

# SkidWeigh

## ED-Series

Lift Truck On-board Check Weighing

### Automatic Load Weight Verification

The ED Series SkidWeigh System is an electronic device that can be installed on any lift truck having a maximum lifting capacity of up to 10,000 kg or lbs.

Every time a skid load is picked up, the hydraulic pressure on the vehicle is automatically activated and converted to a weight measurement that is visually presented to the operator via an LED digital display.

**No special operator training is required**

**Step 1.** Pick up the skid and read the load weight shown on the indicator.

**Step 2.** Compare the indicated load weight against the reported load weight.



- A. If the load weight variance is within the acceptable company level, then the skid load can move to the destination trailer, holding area, etc.
- B. If the load weight variance is over the acceptable company level, then the skid load is moved to the "Legal for Trade" floor scale for final verification and creation of a scale ticket.

### Review for Management ...

*Example: Freight Transportation Facilities*

Based on typical freight weight charges of \$10.00\* per 100 pounds and with a weight recovery program of only 1,000 pounds per forklift per working day, your company revenue can increase approx. \$ 25,000 per operator per year.

This equates to a return of ten times your investment cost for the first year. Payback can be as little as four weeks, depending on the shipping practices of your customers and your timing and approach to recouping these lost revenues.

*Note:\* Depends on commodity, service level and distance*

### Benefits and R.O.I. Analysis

Obviously the more forklifts equipped with on-board check weighing, the greater the potential return.

If it takes 10 forklifts to handle your cross dock volume and you have only one vehicle equipped with a SkidWeigh unit, you will be missing out on 90% of your potential freight weight recovery revenues.

### Applications

- **Transportation**
- **Manufacturing**
- **Warehousing**
- **Distribution**

## Installation

The ED Series SkidWeigh System can be installed and calibrated by a local lift truck dealer technician or the end user's lift truck mechanic.

The installed system is calibrated with two known skid load weights on the forks. The forks are raised off the ground, within a free lift.

Every ED Series Skidweigh kit is supplied with a 5 min. VHS installation video.



## Technical Data

### Electrical

- Voltage 12 to 55 V DC
- Current: Operating 300 mA

### Environmental

- Operating temperature  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Water and dust resistant

### Physical

- 3.5" Diameter, 3" Depth

### Technology

- Micro Controller

### Pressure Transducer

- Port connection, 1/4"-18 NPT, male

- Proof Pressure, 2x range or 10,000 PSI
- Burst Pressure, 5x range or 25,000 PSI
- Environmental: NEMA 4X
- Reverse polarity protection
- Over voltage protection

- Short circuit protection

### System Check Weighing Accuracy

- +/-1% of lift truck lift capacity

### Mounting Bracket

- Adjustable mounting cup

### LED Display Indicator

- Readout type, four LED digits
- Readout range 9990 kg or pounds
- Display intensity, automatic night dimming
- Operating humidity range, 0-95% R.H.

