

SENSOSAFE  
Assistance system for detecting animals

 **PÖTTINGER**

# For the welfare of wildlife and livestock

Coming soon



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## SENSOSAFE – for the welfare of wildlife and livestock

The timing of the first cut coincides with the fawning season of roe deer and other wild animals. Due to their natural reflex to seek cover, fawns do not run away from danger. This instinctive behaviour makes it especially difficult to spot animals hiding in the grass. It happens over and over again that animals are seriously injured or even killed during mowing.

SENSOSAFE is an automated sensor-based assistance system that detects animals, this convenient system enables you to identify fawns and other wild animals hiding in the field. Sensors convert different wavelengths of light into an electrical signal. Depending on the system, it either warns the driver or automatically raises the mower unit and saves wildlife. You prevent carcasses from contaminating your forage and avoid the risk of your cattle contracting life-threatening diseases such as botulism. This system helps you protect wildlife and your livestock at the same time.



### SENSOSAFE

The sensor bar is mounted directly on the front mower. If the sensors detect an animal, the mower's hydraulics system automatically raises the front mower. In addition, it sends a signal to the tractor cab so that the driver can stop the tractor.

SENSOSAFE is available as an option for NOVACAT ALPHA MOTION MASTER and PRO mowers.

### SENSOSAFE 300

We developed SENSOSAFE 300 for mowers up to approx. 3 metres wide. The system is fitted to a mounting frame and utilises the tractor's hydraulics. The sensors send a signal to the tractor cab if anything is detected.

When used with a rear mower, the system is mounted on the front linkage. This gives the driver plenty of time to stop the tractor and raise the mower.

When used with a front mower, the system scans the next pass. This means the SENSOSAFE sensor bar can be mounted either on the front or rear linkage.

SENSOSAFE 300 is manufacturer-independent and can be used with your existing mower.

### SENSOSAFE 1000

SENSOSAFE 1000 is designed for mower combinations between 8 and 10 metres wide.

The sensor bar is fitted to a mounting frame on the front linkage. The sensors send a signal to the tractor cab if anything is detected. This gives the driver plenty of time to stop the tractor and raise the mower.

This solution is manufacturer-independent and can be used with your existing mower.

## The advantages of SENSOSAFE

SENSOSAFE keeps livestock healthy while saving wildlife at the same time, this is achieved with the highest level of operating convenience. Mowing and wildlife detection in a single pass.

- Save resources: No additional time or personnel needed for searching the fields prior to mowing
- Works reliably at any time of day: The optical sensors are not dependent on lighting conditions or temperature
- Ready for immediate use: SENSOSAFE can remain mounted on the front mower once unhitched
- No additional effort required from the driver or the tractor



### Simple operation

SENSOSAFE is operated using the SELECT CONTROL terminal. The triggering sensitivity can be adjusted in three steps.

If an animal is detected, the system signals the driver both visually and acoustically. When SENSOSAFE is mounted on an ALPHA MOTION front mower, the mower is lifted automatically by the SELECT CONTROL system. Folding into the working or transport position is also operated using the control terminal.

### “SENSOSAFE can be used around the clock”

“We have been testing the new SENSOSAFE system from PÖTTINGER for 9 days so far. The tests have all gone very well, with several other smaller animals also being detected in addition to fawns. The SENSOSAFE system can be used at any time of day or night.”

Bavarian State Institute for Agriculture | Germany

Field tested spring 2020

### “Easy to use and very reliable in detecting animals”

“On the pilot farms at INNOVATION FARM Wieselburg, the performance of SENSOSAFE has completely convinced us of its reliability. An average triggering probability of 92 % was recorded across all test variants. In normal conditions, reliable detection is possible at any (technically reasonable) driving speed. In extreme conditions (crop height of 60 cm or more), mowing speed needs to be limited to around 10 kph to reliably detect and rescue animals.”

INNOVATION FARM Wieselburg | Austria

Field tested spring 2020



## More Success with PÖTTINGER

- A family-owned company since 1871.  
Your reliable partner.
- Specialist for tillage, seed drills,  
hay and harvesting machines
- Future-safe innovation for outstanding working results
- Roots in Austria - at home throughout the world

## Rely on SENSOSAFE

- Avoid killing wild animals
- Ensure the health of your livestock
- Stress-free mowing
- Save resources

## Ask for more information:

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