

# Overload Safety

**ED2-SLL% Series**

Material Handling Vehicle Lifted Load Indicator

**Safe-Load-Lift**



Loads moved by a typical material handling vehicle come in a variety of different shapes, physical size and weight.

When the load weights are not clearly marked, not marked at all or weight data is wrong there is a possibility of the unsafe conditions that might result in the danger to the operator and damages to the goods being handled and to the operational facility.

The information on the vehicle name plate indicating the maximum lifting capacity at that point will not help the operator at all.

## **Economical Solution**

The automatic load weight indicator installed on the dashboard showing the percentage of the vehicle maximum lifting capacity, **Safe-Load-Lift** digital indicator.

[www.skidweigh.com](http://www.skidweigh.com)

### How Does It Work

The pressure transducer is installed in the lifting hydraulic line between lift control valve and lifting cylinder. Digital indicator installed on the dashboard will continuously show to the vehicle operator the loads lifted in percentages of the vehicle maximum lifting capacity.

The end user can pre-set AUDIO/VISUAL overload warning point within the whole lifting operating range. If the overload has been reached the AUDIO / VISUAL alarm will come on and will be activated until the overload load has been lowered to the ground.

### System Calibration

Fully automatic calibration by lifting the empty forks and loaded forks just above the ground.



### Digital Indication in %

The Safe-Load-Lift system shows in the % of the vehicle maximum lifting capacity. This indicated value is updated every second.



### System Application

All kinds of material handling vehicles for lifting capacity to up to 50000 pounds or kilograms. For material handling vehicles that are operating with more than one attachment the Safe-Load-Lift can be supplied with two overload warning channels.

*(When ordering two channels you must specify ED2-2X-SSL%).*

### Operating Voltage

- 12 to 55 V DC

### Digital Indicator

- Six LED digits, showing in %

### Audio / Visual Warning

- Display flashing and buzzer

### Optional Connection

- External connection to a strob light

For material handling operations, especially for the facilities utilizing racking this automatic load indicator is a simple way to keep eye on the operator safety, minimize the vehicle stress and prevent damages to the goods handled and eliminate damages to racking.



The bottom line results are safer operation and better productivity.

What is that worth to your company?



Order Number: **ED2-SLL%**