

SkidWeigh

ED2-300 Series SkidWeigh Kit

With Lift Truck Engine Idle Visual Warning Shown On LED Display / Engine Shutdown

Lift Truck Engine Idling Visual Warning

The **ED2-300 Series SkidWeigh Kit** is fully automatic lift truck check weighing system with visual warning shown to the operator on LED display when vehicle engine idle limit is exceeded. The ED2-300 Series SkidWeigh is also available with the engine shutdown function.

Features

- Standard on-board check weighing system
- Automatic visual warning to the operator shown on LED display when engine idle time limit is exceeded
- Time out in seconds shown to the operator
- Standard default allowed engine idle time is set to 3 minutes
- Engine idle time warning can be re-adjusted by the end user. Valid times are from 0 to 999 seconds.
- Enhanced safety of the system with detection of the load on the forks.
- Developed for the application on lift truck vehicles only.
- No additional switches required (parking brake, seat switch, engine RPM, etc.)
- To reset engine idle warning, turn power off
- 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



Operation

A countdown sequence is initiated when lift truck is not operating and is standing unloaded. If the vehicle is moved before the time period expires the control unit will be reset and visual warning will stop or the engine will not shutdown, depending on the system configuration.

Safety

The operational concept is taking into consideration the measurement of the load weights on forks. This measurement will enhance the operational safety during the engine idle shutdown procedure.

The **ED2-300 Series SkidWeigh** is designed for the application on material handling vehicles only.



Excessive engine idling

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 **ED2-300 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

ED2-300 Series SkidWeigh will verify your customer skid weight, reduce number of operating hours while idling, create safer working environment with less noise and pollution and save you money.



- **ED2-300 Series SkidWeigh**, standard check weighing system with visual warning of the engine idle limit
- **ED2-300-SLL Series SkidWeigh**, standard check weighing system showing in % of vehicle lift capacity with visual warning of the engine idle limit
- **ED2-300-AT Series SkidWeigh**, standard check weighing system with accumulative load weight total and visual warning of the engine idle limit
- **ED2-300-DL Series SkidWeigh**, standard check weighing system with visual warning of the engine idle limit and USB data logger
- **ED2-300-ESD Series SkidWeigh**, standard check weighing system with visual warning of the engine idle limit and engine shutdown.

Your Local Lift Truck Dealer

