SkidWeigh

ED2-Print Series

Forklift On-board Freight Check Weighing

Automatic Check Weighing with the Capability to Connect External On-board Printer

Electronic Digital Indicator

The **ED2-Print Series SkidWeigh** system is general application, heavy duty, fully automatic microprocessor electronic device that measures the load weight with the capability to connect external On-board printer. 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.*

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 approximately $ 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.

Benefits and ROI Analysis *

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

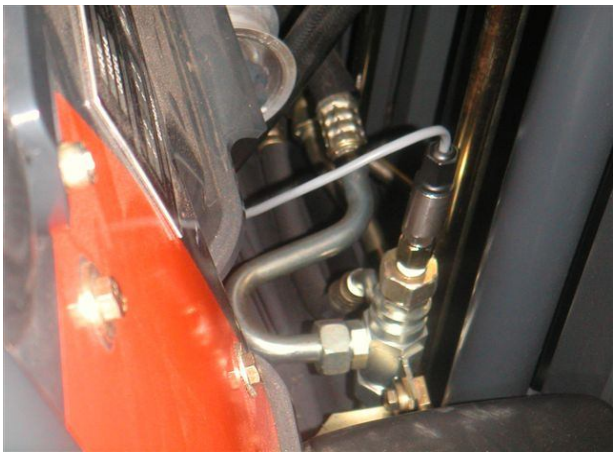
If it takes 10 forklifts to handle your cross dock volume and you have only one vehicle equipped with a SkidWeigh unit, you will be missing out on 90% of your potential freight weight recovery revenues.

* See the article from National Freight Traffic Association "Weighing and Research Programs for Trucking Companies" at www.skidweigh.com

Installation

The **ED2-Print Series SkidWeigh** system can be easily installed and calibrated by a local lift truck dealer technician or the end user's lift truck mechanic.

The installed system is calibrated automatically by lifting known load weight on the forks



Typical Installation of the ED2 Series Pressure Transducer in Lifting Hydraulic Circuit

Technical Data

Electrical

- Voltage 12 to 55 V DC

- Current: Operating 30 mA

Environmental

- Operating temperature –40ºC to +70ºC

- Water, dust and corrosion resistant, 4X protection

Physical

- 120 x 80 x 55 mm, polycarbonate enclosure

Technology

- Micro Controller

- RS-232C output

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

Your Local Forklift Dealer