# SP-1000 Series SkidWeigh User's Manual *(Vehicle Operator Copy)*

The SP Series SkidWeigh 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 <u>vehicle lifting capacity</u>.

Standard Weighing Procedure

1. Insert the forks into the pallet or under the product to be weighed and lower the forks to the ground. Make sure that the pallet is positioned all the way on the fork's carriage.
2. Press **W** (Weigh) key. Display will show "**Raise forks…**"
3. <u>***IMPORTANT:***</u> 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.)*
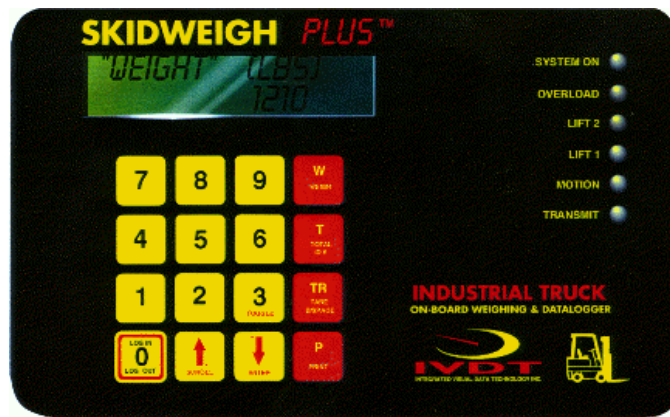
4. As soon as the load has been lifted, the LCD display will show **"Weighing"**, and after few seconds the weight value of the lifted load will be displayed. This load weight will be displayed on the indicator for few seconds and the system will go back to show date and time.

Accumulative Load Weight Function

If a load weight is shown on the LCD display than pressing the **"T"** TOTAL key is the first step in storing the displayed weight to a Waybill ID#. You have to enter Waybill ID# or leave the current displayed Waybill ID# and than you must press **"T"** TOTAL key to produce the desired display.
You may accumulate many load weights under the current Waybill ID#.
If the weight reading just taken to be added to this current Waybill ID#, then pressing **"T"** TOTAL key once more will complete the operation.

The **"T"** TOTAL key allows the operator to recall any valid Waybill ID# entered into the system. You can add a weight reading to a Waybill ID# total. If the keyed in Waybill ID# does not exist than a new Waybill ID# will be created.

To display a current total for a given Waybill ID# the operator has to press **"T"** TOTAL key while the LCD display shows date and time. Always the latest valid Waybill ID# will be displayed.

If 50 Waybill ID# records already exist then a message indicating this will be displayed. The user will then have to either continue using only existing Waybill ID# records or will have to download the session to clear memory. To clear the memory the operator must log out by pressing the **"0"** twice and session will be terminated. If the "P" PRINT key is pressed the information will be send to the printer.

"TR" TARE key

If the LCD is displaying the date and time then pressing the **"TR"** TARE key will display the current tare weight for approx. 5 seconds.

Pressing the **"TR"** TARE key <u>again while the tare display is active</u> will prompt the operator to enter a new tare value or press 0 to reset the current tare value to zero. In either case **you must press arrow down (↓) key** (Enter key) immediately <u>for changes to take effect.</u>

The other function of the TARE key is to correct keyboard entry errors when entering Waybill ID# or any other numeric input.

Note: *If the system has tare weight function active, than the LCD display will always show "'TR" on the LCD display in addition to the load weight. This is the remainder to the operator that current tare value is active.*

Printing

The **"P"** PRINT will only be functional if a local printer is connected to the indicator.

If the printer is connected then pressing PRINT key will cause whatever load weights displayed on the LCD to be printed. The data sent to the printer will be enhanced with, Operator ID#, Vehicle Number, Time, etc. In the case of a Waybill ID# total, the number of weight reading taken and total weight will also be printed.

Keystroke Time-Out Function
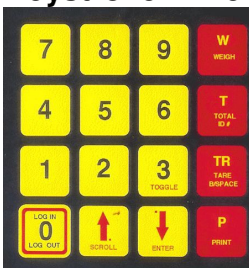
Note: *Time-out between keyboard entries is approx. 5 seconds. This means that operator has approx. 5 seconds per keystroke to enter a Waybill Number and then approx. 5 seconds to press TOTAL key the second time. This is to ensure that if the operator for some reason does not go through the complete total sequence, the system will return to monitor mode automatically.*

- • For additional information see SP-1000 manual supplied with every kit.   Ver.120706-19