



## RAVAS SafeCheck Prevent dangerous overloads Owner's Manual

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# RAVAS

RAVAS SAFETY LINE  
RAVAS-SafeCheck  
Owner's Manual



Weight and warning system for forklift trucks

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## BENEFITS

- Provides weight and overload warning
- Maximum allowed weight entered via keypad
- Buzzer alarm goes off during overload
- Easy installation via T-coupling
- Can be installed on any lift truck (retrofit)



**Top quality**

**For safe handling**

## STANDARD SPECIFICATIONS

- Capacity: equal to lifting capacity of the truck
- Graduation: 50 kg till 5000 kg capacity; 100 kg by higher capacity (till 30.000 kg)
- System tolerance weighing: 2% of system capacity
- Display: LCD, digit height 18 mm
- Controls: 3 function keys, on/off button
- Without tare entry function
- Power supply: 12Vdc, from truck battery
- Automatically switches on when the truck starts
- Also works in combination with forklift attachments

### **About RAVAS-SafeCheck**

The RAVAS-SafeCheck is a warning device with a buzzer alarm that sounds whenever the load on the forks exceeds a preset limit, assisting the driver in avoiding potentially dangerous overload situations.

The RAVAS-SafeCheck is a simple and affordable warning system for forklift trucks, with an audio alarm that goes off when the weight on the forks exceeds a preset limit. The alarm only switches off again once the load is reduced to below the limit again.

### **System package**

- Oil pressure sensor, cable length 7m
- Indicator 12 Volt including buzzer
- Steel mounting bracket

- Mounting- and calibration instructions
- Operator manual

## WEIGHING TOLERANCES

LIFTING CAPACITY	MAXIMUM TOLERANCE *
1.200 kg	50 kg
1.600 kg	50 kg
2.000 kg	50 kg
2.500 kg	50 kg
3.000 kg	100 kg
4.500 kg	100 kg
7.500 kg	200 kg
10.000 kg	200 kg

\* Tolerance may occur above or below the weight on the display

## HOW RAVAS-SafeCheck WORKS

The RAVAS-SafeCheck uses a pressure sensor to measure the hydraulic pressure in the lifting circuit (cylinder) of the truck by means of a T-coupling. The indicator in the cabin translates the measurement into a weight indication of the load on the forks. Using the keyboard of the indicator a maximum allowed load can be entered. Every time the load on the forks exceeds that value, the warning buzzer goes off.

To reduce the influence of the condition of the mast and the cylinder, the weighing is always performed at the same height. To ensure this, stickers are placed on the mast and carriage plate to clearly mark the reference height at which the weighing should occur.

The system is powered by the truck battery and automatically switches on when the truck starts, so it's active whenever the truck is operative.

### OPTIONS\*

- Power convertor 24 – 100 Vdc – > 12 Vdc
- Scale capacity > 2500 kg



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\* The use of options may change related specifications. Changes reserved rev.20230727

## Documents / Resources



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