

SkidWeigh

ED2-500 Series SkidWeigh Kit

With Lift Truck Impact Detection Visual Warning & USB Data Logger

Lift Truck Impact Visual Warning

The **ED2-500 Series SkidWeigh Kit** is fully automatic lift truck check weighing system with visual warning shown to the operator on LED display when vehicle impact is detected.

Features

- Standard on-board check weighing system
- Automatic visual warning to the operator shown on LED display when engine impact is detected
- All LED display digits will show 0's and will be "flashing" indicating the impact event
- To reset impact warning and stop LED display "flashing", power to the vehicle has to be turned off
- USB data logger will record all impact events in real time / date format
- Digital input for time delay before engine or lift circuit disabled. Valid time is from 0 to 999 seconds.
- Storing up to 32510 impact events
- USB interface to set up and data download
- Data logger mounting bracket
- Supplied with Windows software
- 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
- Optional * engine shutdown or lift circuit being disabled

** The function of the vehicle lift circuit being disabled or engine shutdown when lift truck impact detected is not recommended by IVDT Inc. This is very costly procedure to have authorized staff to come to the vehicle and deactivate the impact detection system.*

The solution is to measure and record all lift truck impacts.



Operation

A countdown sequence or immediate visual warning is shown on LED display when vehicle impact is detected. The audio warning, built in buzzer will be activated and with USB data logger will record the impact event in real time / date format. To deactivate visual warning, power to the vehicle has to be turned off.

System Advantages

- Standard onboard check weighing system
- Visual warning to the operator when impact detected
- System will detect all impacts
- Simple installation, no external wiring, relays, sensors
- No need for the end user to adjust sensor sensitivity
- No iButtons, system set up, maintenance or reset keys
- System does not have to be deactivated by anyone
- No false alarms
- Impact recording in real time / date format
- No IT support required



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 **ED2-500 Series SkidWeigh** system can be easily installed and calibrated by a local lift truck dealer technician or the end user's lift truck mechanic.

Benefits

ED2-500 Series SkidWeigh will verify your customer skid load weights and reduce number of impacts and minimize damages to the your operating facility. System eliminates false impacts alarms and very costly procedures to deactivate the system by authorized staff found on some other systems.



- **ED2-500 Series SkidWeigh**, standard check weighing system with visual warning shown on LED display when impact is detected
- **ED2-300-DL Series SkidWeigh**, standard check weighing system with visual warning shown on LED display when impact is detected and USB data logger recording all vehicle impacts
- **ED2-300-Key Series SkidWeigh**, standard check weighing system with visual warning shown on LED display when impact is detected. Lift circuit or engine will be disabled. Use key to reset the system.
- **ED2-300-FW Series SkidWeigh**, standard check weighing system with visual warning shown on LED display when impact is detected. Accumulative load weight function included. System application is for LTL freight transportation loading docks.
- **RTR-500** Standalone impact warning / recording system with visual warning shown on LED display when impact is detected. USB data logger and Windows software is included.

Your Local Lift Truck Dealer

