



www.BatchingSystems.com

Mission Statement

To excel in providing cost-effective solutions to the “Batching and Packaging” needs of our customers, through highly engineered and customized systems that offer reliable and precise count accuracy, while at the same time providing maximum operational flexibility. This we will achieve by adopting a management philosophy of continuous improvement, with emphasis on total employee involvement, which recognizes our employees as our business partners and our greatest asset.

www.Counting.com



Batchmaster® DV60 5 Gate

Batchmaster® IV Benefits:

- Flexibility** - batch a wide variety of product accurately with no changeover parts
- Versatility** - system integration to any type of packaging machine. Designed for short or long production runs and a wide range of product without tool changes
- Count Accuracy** – optically scan, verify by volume and account for out-of-tolerance product by rejecting the batch before entering the packaging machine
- Volumetric Accuracy** - routinely exceeds multi-head weigher performance
- Quick Changeover**— typical product changeover of 2 minutes or less
- Cost Savings** - decrease or eliminate product giveaway with this new patented precision filling technology
- Value** - increased output of up to 100’s of batches per minute
- VMAS Technology** - Verified Movement & Speed of all mechanical movements via a true closed loop system, making this equipment easily validated

Specializing in Product Filling by Count, Weight, or Volume

Batchmaster® IV Continuous Counter

The **Batchmaster® IV Continuous Counter** is an accurate **high speed counting system** that takes the **patented dual view optics** to a whole new level of performance as it analyzes product at **up to 4,000 scans per second** and creates a **high resolution 3-D image** of each part. A **volume analysis** is conducted on the image and a value assigned. Only parts within the assigned volume range are counted, while **out of tolerance parts are rejected** prior to entering the package resulting in **extreme accuracy**.

The processor design allows the feeder bowl to **run continuously** as one batch discharges and the next batch begins to accumulate, resulting in higher output speeds. The new PPU is designed for **tool less assembly and disassembly** for easy cleaning and maintenance and has a transparent front panel for visual inspection. The PPU has a short body to minimize product drop, and the gates are controlled by quiet zero-maintenance **stepper** motors that eliminate the need for sensors and linkages that are wear items and require adjustment or replacement.

The **5 gate** processor can validate and reject bad product that is 30% larger or smaller then the target volume with minimum reduction to cycle time.

Batchmaster® IV Standard Features:

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| <ul style="list-style-type: none"> Patented Dual View Scanner with Part Validation Variable Electronic Tuning to run a wide range of parts Tool-less Assembly / Disassembly Industrial Grade Stainless Steel Stand, Hopper, & Bowl Integrated PLC and Remote Network Capability* Improved Auto-calibration* and Dust Filtering* High Resolution Scans at 4,000 times per second* Self Diagnostics with Remote Capability* Closed Loop Stepper Motor Driven Gates IP65 Wash Down, Food Grade and Anti-Static Options* Partial Accumulation and Split Counts* Storable set-up parameters of 500 recipes* Enhanced 3-D Imaging* Auto Gate Fault Re-start* Single counts run at up to 80+ batches per minute | <ul style="list-style-type: none"> Enhanced Geometry Dual Axis Feeder Tool-less Changeover UL & cUL Approved Option* Auto set-up See Through Operation In-Flight Volume Analysis Optical Piece Count Totalize by volume* Multi-Chamber Part Processor Color Touch Screen HMI Controls Out of Tolerance Batch Reject Multiple Dump Feature Continuous Run Operation Counts parts from 1/8” up to 3” x 7 1/2” Integrates to fill any type of package |
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**New or improved compared to the Batchmaster® III*



Applications: candy, food, IQF products, hardware, fastener, electronics, aerospace, medical and dental device, health and beauty, toy and hobby, sporting goods, jewelry, crafts, plastics, agricultural products, plumbing, plastics, the automotive aftermarket, and many others

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Power Requirements:

120 VAC, 1 Phase, 60 Hz @ 10 Amps

Air Requirements:

No air or gate sensors are required.

All movements controlled and verified with stepper motors

Footprint:

50" deep x 30" to 36" wide

Height varies depending on configuration and adjustment

Part Size Range:

Counts parts from 1/8" up to 3" x 7 1/2"

Depending on size of optics, 100-mm to 200-mm

Bowls: Feed Rate:

12EGS: up to 150 linear inches of feed per minute

24EGS: up to 250 linear inches of feed per minute

24EGV: up to 500 linear inches of feed per minute

243EGV: up to 600 linear inches of feed per minute (*wide track*)

30EGS: up to 300 linear inches of feed per minute

345EGS: up to 350 linear inches of feed per minute (*wide track*)

12C/18 OT: up to 200 linear inches of feed per minute

15C/24 OT: up to 250 linear inches of feed per minute

18C/30 OT: up to 250 linear inches of feed per minute

BMIV is available in single, dual and belt feed configurations

ALL NEW In Flight Volumetric Technology offers:

- Innovative dosing system that uses a patented multi-view scanner to volumetrically measure and tally free falling product into accumulation chambers
- Precise volume weight and / or batches of product in real time as they are streaming in mid-air
- Allows product to stream into a bag or container, eliminating the clogging and jamming issues associated with full dumps of product into a tight container or funnel opening
- Provides accurate, weighted doses without using a scale and is perfect for ready to eat meals, cereal, food recipes, and trail mix
- More accurate doses on ready to eat meals
- More accurate cook times
- Less energy and waste of product
- Increases the accuracy of fill, eliminating waste and giveaway
- Suited for small batches of expensive, high value products,
- Count rolls, bagels, pastries, IQF products, egg rolls, boiled eggs, sauce packs, candy, nuts, dried fruit, chicken, cheese, baby carrots, gummy bears, as well as many others

