

MotoWeigh® IMW-HD

Heavy Duty In-Motion Conveyor Scale and Checkweigher



18 in x 36 in MotoWeigh IMW-HD with
16 in x 12 in painted mild steel control panel

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 ± 2.5 inches 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
- Industrial flexure base scale
- Single "S" type load cell

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

Optional Features and Accessories

- Divert methods:
 - Pneumatic pusher
 - Drop conveyor
 - Paddle
 - Secondary diverter in series or parallel
- 1, 3 or 5 zone communication tower
- Audible alarm (non-washdown only)
- Drop chutes
- Pull cord E-stops
- Portability package
- Conveyor guide rails (round or flat)
- Custom programming available
- UL 508 control panel
- Metal detection
- Filling machine feedback
- Pacer belt infeed
- Ethernet IP
- Power configuration 208, 230, 460 (3 phase)
- 1280 controller
- Pedestal for control panel

Specifications

Construction:

Mild steel, or NEMA 4X IP66 304 SST 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

Resolution down to 0.05 lb or better (dependent on scale capacity)

Belt:

Black PVC 120 with SST zipper splice for easy removal

Motor:

1/2 HP 230VAC 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

208, 230, 460 (3 phase)

Warranty:

Two-year limited warranty
(excludes power train and wear parts)

Approvals:

Optional: UL 508

Note: Please consult for peripheral conveyors and diverters

APPROVALS



Optional

Control Panel Standard Features

920i Deep Enclosure and 16 in X 12 in Control Panel

- *8 x 24VDC or 8 count relays mounted on backplate
- 24VDC power supply
- Variable speed control
- Motor overload protection
- Lock out/ tag out
- Emergency stop
- 110VAC or 230VAC 1 phase power

*110VAC Relays Available Upon Request.



20 in x 20 in stainless steel control panel with dual variable speed control option for MotoWeigh IMW-HD

Part Number

Part #	Main Systems	Price
Mild Steel		
181257	MotoWeigh, IMW-HD 14 in x 28 in Scale Conveyor and Controls, Up to 80 Lb Capacity, Mild Steel Powder Coated Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	Consult
181258	MotoWeigh, IMW-HD 18 in x 36 in Scale Conveyor and Controls, Up to 150 Lb Capacity, Mild Steel Powder Coated Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	Consult
181259	MotoWeigh, IMW-HD 24 in x 48 in Scale Conveyor and Controls, Up to 200 Lb Capacity, Mild Steel Powder Coated Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	Consult
181260	MotoWeigh, IMW-HD 36 in x 60 in Scale Conveyor and Controls, Up to 200 Lb Capacity, Mild Steel Powder Coated Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	Consult
Stainless Steel		
181261	MotoWeigh, IMW-HD 14 in x 28 in Scale Conveyor and Controls, Up to 80 Lb Capacity, Stainless Steel Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	Consult
181262	MotoWeigh, IMW-HD 18 in x 36 in Scale Conveyor and Controls, Up to 150 Lb Capacity, Stainless Steel Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	Consult
181263	MotoWeigh, IMW-HD 24 in x 48 in Scale Conveyor and Controls, Up to 200 Lb Capacity, Stainless Steel Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	Consult
181264	MotoWeigh, IMW-HD 36 in x 60 in Scale Conveyor and Controls, Up to 200 Lb Capacity, Stainless Steel Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	Consult
Field Installation		
FLD-INSTALL	Factory field installation required (minimum 3 days on site)	Consult
FLD-INSTALLSA	Factory field installation, Saturday	Consult
FLD-INSTALLSU	Factory field installation, Sunday	Consult