MotoWeigh® IMW
In-Motion Conveyor Scale and Checkweigher

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

Control Panel
- Power disconnect with lock-out/tag-out
- E-stop
- VFD (variable frequency drive)
- Motor overloads

Hardware
- Square tube construction (SST or aluminum)
- 32 in height from top of belt with ± 2.5 in of adjustment
- Modular belting
- Drive on right hand of belt (looking down belt flow)
- Control panel mounted on left side of belt (looking down belt flow)

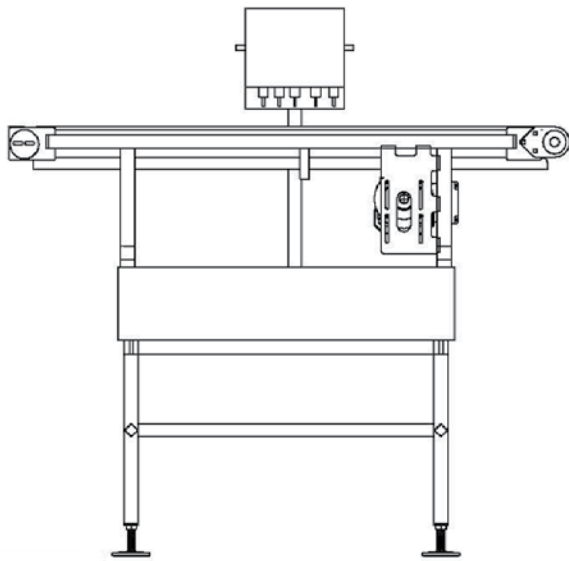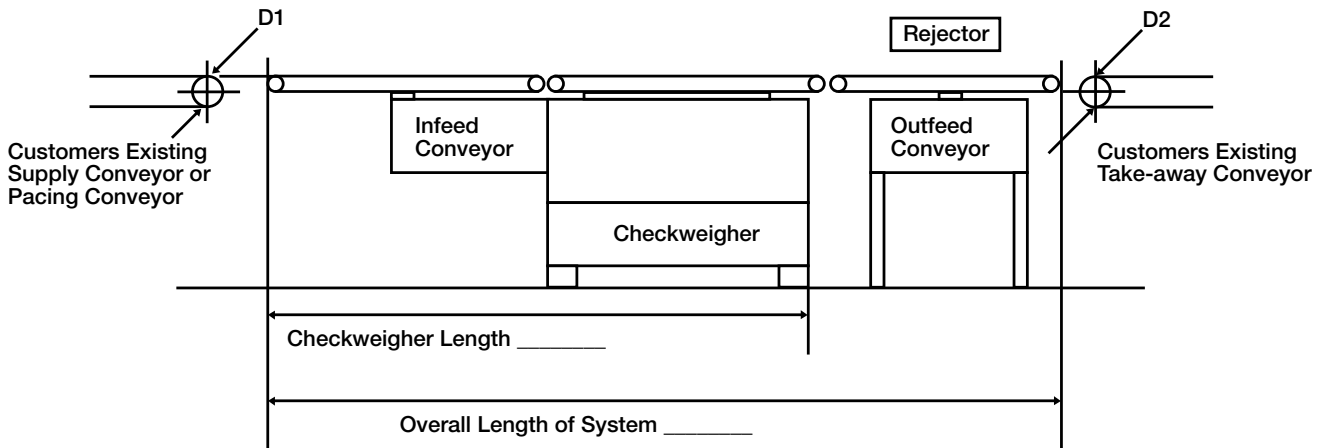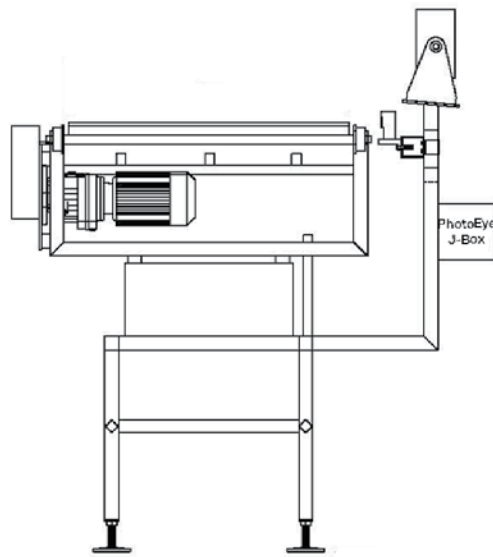## Optional Features and Accessories

- Divert methods:
    Pneumatic pusher
    Air blast
    Drop conveyor
    Paddle
    Secondary diverter in series or parallel
- One, three or five zone communication tower
- Audible alarm (non-washdown only)
- Draft shields
- Drop chutes
- Pull cord E-stops
- Portability package (non-NTEP Certified only)
- Conveyor guide rails (round or flat)
- Custom programing available
- Food-grade SST angle construction, NEMA Type 4X IP66 washdown systems
- UL 508
- Bar code scanner
- Metal detection
- NTEP Certified Legal for Trade (up to 2,000 divisions and 60 ppm)
- Filling machine feedback
- Pacer belt infeed
- 1280 controller (non-NTEP Certified only)

APPROVALS

NTEP

On select models

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LISTED

Optional

Specifications

Construction:
Stainless steel food-grade, stainless steel non-food-grade or aluminum non-food-grade

Configurations:
Checkweigher or conveyor scale

Speed:
Up to 240 ft per minute

Container Types:
Boxes, bags, pouches, trays, tubs, cups, blister packs, display packs, clam shells

Container Weights:
Up to 200 lb
Resolution down to 0.01 lb/5 g, or better (dependent on scale capacity)

Belts:
Interlox® Habasit®

Power Configuration:
110 VAC single phase, 60 Hz
230/460 VAC 3 phase, 60 Hz

Warranty:
Two-year limited warranty
(excludes powertrain and wear parts)

Approvals:
Optional NTEP CC 09-007: 60 ppm at 2,000 divisions
Optional: UL 508

Checkweigher Packages

- NTEP Certified and non-NTEP Certified packages available in stainless steel and aluminum for food and non-food-grade applications.

Checkweigher Packages Include:
- Common framework for mounting conveyor scale on same frame as infeed conveyor and indicator
- Basic control enclosure to interconnect wiring from photo eyes and divert solenoid and conveyor on/off/E-stop

D1

D2

Rejector

Infeed Conveyor

Outfeed Conveyor

Customers Existing Supply Conveyor or Pacing Conveyor

Customers Existing Take-away Conveyor

Checkweigher

Checkweigher Length _____

Overall Length of System _____

Side View
Conveyor Scale

End View
Conveyor Scale

PhotoEye J-Box