



Automatic steering.  
Precision hoeing.

***CULTI CAM***

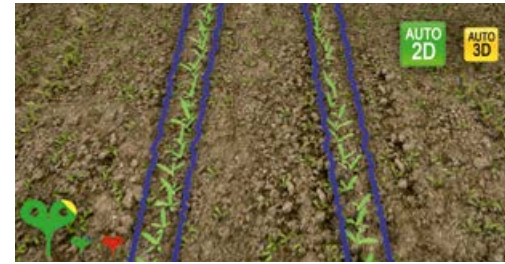
**CLAAS**



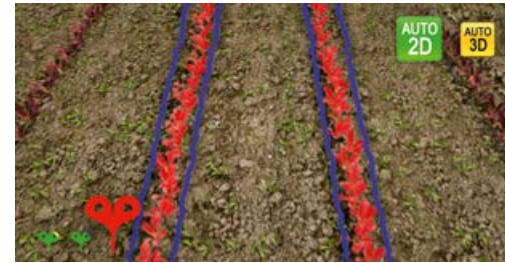
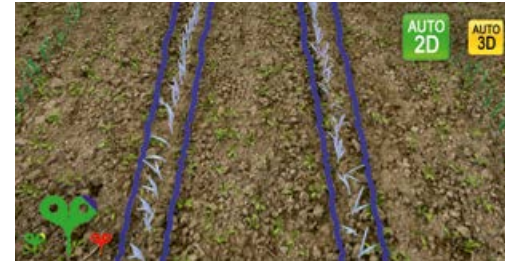
# Increase your work rate by up to 25%.



▲ With CULTI CAM you can drive faster and increase your work rate by up to 25%.



◀ 2D colour segmentation  
(green / yellow, green / blue, red)



**CULTI CAM is typical of CLAAS engineering.**  
All components of field-tested CLAAS quality certified to ISO standards.

Reliable service and manufacturer support.

Intuitive control under all operating conditions.

Stereo camera with unique 3D functionality for outstanding results.

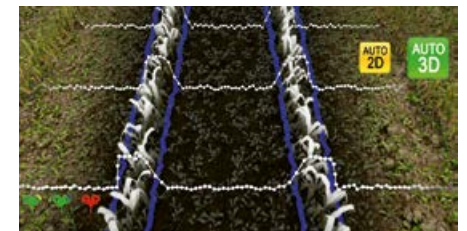
CULTI CAM was developed for automatically steering cultivators in row crops. The system detects the rows and guides the hoe along the crop with inch-perfect precision. As well as 2D colour segmentation, the system also features a stereo camera for 3D object detection.

### Benefits for the operator:

- You can work closer to the plants for targeted weed control
- You don't tire so easily and avoid damaging valuable crops
- With automatic driving error compensation, even inexperienced operators can work efficiently

Whether we are developing a LEXION, a JAGUAR or a CULTI CAM, at CLAAS our aim is always the same: to provide farmers with outstanding quality which guarantees high operational reliability, is easy to operate and makes field work more efficient.

▶ 3D object detection



# You need a keen eye in row crops.

Robust CULTI CAM main components

CULTI CAM takes everything in its stride. It is dust- and waterproof, can withstand high temperatures and does not cause electromagnetic interference to other devices. Every component that leaves our factory is certified to the relevant standard.



- ◀ CLAAS CULTI CAM MK4HD
  - The dust- and waterproof stereo camera reliably detects colours and 3D shapes
  - IP rating IP6K9K



- ◀ CLAAS UBM control module
  - The module incorporates the system software and calculates the control commands
  - IP rating IP5K9K

- ▶ CLAAS COMMUNICATOR III
  - The operator can adjust and monitor the camera and view the integrated video stream at all times on the 8.4" terminal
  - IP rating IP64



- ◀ CLAAS hydraulic valve
  - The valve for black-and-white and proportional mode includes a dust indicator and oil filter

## Useful additional components for CULTI CAM.

- LED lighting package for precision work in twilight and at night
- Second camera on the cultivator for better results in wedge-shaped fields
- QUALITY CAM for excellent close-ups for checking work quality
- Load-sensing option for energy-saving, even more efficient use of hydraulics
- ISO sensors for speed and operating position signals

# CULTI CAM continues to evolve.

## Intelligent automated lighting.

The LED lighting package switches on and off automatically according to the natural light conditions. At the same time, the software automatically adjusts to the natural or artificial light source.

- Optimal work quality at any time of day or night
- Significantly reduces operator workload
- Available from October 2023

## Full ISOBUS compatibility.

In future CULTI CAM will be also available as an AEF-certified ISOBUS implement. All functions can be accessed from the existing machine terminal.

- No additional terminal is needed
- Enables ergonomically optimised work using the F keys on the control lever
- Available as a limited preseries for the 2024 cultivating season

## CULTI CAM.

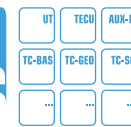
Farming is a dynamic sector. Technology continues to develop rapidly and system requirements are constantly changing. But we are well-prepared.



AEF Certified

**ISO BUS**

[www.aef-isobus-database.org](http://www.aef-isobus-database.org)





**We have been involved in precision farming for decades.**

For more than 20 years, CLAAS E-Systems has been manufacturing innovative camera systems designed to make precision cultivation easier and more efficient. Since taking over the vision and laser systems manufacturer ECO-DAN in 2006, we have regularly received awards for our pioneering innovations in the agricultural sector.

[claas-e-systems.com](http://claas-e-systems.com)



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Discover more about CULTI CAM.  
[culticam.claas.com](http://culticam.claas.com)

