

MotoWeigh[®] IMW-HD

CONVEYOR SCALE
AND CHECKWEIGHER



RICE LAKE[®]
WEIGHING SYSTEMS

800-472-6703
www.ricelake.com

MotoWeigh® IMW-HD

CONVEYOR SCALE AND CHECKWEIGHER

The industrial class MotoWeigh system

The MotoWeigh IMW-HD offers industrial strength with uncompromising accuracy. Its flexure base design provides enhanced structural strength and mechanical stability, giving this scale system the ability to adapt to a wide range of application requirements.

The IMW-HD is a resilient, accurate in-motion weighing solution for challenging loads. The system can weigh containers up to 200 pounds with a resolution down to ± 0.05 pound (depending on system capacity). The IMW-HD can weigh in-motion boxes, bags, trays, tubs, buckets, totes and many other types/styles of industrial containers or products.

The MotoWeigh IMW-HD's standard mild steel powder-coated frame is built to handle heavy-duty, in-motion applications. The system is also available in NEMA Type 4X 304 stainless steel construction for sanitary, indirect food contact processes. The IMW-HD is configurable to meet established process flows. The control panel and indicator mount are reversible and can be arranged to accommodate preexisting conveyor lines.

Incorporating an in-motion checkweigher increases efficiency as well as product consistency in virtually any application. Use the MotoWeigh IMW-HD to decrease product returns and customer complaints by ensuring all parts are present and containers are not packed with extra components.

Standard Features

Software

- Four levels of security
- Real-time statistical information
- Product report
- Statistical report
- Parameter report
- User report
- Store up to 1,000 different products
- Five zone classification

Hardware

- Industrial mild steel powder coated frame
- Adjustable conveyor height (2 in coarse adjustment) from floor to top of belt is 26 to 40 in (± 2.5 in of fine adjustment) or 38 to 52 in (± 2.5 in of fine adjustment) with optional leg extension kit
- Industrial belting; black PVC 120 V-Guide
- Available conveyor sizes and capacities
 - 14 in x 28 in 80 lb capacity conveyor scale
 - 18 in x 36 in 150 lb capacity conveyor scale
 - 24 in x 48 in 200 lb capacity conveyor scale
 - 36 in x 60 in 200 lb capacity conveyor scale
- Industrial flexure base scale
- Single s-type load cell

Specifications

Construction:	Mild steel, or NEMA Type 4X/IP66 304 stainless steel for non-direct food contact
Configurations:	Checkweigher or conveyor scale
Product Types:	Boxes, bags, trays, tubs, cups, buckets, totes
Container Weights:	Up to 200 lb (depending on system) Resolution down to 0.05 lb or better (depending on scale capacity)
Belt:	Black PVC 120 with stainless steel zipper splice for easy removal
Motor:	1/2 HP 230 VAC 3 phase motorized drive pulley (may vary depending on capacity)
Speed:	Up to 150 ft per minute
Power Configuration:	110 VAC single phase, 50/60 Hz
Warranty:	Two-year limited warranty (excludes power train and wear parts)

Optional Features and Accessories

- Divert methods:
 - Pneumatic pusher
 - Drop conveyor
 - Paddle
 - Secondary diverter in series or parallel
- One, three or five zone stack-light
- Audible alarm (non-washdown only)
- Drop chutes
- Pull cord emergency stops
- Portability package
- Conveyor guiderails (round or flat)
- Custom programming available
- Bar code scanner
- 208, 230, 460 3-phase power configuration
- UL 508 control panel
- Metal detection
- Filling machine feedback
- Pacer belt infeed
- Ethernet IP
- 1280 Controller

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Specifications subject to change without notice.