



# Idaho Weighing Systems

24085 Pheasant Ridge Ct Middleton, ID 83644

Phone: (208) 970-7748

*Customer Satisfaction is our Highest Priority*

## Intermediate & Heavy-Duty Checkweigher Worksheet

Company Name: \_\_\_\_\_ Line/Job Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Company Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

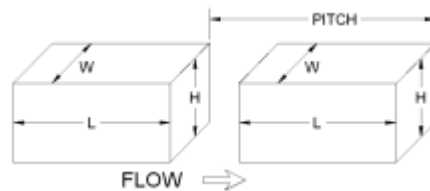
### Product Information:

Check the types of containers that are to be weighed.

- Bag     
  Box     
  Canister     
  Jug     
  Drum  
 Other

Describe: \_\_\_\_\_

**Dimension each package, or list smallest/largest and highest rate below:**



Item	Length (L)	Width (W)	Height (H)	Weight	Prod. Rate
1					
2					
3					
4					
5					

Accuracy Requirement +/- \_\_\_\_\_ (specify weight conversion; g, oz, lb, kg.)

What is the **conveyor speed** of your current/new production line? \_\_\_\_\_ FPM

What is the maximum production rate for any package? \_\_\_\_\_ PPM

**Continued on Page 2**

### Environmental Specifications:

Our checkweighers can be built for nearly any environmental conditions. Please select the environment for your application, and make note of any special or unusual condition; extreme cold/heat, etc.

- Type 12 (IP54) unrated
- Type 4 (IP67) high-pressure wash-down
- Type 4 (IP65) wash-down
- Type 4X (IP67) wash-down/corrosive

Hazardous (explosive) Areas:

- Class I (solvents/vapors), Div. 1
- Class I, Division 2
- Class II (dusts), Div. 1
- Class II, Division 2

### Mechanical Specifications:

Specify Desired Overall Checkweigher Conveyor Length: \_\_\_\_\_

Specify Checkweigher Conveyor Height: \_\_\_\_\_

### Scale Conveyor Electrical Specification:

- Standard 240/480VAC 3 Phase 60 Hz. Motorized Drive Roller (VFD Required)
- Standard 240/480VAC 3 Phase 60 Hz. Fixed-Speed out-board Drive
- Non-Standard Motor Voltage – Specify: \_\_\_\_\_

### Mechanical Options:

- Metal Detector Brand Preference: \_\_\_\_\_
- Product guide rails
- Windshield protects scale from ambient air currents
- Acceleration or Pacing conveyor

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### Electrical & Software Options:

- |   |   |
|---|---|
| <input type="checkbox"/> 3-Zone Stack Light             | <input type="checkbox"/> Closed-Loop Feedback                 |
| <input type="checkbox"/> 5-Zone Stack Light             | <input type="checkbox"/> Empty Package Detect Eye             |
| <input type="checkbox"/> 1" High Remote Digital Display | <input type="checkbox"/> Barcode Reader Input                 |
| <input type="checkbox"/> 2" High Remote Digital Display | <input type="checkbox"/> SPPC Light Data Reporting            |
| <input type="checkbox"/> Reject Alarm Horn              | <input type="checkbox"/> 930 Data Logger                      |
| <input type="checkbox"/> Reject Alarm Strobe            | <input type="checkbox"/> Ethernet IP (Allen-Bradley Protocol) |
| <input type="checkbox"/> Trend Alarm Light              | <input type="checkbox"/> Other Protocol: _____                |

### Reject Options:

- |  |  |
|--|--|
| <input type="checkbox"/> Stop & Alarm        | Reject causes checkweigher conveyor to stop & sound alarm. Operator removes or adjusts package, presses "Restart" button to continue production. For use with low-rate applications only                             |
| <input type="checkbox"/> Ram Reject:         | Pneumatic Pusher; floor mounted, 24" stroke, 1/2" airline ported, 24VDC solenoid valve, complete. Push rates to 40/minute. Includes 48" long x 24" wide belt conveyor  |
| <input type="checkbox"/> Ram Reject Only:    | Same as above, less conveyor   |
| <input type="checkbox"/> Space-Saver Reject: | Overhead pneumatic pusher keeps rejecter within confines of conveyor framework. 24" stroke, 1/2" airline ported, 24VDC solenoid valve, complete. Push rates to 30/minute. Includes 48" long x 24" wide belt conveyor |
| <input type="checkbox"/> Drop Nose:          | Separate conveyor that resides directly after checkweigher. Hinged on the in-feed end, out-feed end of conveyor drops preset distance to discharge off-spec product to bin or accumulation area below.               |
| <input type="checkbox"/> Reject Horn:        | Alerts operator to rejects with either an audible or visual signal.  |
| <input type="checkbox"/> Reject Strobe:      | Duration of signal set through reject timers within the checkweigher controller.   |

**Continued on Page 4**

Please provide any notes or descriptions of your production line that will assist us with better understanding your application:

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Please send this completed form to Thompson Scale Company, and we will generate a detailed proposal based upon the information you have included in this questionnaire. We will also be happy to make suggestions, and work with your company to solve any special applications problems unique to your production line.

Customer/Rep Signature: \_\_\_\_\_ Date: \_\_\_\_\_



**208-970-7748**

HDQ1 10/16

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