

ED2 SkidWeigh / FreightWeigh Series

User's Manual (Vehicle operator)

Weighing Procedure (Standard System)

1. Insert the forks into the pallet load or under the product to be weighed. Lower the loaded forks to the ground. To initiate the "weighing cycle" number "8" **must** be shown in **Mode** digit of the LED display.
2. Activate the lift control vale "quickly" by lifting the load **just above the ground**.
3. For weighing readout to be within +/-1% of vehicle lifting capacity don't lift the loaded forks "slowly", don't use tilt control or start to lift loaded forks to different heights during the weighing cycle.



As soon as the load has been lifted LED digital display will go "blank" for a moment and **load weight will be displayed within five* seconds**. This load weight will be shown on the LED display until next time the forks are lowered to the ground. (*For system with hydraulic accumulator about 10 seconds, Software V 96)



Accumulative Load Weight Function (Operator input required)

LEFT BUTTON (Black) Accumulative function

- Every time LED display shows the load weight and if you want to use accumulative total load weight function, press "**Left BLACK button**". The current load weight value will be added into a weighing counter.

RIGHT BUTTON (Red) Reset and print function

- Every time LED display shows a current or total accumulative load weight and the "**Right RED button**" is pressed the weighing counter will be reset. If the onboard printer is connected, the load weight ticket will be printed.



Overload Warning Function (No operator input required)

When pre-set overload load weight is lifted LED display will show the value and all digits will "Flash". Systems equipped with external visual/ audio devices will be activated. Optional wireless web based system will record and report the event. To stop LED display "Flashing" and turn off external warning devices, lower the load to the ground.



Two Weighing Channels *(Operator input required)*

- Mode **8** is indicating first weighing channel and Mode **82** second. (Press External Switch)



External Zero Weight Re-calibration Function *(Operator input)*

1. Lower the empty forks (or any attachment) to the ground. LED display will show **Mode 8**.
2. Press external switch and **Mode 8** will change to **Mode 0**. Lift the empty forks just above the ground.
3. After few second LED display will show 00000 and will “blink” 3 times.
4. Lower the forks to the ground. New “zero weight” will be stored in the memory.



Excessive Engine Idling Visual Warning *(No operator input)*

When pre-set allowed engine idle time (*Adjustable time from 1 to 999 seconds*) is exceeded LED display will show all 0's digits and they will “Flash”. Systems equipped with external visual/ audio devices will be activated. Optional wireless web based system will record and report the event. System is available with operator *pre-warning time out* value shown on LED display in the seconds. To stop LED display “Flashing” and turn off external warning devices, turn ignition switch off to reset the system.



Under Utilization Visual Warning *(No operator input)*

Every time the pre-set under utilization factor is reached LED display will show all 0's digits and they will “Flash”. Systems equipped with external visual/ audio devices will be activated. Optional wireless web based system will record and report the event. System is available with operator *pre-warning time out* value shown on LED display in the seconds. To stop LED display “Flashing” and turn off external warning devices, turn ignition switch off to reset the system.



Impact Detection Visual Warning *(No operator input)*

Every time the pre-set impact detection is reached LED display will show all 0's digits and they will “Flash”. Systems equipped with external visual/ audio devices will be activated. Optional wireless web based system will record and report the event. System is available with *time delay relay activation when impact detected*. *Time delay value* is shown on LED display in the seconds. To stop LED display “Flashing” and turn off external warning devices, turn ignition switch off to reset the system.