

MotoWeigh[®]

IN-MOTION WEIGHING EQUIPMENT



RICE LAKE[®]
WEIGHING SYSTEMS

800-472-6703
www.ricelake.com

MotoWeigh® Made Your Way

The MotoWeigh In-Motion Checkweigher and Conveyor Systems can help automate and streamline processes no matter the application. MotoWeigh components and accessories include diverter systems and easy-to-clean conveyors, so you can do business your way.

MotoWeigh helps producers meet target weights, profit margins and high customer satisfaction goals. Rice Lake Weighing Systems will help design a MotoWeigh system to meet all of your application needs, no matter the production environment. The MotoWeigh's highly-customizable design means you get exactly the system you need.

Base Components, Made to Order



CHECKWEIGHERS AND CONVEYOR SCALES

MotoWeigh checkweighers and conveyor scales provide in-motion verification of target weight ranges with optional diverting devices to remove out-of-range units from production. They can also be used for individual product labeling and send weight data to peripheral devices, including PCs, printers and weigh price labelers. MotoWeigh scales offer Legal for Trade accuracy at up to 60 units per minute and 2,000 divisions. For products up to 200 pounds, non-Legal for Trade systems are available with a resolution as precise as 1 gram at speeds up to 80 units per minute.

CONVEYORS

MotoWeigh conveyors are easily customized to any configuration and are preferred for their straightforward bolt-together design. This special feature allows for cleaning even while in motion.

INTELLIGENT DIGITAL CONTROL

For ultimate process control and data management, MotoWeigh software is available on the 1280 Enterprise Series programmable digital controller.

MotoWeigh software features an intuitive setup menu that is password protected. Store data for 1,000 unique products with fields for description, tare weight, unit and zone ranges. With a statistical screen showing real-time data, monitoring product weight within a targeted weight range is easy.

The 1280 Enterprise Series digital controller is designed for superior control, top processing performance, data management and speed with the ease of a large color touchscreen interface.

ALUMINUM OR STAINLESS STEEL CONSTRUCTION

For use in either wet or dry processing environments.



EASY-CLEAN CONVEYORS

Efficient sanitation top to bottom, even while in motion.

ULTRA HIGH MOLECULAR WEIGHT (UHMW) WEIGH BEDS

Designed for frequent cleaning, minimal vibration, and years of punishing use.



LEGAL FOR TRADE ACCURACY

For commercial applications, available in standard resolution models.



SELF-CENTERING DRIVE COGS

Keep belting perfectly aligned and minimize wear for longer cog and belt life.

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Options

REJECT SYSTEMS

Pneumatic pushers, drop-down conveyors, arm diverters and air blades.



GUIDES AND SHIELDS

Custom fabricated components for any application.



METAL DETECTION SYSTEMS

Improve product quality and liability concerns.



ALARMS

Audible signals for rejected products and more.



CONTROL PANELS

Available with UL 508 approval.



REMOTE EMERGENCY STOP

Quickly bring your system to a halt.



STACK LIGHT BARS

Observe over, under and on-target weight conditions from a distance.



STANDARD FEATURES

- Speed: up to 80 products per minute (non-NTEP); up to 60 products per minute (NTEP)
- Single load cell design
- Solid UHMW (ultra high molecular weight) weigh bed
- Sealed SST bearings
- Single rotating conveyor shaft
- Cog belt drive
- Full-length adjustable sensor positioning
- Three photo-eye system for precise product detection

1280 ENTERPRISE FEATURES

- Programmable prompts to guide users through process
- Real-time statistical information
- Remote access with built-in web server
- Graphical LCD display 7 in, 800 x 480 pixel; 12 in, 1200 x 800 pixel
- Color touchscreen can be used with gloves
- NEMA Type 4X/IP69K stainless steel enclosure

APPROVALS:

