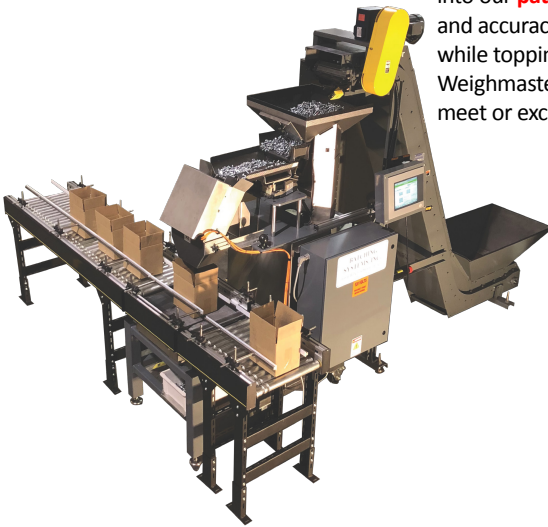


WEIGHMASTER® FAST AUTOMATIC WEIGHER - TRAY FEED WITH REMOTE LOAD CELL

The **Weighmaster® FAW-TR** is a bulk feed weighing system for filling larger containers with product. The weighing system is designed for bulk product filling applications. The Tray Feed/ Remote load cell weigher is the big brother of our **patented** Weighmaster® Fast Automatic Weigher that is used for smaller batch weights of 10 pounds or less. The TR version uses independent bulk and top off vibratory feed trays for increased product flow. These trays feed product into our **patented** dual gate accumulation chamber. This accumulation chamber provides increased production speed and accuracy. The bulk accumulation gates allow this weighing system to accumulate bulk product for the next batch while topping off the current batch. Boxes or totes sit on a high precision 200 pound remote load cell. The Weighmaster® FAW-TR is a single head pan fed scale capable of accurately delivering finished batches at rates that meet or exceed bulky dual head in-line scales in a much smaller, portable footprint.



Weighmaster® FAW-TR with remote load cell

Weighmaster® FAW Benefits:

Flexibility – small foot print that can weigh a wide variety of parts shapes and sizes with no tooling. Weigh “count” or weigh batches by pounds, ounces, kilograms, or grams
Versatility -system integration to any type of packaging machine. Designed for short or long production runs and a wide range of product. Many configurations for different filling applications, boxes, totes, cartons.

Packs Speed—continuous product feeding with **patented** pre accumulation during top off allows the FAW to run twice as fast as single head tray feeders. Up to 12 cycles per minute. Multiple systems can be linked together for additional speed
Accuracy – high resolution weigh cell plus over weight batches can be electronically tagged and rejected. Standard accuracy is -0 plus less than 0.7%

Quick Changeover— typical product changeover of 2 minutes or less without tools. Recipe set ups can be saved on system or remote network. Bar code reader can be added for quicker loading of saved recipes

Ergonomics—eliminate costly repetitive motion injuries by automating your process. Reduce heavy lifting

Cost Savings - decrease or eliminate labor, waste, and rework. The core weigher can be provided with tote dumpers, bulk hoppers, box erectors, closers, labelers, and palletizing system.

Value - increased output for all your filling needs resulting in cost effective, efficiently filled packages

State of the art electronics – The FAW-TR utilizes our standard B&R Automation industrial electronic platform. Programming calculates weight in real time while filtering out noise and vibration. Large 10.4” Industrial touch screen with simple control settings for easy operation

Weighmaster® FAW Features:

10’ Smart Box conveyor system. (Custom lengths and configurations)

Auto-Calibration

Bar Code Reading

Calculate Weight in Real Time While Filtering out Noise and Vibration

Continuous Product Feeding for up to 25 Cycles per Minute

Custom Password Lock Outs

Dual Output, Dual Amplitude Bowl

Dual Pan Feeders with independent bulk and top off feed.

Easy to Understand Friendly Operator Interface

Heavy Duty Floor Level Elevator Hopper

Industrial Grade Stainless Steel Bowl, Hopper, & Stand

Integrated controls and Remote Network Capability

Large 10.4” Color Touch Screen Display

Most Efficient for 50 Piece Counts and Higher

Most Efficient for Weight of 10 Ounces up to 12 Pounds

Multi-Language Options

Out of Tolerance Batch Reject

Patented Dual Chamber Product Accumulation

Precision Weigh Cell

Real Time Operational Data

Recipe Management

Self Diagnostics with Remote Diagnostics Capability

Semi-Automatic or Integrates to Other Equipment

Simultaneous Bulk and Singulated Feed

State of the Art High Speed Electronics

Storable Set-Up Parameters of up to 500 Parts

To the Piece Batch Top Off

Tool-Less Changeover

cUL Approved Options

User Friendly Intuitive Set-Up

Variable Electronic Tuning to Run a Wide Range of Parts

Verified Motion Control Technology

Weight to Piece Converter

BSI BATCHING SYSTEMS, INC.

ENGINEERED AUTOMATED PACKAGING SOLUTIONS

Applications: Ideal for higher count batches of hard goods to include fasteners, hardware, sporting goods, pet supplies and medical and dental devices, and many others

Power Requirements:

120 VAC, 1 Phase, 60 Hz @ 15 Amps

Air Requirements:

No air or gate sensors are required for Belt Feed or Tray Feed.
All movements are controlled and verified with stepper motors.

Footprint:

351" wide x 89" deep with standard hopper
Height varies depending on configuration and adjustment

Part Size Range:

Product from 1/8" up to 6" long

Can hold up to 5 pounds up to 150 pounds.

Tote Dumpers and Bulk feed hopper options are available that are engineered to meet your product and operation requirement

Available Configurations:

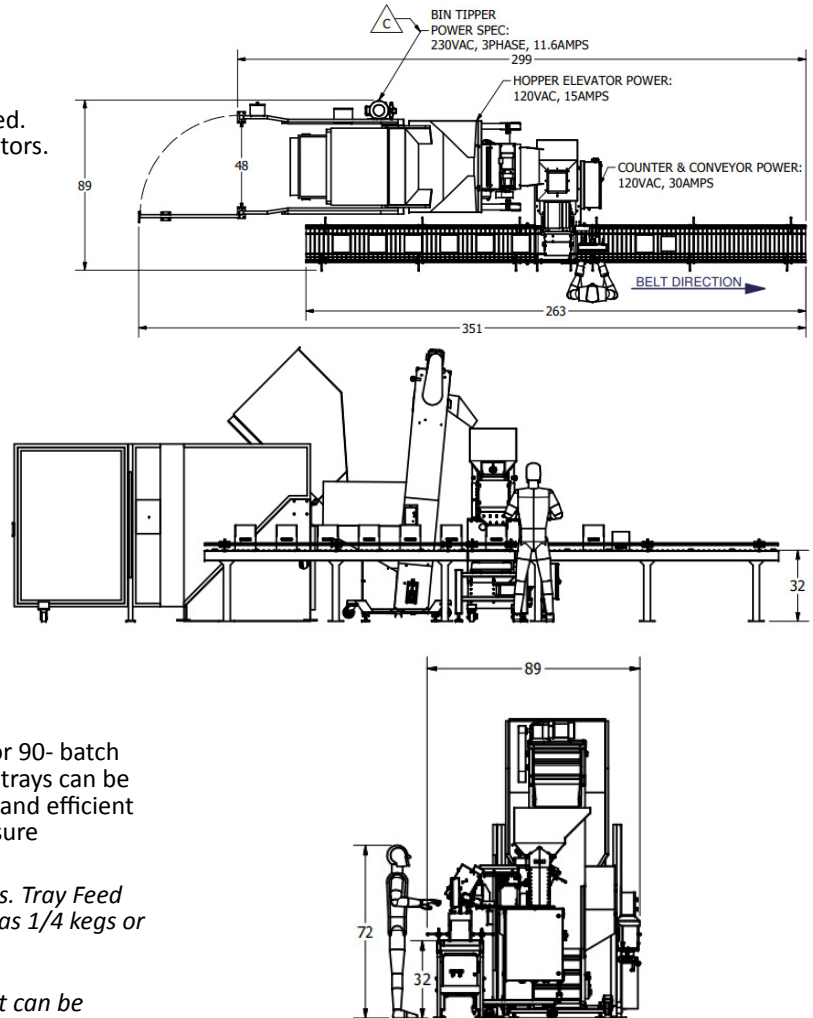
- FAW24 bowl feed
- FAW24-R bowl feed with remote load cell
- FAW-B belt feed
- FAW-BR belt feed with remote load cell
- FAW-T tray feed
- FAW-TR tray feed with remote load cell for large batches

Feeder Trays:

The FAW-TR uses dual output trays design with bulk feed for 90- batch accumulation and singulated to the piece top off feed. The trays can be lined with ultra-liner for part protection, noise abatement, and efficient product flow. The system can be fitted with a sound enclosure for additional noise reduction

** Other configurations are available for different applications. Tray Feed Remote load cell systems are used for larger loads such as 1/4 kegs or large tubs weighing 15 pounds more*

** Tote dumpers, Bulk feed hopper de-nester are options that can be added for easy filling and de-nesting long parts. Box erectors, closers, and palletizers can also be easily integrated with this system.*



Machine Footprint Top, Front, and Side View



Bulk and singulation feed tray



Tote Dumper with Floor Level Hopper and Smart Converter



Weighmaster® FAW-TR with remote load cell

Batching Systems, Inc. | sales@BatchingSystems.com | www.BatchingSystems.com | 410-414-8111

50 Jibsail Drive • Prince Frederick, MD 20678