

HOW TO CHOOSE A CHECKWEIGHER

Choosing the right checkweigher for operations can be difficult, so this guide will help explain key aspects to consider before purchasing.



WHAT IS THE DIFFERENCE BETWEEN STATIC AND DYNAMIC CHECKWEIGHING?

Before choosing a checkweigher, it's important to understand whether a static or dynamic checkweigher suits your needs.

Static checkweighers require hands-on interaction to move product on and off the scale. These are often used for quality control to weigh only a small percentage of products. Static checkweighers have a lower initial cost compared to in-motion checkweighers, and can be used as a portable and/or regular scale when needed.

In contrast, in-motion, also known as dynamic, checkweighers automatically weigh products as they move through the production line. These types of checkweighers feature additional options such as custom programming and diverting methods to maintain production rates.

STATIC



- Increases operator time
- Minimal maintenance
- No process control to service or calibrate
- Lower initial cost

IN-MOTION



- Decreases operator time
- Eliminates manual errors
- Automation increases productivity
- 100% inspection rate

FACTORS TO CONSIDER WHEN CHOOSING A CHECKWEIGHER

It's important to speak to a scale distributor as you're defining your checkweighing goals because each application may be different. Think about these factors when deciding the proper solution:



SPEED AND EFFICIENCY

The type of product being weighed will help determine the type of your checkweigher. Consider the fragility of your products and this will pinpoint the proper handling speed.



ENVIRONMENT

Temperature fluctuations, humidity levels, elevation, air currents, vibration, debris and dust are all environmental factors that may affect your checkweighing process. Take note of your current or hypothetical production line. Ideally, a checkweigher should be seamlessly integrated into your system to ensure maximum efficiency. The prospective checkweigher should also have the ability to communicate with PC software to store product IDs, document transaction data and create reports.



REGULATIONS AND SPECIFICATIONS

In some cases, strict government regulations play a significant role in the accuracy, construction and durability of a checkweigher. These could be NTEP certifications, IP ratings or other specifications unique to your facility. Many checkweighers can be customized to meet your requirements, but speak with your scale distributor to discuss regulations and specifics.

RICE LAKE WEIGHING SYSTEMS' CHECKWEIGHING SOLUTIONS

Checkweighing is all about consistency, and Rice Lake's checkweighers are reliable solutions to reduce downtime, maintain production rates and enhance operations for any facility. Static or in-motion, Rice Lake's checkweighers can be seamlessly integrated and approved for Legal for Trade and washdown applications. Learn more about Rice Lake's checkweighing options with the checkweighing resource center.



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