



# Inclisafe VAGR



## WORKING PRINCIPLE

INCLISAFE is a patented device that measures both the inclination and the dynamic parameters of the machinery in which it has been set up, which will change based on the terrain conditions and the velocity of said machinery. With all of these parameters, INCLISAFE calculates at each moment the tractor stability and warns the driver about a potential rollover risk, if necessary, through a variable frequency alarm.

INCLISAFE meets all the CE certification requirements, regarding product quality, and EMC.

## TECHNICAL DATA

•Suitable for	Wheeled tractors, Crawled tractors
•Dimensions	110x65x55 mm
•Power Supply	12 V - DC
•Power Consumption	0.24 W
•Working Range	$\pm 50^\circ$
•Measure Directions	Longitudinal - Lateral
•Precision	0.12°
•Fastening	Velcro® / Bolts
•Alarm Power	85 dB @ 12V
•Alarm levels	4
•Set Up	USB Connection - Inclisoft Software



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## SET UP

INCLISAFE is set up using Inclisoft software. Inclisoft Includes a database with the dimensions and properties of over 1000 models of tractors, as well as the possibility of introducing the properties of any personalized wheeled or crawled tractor. As well, Inclisoft allows the user to load into the INCLISAFE up to 5 different working configurations, depending on the tractor tools, implements and accesories to be used in each situation. The user only has to define the combination of accesories and their dimensions, for each working condition. In this way, if the tractor load and weight distribution changes because the implements and tools have been changed, the user only needs to switch the selector to the correct position and INCLISAFE will take the changes into account.

## ALARM LEVELS

INCLISAFE will emit a sound alarm of increasing frequency, as a function of the rollover risk due to loss of the vehicle stability.

ALARM LEVEL	FREQUENCY	MEANING	MEASURE TO TAK
1	1 beep/sec.	Punctual instability / Bump	None. If higher speed, it might lead to instability.
2	3 beep/sec.	Slight instability event	Reduce speed
3	6 beep/sec.	High instability event	Reduce speed. Drive towards a lower slope terrain.
4	Constant	Inminent rollover risk.	Drastically reduce speed. Drive towards a lower slope terrain.

## INCLISAFE VAGR - ADVANTAGES

- **It warns you not only about inclination**, but also about vibrations that are dangerous for the tractor stability.
- **Learn how your tractor behaves** - Avoid future situations of potential danger.
- **It won't distract you attention** - the alarm will warn you about the instabilities without having to look at any sort of visual display.

IMPORTANT: INCLISAFE does not substitute any vehicle safety system

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