

# SkidWeigh

## ED2-1000-GSM Series

### Freight Weight Verification

OSHA Pre-Shift Checklist Acknowledgment , Onboard Lift Truck Operator Under Utilization Visual Warning & Automatic Web Based Reporting in Real-Time

# Lift Truck Productivity

The **ED2-1000-GSM Series SkidWeigh** system is general application, heavy duty, fully automatic microprocessor electronic device that measures the load weight and will display visual warning to the operator when vehicle is operating under utilization factor. The system can be installed on any forklift regardless of the vehicle make, model or operating voltage with the maximum lifting capacity of up to 50,000 kg or lbs. Every time a skid load is picked up the increase in hydraulic pressure on the vehicle lifting circuit will automatically activate the "weighing cycle at sample rate of 16000 readings per second" and convert it to a load weight measurement that is visually presented to the operator via a five digit large LED display.



- 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.*

### Web Based Reports

New tools allow material handling managers to track lift truck activity/ operator accountability in real time from anywhere where browser service is available which includes exception reports with e-mail notifications.

- *Under Utilization Start Time*
- *Under Utilization Stop Time*
- *Total Under Utilization Time*
- *OSHA Safety Checklist Acknowledgment*
- *Vehicle Impact Detection*

### Benefits



Patented technology of the vehicle usage with onboard lift truck visual indication in real-time to the operator when vehicle is under utilized your material handling operational efficiency will increase immediately. Guaranteed!

The system applications in LTL transportation industry when more lift trucks are equipped with on-board check weighing, the greater the potential return.

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

See the article from National Freight Traffic Association "Weighing and Research Programs for Trucking Companies"



## Technical Data

### Electrical

- Voltage 12 to 55 V DC
- Current: Operating 40 mA

### Environmental

- Operating temperature  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Water, dust and corrosion resistant, 4X protection

### Physical

- 120 x 80 x 55 mm, polycarbonate enclosure

### Technology

- Micro Controller

### Pressure Transducer

- Port connection, male thread 1/4"-18 NPT
- Proof pressure, 2.5 x range or 6,000 PSI

- Built-in pressure snubber
- Environmental: NEMA 4X
- Reverse polarity protection
- Over voltage protection
- Short circuit protection
- Housing material, Stainless steel, (AISI 303)
- Weight 95 grams
- Installation, unrestricted

### System Check Weighing Accuracy

+/- .5% to 1% of lift truck lifting capacity

### Mounting Bracket

- Adjustable mounting bracket included

### LED Display Indicator

- Readout type, large six LED digits
- Readout range 50,000 kg or pounds
- Bright red display intensity
- Operating humidity range, 0-95% R.H

### Wireless Module— Dual Band (GSM2354)Your



*Local Forklift Dealer*