MotoWeigh®

IN-MOTION METAL DETECTION SYSTEM

RICE LAKE®
W E I G H I N G   S Y S T E M S

800-472-6703
www.ricelake.com

MotoWeigh™

Define your
Boundaries

Consumer safety and maintaining your brand's reputation—that's our goal too.

For detecting ferrous, non-ferrous and stainless steel contaminants, MotoWeigh metal detection systems deliver critical sensitivity. With consumer safety at the forefront of MotoWeigh's design, this factory-programmed metal detection system is made to detect 0.2 millimeter spheres. MotoWeigh's ultra-sensitive detection is also able to eliminate false signals—ultimately streamlining the production process. Food-grade, stainless steel washdown design MotoWeigh models can be quickly disassembled with modular, variable-speed belting that easily removes for thorough cleaning and sanitation.
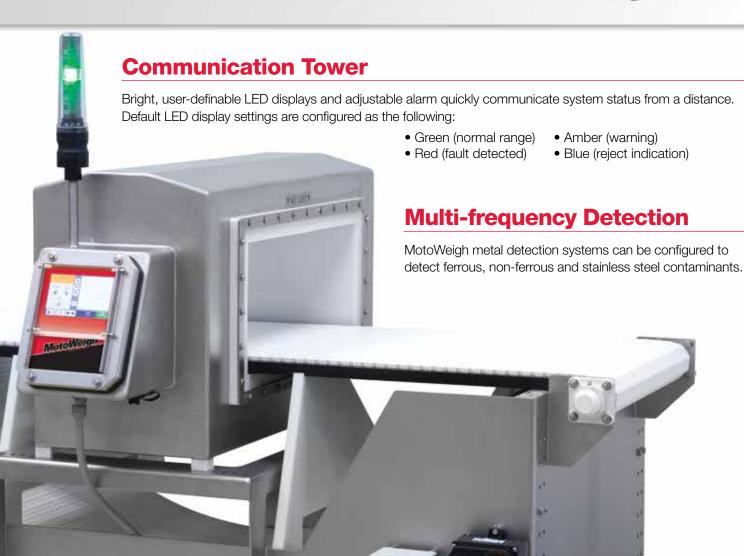
User-friendly Software

MotoWeigh metal detection systems arrive factory programmed to your product's exact specifications (based on a provided product sample). Using the large, full-color touchscreen, users can add new products, change parameters and take advantage of advanced settings and data reporting features.

- Seven-inch touchscreen with Spanish translation ability
- Password protected access
- Auto setup and product learning
- Easily managed product boundaries/rejection
- One-touch log reporting
- Access to functions, settings and stored logs directly or through remote technical support

Communication Tower

Bright, user-definable LED displays and adjustable alarm quickly communicate system status from a distance. Default LED display settings are configured as the following:

- Green (normal range)
- Red (fault detected)
- Amber (warning)
- Blue (reject indication)

Multi-frequency Detection

MotoWeigh metal detection systems can be configured to detect ferrous, non-ferrous and stainless steel contaminants.

Food-Grade, Washdown Design

- All 304 stainless with sanitary welds
- Quickly disassembled for routine cleaning
- Shielded, scratch-resistant touchscreen
- Modular, variable-speed belting removes easily for cleaning

USB and Ethernet Access

Transfer data to and from the control panel via USB or Ethernet connection. Covered ports remain watertight and protected during cleaning.

Complete your metal detection system with MotoWeigh in-motion checkweighers and conveyor scales

Harness a range of MotoWeigh components and accessories to not only automate, but improve nearly every facet of your operation. MotoWeigh is helping producers tighten target weights, loosen profit margins, and improve quality and customer satisfaction. Made-to-order base components include:

MotoWeigh

For individual products, get quick, in-motion verification of a targeted weight range. Create up to four lanes of operation customized with bar code verification or reject systems. For product up to 200 pounds, non-Legal for Trade systems are available at speeds up to 80 units per minute.

Conveyor Scales

For individual product labeling or weight-data capture, conveyor scales are designed to send weight data to peripheral devices like PCs, printers and weigh price labelers. MotoWeigh conveyor scales offer Legal for Trade accuracy at up to 60 units per minute and 2000 divisions.

Weigh Price Labeling (WPL)/Printing

Weigh, price and label a variety of packages, boxes and bags at up to 40 labels per minute in box labeling, price-per-weight and consumer product weigh labeling applications. MotoWeigh's rugged and versatile applicators can be configured as blow-on, wipe-on or tamp applicators.

Advanced Metal Detection in Every Size and Shape

No matter your industry, MotoWeigh metal detection systems provide the best overall value and highest level of protection against metal contamination. Select from a variety of standard size configurations:

6 x 60-inch belt
with 4- to 12-inch product-height clearance

12 x 60-inch belt
with 6- to 12-inch product-height clearance

18 x 72-inch belt
with 6- to 20-inch product-height clearance

24 x 84-inch belt
with 8- to 20-inch product-height clearance

If a standard size does not fit your application, customizable sizes are available

Standard Features

- NEMA Type 4X, 304 stainless steel housing and enclosure
- IP66-rated (IP69K optional)
- 7-inch, color touchscreen
- USB and Ethernet connectivity
- LED display communication tower
- Audible alarm
- Single-point junction box
- Antistatic UHMW slider bed
- Variable speed, modular belt (up to 240 ft/min (73 m/min) depending on configuration)
- Adjustable foot pads or casters
- Voltage requirements: 100 to 240 VAC, 50 or 60 Hz
- 9 programmable outputs (for rejects, faults, warnings, etc.)
- 8 configurable inputs (for photo eyes, reject systems, etc.) that can be set to active high or active low
- Operating ambient temperature range: Integral Control 14° F (-10° C) to 120° F (49° C)Remote Control 14° F (-10° C) to 130° F (54° C)
- Storage temperature: 14° F (-10° C) to 175° F (80° C)
- Maximum operating altitude: 6,561 feet (2,000 meters)

Your Rice Lake Weighing Systems distributor is: