

# SkidWeigh

## ED2-400-01 Series SkidWeigh Kit

With Lift Truck Under Utilization Visual Warning  
Shown On LED Display & Dry Contact For External Warning

Lift Truck Under Utilization Visual Warning

The **ED2-400-01 Series SkidWeigh Kit** is fully automatic lift truck check weighing system with visual warning shown to the operator on LED display when vehicle is operating under the utilization factor. Dry contact S.P.S.T N.O. is available for additional external audio / visual warning. With a constant measurement of the vehicle under utilization on every lift truck, every day and automatic reporting of exceptions your material handling facility will achieve a substantial increase in percentage of vehicle hours utilized. The worldwide patented technology incorporates specific automatic operational measurements and onboard calculation that will provide your operator with a visual warning immediately and real time reporting of the equipment when operating under utilized factor for your operational facility.

### Features

- Standard on-board check weighing
- Visual warning to the operator when vehicle operating under utilization factor
- Digital indication of pre-warning timeout shown to the operator in seconds
- External dry contacts for connection of external audio / visual warning when vehicle is under utilized
- Dry contact, N.O., S.P.S.T. maximum load 1A
- Lift truck weighing range up to 50000 pounds or kg
- Vehicle operating voltage from 12 to 55 V DC
- Universal system application for all kinds of lift trucks
- System is fully automatic, no operator input required
- No IT support required to get system up and running
- Utilization factor can be changed by the end user, if required



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

## Operation

The unit of measurement for the vehicle under utilization factor is the software algorithm and onboard calculations expressing driving loaded, unloaded, lift times, number of lifts, specific events and the load weight values against the lift truck operator presence time.

The current status of the vehicle utilization is shown to the lift truck operator all the time. Visual pre-warning to the operator is also shown on LED display as a time out in seconds when vehicle utilization is getting close to the under utilization factor value.



ED2-400-01 SkidWeigh kit with optional USB data logger

## Load Weight Verification

Every time a skid load is picked up the increase in the hydraulic pressure in vehicle lifting circuit will automatically activate the “weighing cycle at sample rate of 1600 readings per second” and convert it to a load weight measurement that is visually presented to the operator via a five digit large display.



Typical Hydraulic Pressure Transducer Installation

## Installation

The **ED2-400-01 Series SkidWeigh** system can be easily installed and calibrated by a local lift truck dealer technician or the end user's lift truck mechanic.



Optional External Visual Warning  
Dry Contacts, S.P.S.P N.O. Max. Load 1A

## Benefits

The **ED2-400-01 Series SkidWeigh** system is the industry's only solution that automatically transforms vehicle usage pattern data into meaningful information in real time reporting. The fact that all of the lift truck operator's performance is visible right on the vehicle, all the time is in itself a means of improved vehicle utilization by 25% to 30% minimum without any analysis.



Your Local Lift Truck Dealer

