts very early on, as soon as the plant reaches 3cm in diameter
- Works in addition to GPS

Tool guide configuration

- Sideways motion system integrated into the controlled lifting function using electric jacks
- 300mm travel

Remote control

The remote control supplied with **ANATIS** was specially designed for **ANATIS**.

An emergency stop button is located in the centre of the remote control panel to quickly stop the co-bot even from a distance. An emergency stop system is also provided should the remote control be inclined sharply.

To allow manual movement and motion, a dead man's switch is located on the left hand joystick.

Pictogram showing the functions of the switches and joysticks are provided to limit any operating errors.

The remote control has a control range of up to 500m. A strap is provided for carrying the remote control.



Lifting

- A 3-point Category 1 hitch linkage
- 530mm action travel
- 350kg lifting capacity
- 3 mounting positions for the bolted hitching arms
- Accurate adjustments are possible along the last 10 centimetres of cylinder travel



Battery

- Electric power is stored in the lithium-ion battery pack
- Interchangeable battery packs for extending the working

day

- Simple and safe hitching system
- The battery is protected by a full cradle and sealed to IP65 standards
- Operating endurance of 7 hours and 30 minutes with a battery pack
- The battery uses a Battery Management System (BMS)



Hoes



- Choice of tool configuration
- Easy and accessible adjustment
- 3-point hitch linkage

Spring harrow



- Passage to the sample
- Passage to the scoring stage
- 3-point hitch linkage