

# 880 Truck In/Out Program

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*Optional Software Application*

*Version 1*

## Operation Manual



**RICE LAKE**<sup>®</sup>  
WEIGHING SYSTEMS

PN 176050

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# 1.0 Introduction

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The *880 Truck Weighing Program* is a weigh in/out and fixed tare mode. After a successful download the *880* needs to be power cycled.

For more information about the *880* indicator, refer to the *880* Technical Manual.



This manual can be viewed or downloaded from the Rice Lake Weighing Systems website at [www.ricelake.com/manuals](http://www.ricelake.com/manuals)

Warranty information can be found on the website at [www.ricelake.com/warranties](http://www.ricelake.com/warranties)

## 1.1 Safety



*Do not operate or work on this equipment unless you have read and understand the instructions and warnings in this manual. Contact any Rice Lake Weighing Systems dealer for replacement manuals. Proper care is your responsibility.*



*Do not open the indicator, all procedures that require work inside the indicator enclosure are to be performed by qualified service personnel only.*

## 2.0 Truck Weigh In/Out Mode

### 2.1 System Display Weight

1. A truck pulls on the scale exceeding the threshold weight and stops (Operator can optionally enter in a tare weight).
2. Insert a blank ticket into the printer and press . System scrolls *ENTER TRUCK ID*.
3. Enter the Truck ID (up to 15 alphanumeric) and press .

If Not Found (No Tare)

- Ticket prints with truck ID, stable inbound weight, time and date.
- Stores inbound gross weight.
- Truck exits the scale to be filled or emptied.
- Display scrolls *WEIGH IN COMPLETE – EXIT SCALE*.

If Not Found (*Key Tare*)

- Ticket prints with truck ID, gross, tare (*KEYED*), net, and time and date.
- Display scrolls *WEIGH OUT COMPLET – EXIT SCALE* and then it displays the weight.

If Found

- Ticket prints with truck ID, gross, tare, net weights, time and date.
- System does one of the following:

System deletes inbound truck if setpoint 3 is set to 1 and decimal in ID

System deletes inbound truck if setpoint 3 is set to 0

System doesn't delete inbound truck if setpoint 3 is set to 1 and no decimal in ID.

- System Scrolls *WEIGH OUT COMPLET – EXIT SCALE* and then it displays the weight.

4. When the weight drops below threshold, the system is ready for next truck. If threshold setpoints are not set to zero.

### 2.2 View, Print and Clear Truck Registers

Press and hold  for three seconds to access viewing, printing, and clearing of the truck registers.

- Press  to scroll to next ID number-Weight-Time date, shows first record if displaying last record.
- Press  to scroll to previous ID number-Weight-Time date, shows last record is displaying first record.
- Press  to print all the truck registers that are stored (*Weigh In Format*)
- Press  to clear the current record.
- Press  to exit.

A one time transaction can be entered by including a decimal place in the truck ID when using stored IDs. With a decimal point at the end it can be entered it in as normal.

To enter a decimal in the middle of an ID, press  after pressing . This includes configurable Truck In/Out print ticket formats.

## 3.0 Serial Communication

### 3.1 Weigh In Ticket

The program uses the configurable gross format so that the dealer may modify the print format through the 880 front panel or by using Revolution PC software.

Truck ID	123
Gross	45000 lb
10:21AM	12/04/2012

Figure 3-1. Weigh In Ticket

### 3.2 Weigh Out Ticket

The program uses the configurable Net format so that the dealer may modify the print format through the 880 front panel or by using Revolution PC software.

Truck ID	123
Gross	45000 lb
Tare	15000 lb RECALLED
Net	30000 lb
10:21AM	12/04/2012

Figure 3-2. Weigh Out Ticket

### 3.3 Ethernet Settings (if applicable)

	UDS2100 00-20-4A-E6-4B-74		PC
IP	99.9.9.999		99.9.9.999
Subnet	255.255.255.0		255.255.255.0
Gateway	99.9.9.999		99.9.9.999
Local Port	10001	10002	
Remote Host	99.9.9.999	0.0.0.0	
Remote Port	0	0	
Connect Mode	C1 (With Any Character)	C1 (With Any Character)	
Flush Mode	Yes	No	
Pack Ctrl	Disabled	Disabled	
Dis Con	No (Hard Disconnect=Yes)	No (Hard Disconnect=Yes)	
Send Char	Default	Default	

Table 3-1. Ethernet Settings (Test Settings)

If a wireless card is being used, everything in Table 3-1 would be need required, plus the SSID of the access point or router being used for wireless communication.

# 4.0 Setup

## 4.1 Setpoint Setup

1	Threshold	5000 Minimum weight to process a truck
2	Threshold	5000 Minimum weight to know when truck left
3	Stored Tares	0 if Disable      1 if Enabled

Table 4-1. Setpoints

Threshold is disabled if the setpoints are set to zero.

### 4.1.1 Display or Edit Setpoint Value

1. Press . *Audit* is displayed.
2. Press ◀ or ▶ until *Setpts* is displayed.
3. Press ▾ and the first available setpoint number is displayed.
4. Press ◀ or ▶ to toggle through each setpoint that is operator accessible.
5. Press ▾. *Value* is displayed.
6. Press ▾ again to display or edit the value.
7. Edit the value using the keypad on the *880Plus* or use the following method for the panel mount.
  - Press ▲ or ▼ to increment or decrement the value of the flashing digit.
  - Press ◀ or ▶ to select the digit to edit.
  - Press  to move to the decimal point entry.
  - Press ◀ or ▶ to adjust the decimal point placement.
8. Press  to accept the displayed value.
9. Repeat the above steps to set *Preact*, if enabled.
10. When all settings have been made, press  to return to weigh mode.

## 4.2 Hardware Setup

Port	Type	Description	Setup
1	CMD	Printer	9600,8,N,2

Table 4-2. Serial Port





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