

ED2 Series SkidWeigh User's Manual (Vehicle Operator Copy)

The ED2 Series SkidWeigh are fully automatic lift truck / loader check weighing /overload warning system. This is not a "Legal for Trade" weighing scale, but an economical onboard check weighing system that will allow your lift truck / loader operator to determine the load weight readout within +/- 0.5% to +/- 1% of the vehicle lifting capacity.

Standard Weighing Procedure (All ED2 Series SkidWeigh Systems)

1. Insert the forks into the pallet or under the product to be weighed. Lower the forks to the ground. The number "8" in the **Mode** display window must be shown before you can initiate a "Weighing Cycle". If any other number is shown on display, 0, 10, 20, etc.) lower the forks to the ground and system will automatically go into the Mode 8.
2. When the number "8" is shown in **Mode** display, the system is ready to weigh the product on the forks.
3. **IMPORTANT:** Activate the lift control lever "quickly" **and lift the load just above the ground**. *Do not attempt to lift the load slowly. Do not tilt the load or move the vehicle or lift the load "higher" than just above the ground, within 2" to 3" (10 cm). (All of the load weighing must be done within the free lift of the vehicle.)*



4. As soon as the load has been lifted, the digital display will go blank for a moment and the load weight value of the product lifted will be displayed. This product load weight will be shown on the indicator until the next time the forks are being lowered to the ground.

*To initiate another "Weighing Cycle", the indicator **MUST SHOW** number "8" in the "Mode" display window. If the display shows 0, 10, 20 or any other value, you will not be able to take another load weight measurement. Lower the forks to the ground!*

Accumulative Load Weight Function (ED2-AT and ED2-Print Series)

Left Button: Accumulative function for load weights

Every time indicator shows the load weight and the left button is pressed, the load weight will be added into a weighing counter. It will also show the current total weight of all loads entered in the counter. (A quick "blink" on display indicates that current load weight has been added into the counter)



Accumulative Button



Reset / Print Button

Right Button: Reset and print function of accumulative load weights

*Every time the indicator shows the load weight and the right button is pressed, the current load weight or current total weight in the counter will be reset. In the case of the system equipped with onboard printer, **the weight ticket will be printed.** The last load weight readout will be shown, until forks lowered.*

Sample of accumulative load weight ticket

#01 = 01200
#02 = 01080
#03 = 01060
TOTAL = 3340

Note: *The maximum number of freight load weights entered into the accumulative counter at the time is 40. If the number of 40 loads has been reached, display will show the current total weight of all 40 loads weight entered. This current total weight will stay and “flash” on the instrument display for a moment. The current accumulative counter of all 40 loads weight will be reset automatically and you can start the new cycle again. (The current accumulative counter of all 40 load individual weights and total weight will be printed out when onboard printer is connected).*

Two Weighing Channels Function (ED2-2X Series)



Weighing Channel 1 (Mode 8)



Weighing Channel 2 (Mode 82)

Overload Warning Function (ED2-SM and ED2-SM-OAS Series)

Every time the pre-set overload weight load is reached display will indicate a current weight and display will “flash”. If system has been specified to include audio warning, than the buzzer will come on as well. To stop display “flash” and turn the buzzer off, lower the load. The overload warning function will operate as well on the SkidWeigh systems having two independent weighing channels.

Note: Weighing Accuracy is within +/- 0.5% to +/- 1% of the vehicle lifting capacity.

Example: If a forklift truck’s maximum lifting capacity is 3000 pounds; then the weighing readout accuracy of vehicle is within +/- 15 pounds in lower load weighing range and +/- 30 pounds in the higher load weighing range