

720i Webinar Example Summaries

Part 2 – Batching

1. Press the [**Target Wt**] softkey. The system will prompt “Enter Target”. Enter the Fill net target weight.
2. Press the [**Start**] softkey to start the batch.
3. The scale will be tared off to a net zero and the fill output (digital output #1) will turn on until the target has been reached.
4. The system will wait for standstill and grab the net weight and put it into User String 1 (in Auxiliary Format #1 print format). The net weight and time/date are stored to the Trans database. The tare is cleared and the system goes back to grossmode.
5. The system turns the dump output on (digital output #2) until the weight goes below 10 lb.
6. The ticket will print (port 4).
7. If the [**Pause**] softkey is pressed during filling or dumping the outputs will be turned off and the [**Restart**] and [**Abort**] softkeys will become active.

Part 3 – Label Printing

1. Place item to be weighed on the scale. The system will be showing the prompt “Enter Data”.
2. Press the [**Data**] softkey. The system will prompt “Enter Part #”.
3. Key in the part number and press Enter. The entered value will be stored in User String 1 (to print later).
4. The system will prompt “Enter Product Name”.
5. Key in the product name and press Enter. The entered value will be stored in User String 2.
6. The system will prompt “Enter Job Number”.
7. Key in the job number and press Enter. The entered value will be stored in User String 3 and the 4x4 label will print on a Datamax printer with the three entered values, the gross weight and a Code 3 of 9 barcode of the weight.

Part 4 – Messaging to Laserlight

1. The laserlight is connected to Port 4. On power up the gross weight will start streaming to the laserlight (until a message is sent) so the laserlight can “learn” the format.
2. Press any of the messages/softkeys: [**Drive On**], [**Come In**], [**Printed**], [**Exit**], or [**Spare Msg**].
3. The linked database message to that softkey will be put into User String 1 in Auxiliary Format #1 and will print (send to the laserlight) to begin scrolling that message.
4. The Spare Msg is whatever is stored in that database field when it is downloaded and can be changed by the user.
5. Press [**Enter Msg**] and the system will prompt “Enter Spare”. Type in a message using the PS2 keyboard or front panel that is 16-characters or less and press Enter. Pressing the [**Spare Msg**] will begin scrolling the message just entered.
6. The manual for the laserlight has the serial commands on page 22. Aux Fmt 1 is set to scroll 100 times (unless the message is changed before that).

Part 5 – Axle Weighing

1. The traffic light is green and the system is waiting for a truck to enter the scale. This example is of a 70' truck scale (meaning as each axle enters the scale the weight increases). There are always three axles.
2. When the weight exceeds 500 lb the light turns to red and the system waits for standstill.
3. The gross weight is stored to User String 1 (Axle 1) to print later and the weight is stored to the single record in the database to be used later.
4. The delta weight (500 lb) is added to the current weight and set as the next setpoint (to know when the next axle has entered the scale). This is Condition Number 21 (the Weight Compare condition in Step 3.) The light turns to green.
5. When the gross weight exceeds the calculated next weight the light turns red and the system waits for standstill.
6. The last stored weight to the database (Axle 1) is subtracted from the current gross weight and stored to User String 2 (Axle 2) to print later. The current gross weight (Axles 1 and 2) is stored to the single record to the database (overwriting the last value).
7. The delta weight (500 lb) is added to the current weight and set as the next setpoint (to know when the next axle has entered the scale). This is Condition Number 40 (the Weight Compare condition in Step 5.) The light turns green.
8. When the gross weight exceeds the calculated next weight the light turns red (for the last time) and the system waits for standstill.
9. The last stored weight to the database (Axle 1 and 2) is subtracted from the current gross weight and stored to User String 3 (Axle 3). The current gross weight is stored to User String 4 (Total). The ticket is printed (to Port 4) and the light turns green.
10. When the weight goes below 500 lb the truck has exited. This example doesn't use prompting or softkeys.