



**MANUFACTURED BY
CAM PACKAGING
SYSTEMS**

The CAM Singulator was created by CAM Packaging Systems to address customer needs for precise counting, flexibility, speed, reliability and automation at an affordable price. The result is the ultimate flexible solution for counting and packaging. Perfect system to accommodate your changing customer needs even from one package to the next!. Design for small to large production runs this CAM Singulator can do it all and lower your cost per package!

The advantage of this Singulator design is to accommodate mixed or multi packs, kit building, small medium or large counts into various packages and create on demand assorted packages.

The Singulator can easily adapt to a promotional offer and add one, two or multiple extra pieces into the package. Perfect for target marketing!

Markets but not limited too; confectionary, pharmaceutical, bakery, hardware, detergent, snack food, frozen food, agriculture and produce.

The feeding capabilities are almost limitless and the system is modular enough to be portable and expandable to meet your changing customer requests. The system that can grow with your business is now available.

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The user friendly HMI (Human Machine Interface) Panel has easy to understand function buttons to controller each section of the Singulator along with recipe recall and different levels of password screens.

FEATURES & BENEFITS

- Ergonomically designed for loading bulk bins
- Full Colour HMI Panel
- No Package No Count
- Package placement sensors at each Singulator
- Recipe product recall
- Load Hopper level control with warning lights

CAM Singulator

- Vibration feed hopper with independent speed control
- Incline conveyor with independent speed control
- Individual speed controls for each section of Singulator
- Safety interlock dual channel guarding
- Stainless Steel or food grade approved materials for all contact surfaces
- Small footprint
- User Friendly operator controls
- Flexibility with flavour mixing or kitting
- Modular design to expand as needed
- Designed and built in North America



OPTIONS

- Timing buckets for large count drops
- Quick change feed hopper
- Quick change count conveyor
- Premade Bag support conveyor with sealer
- Bucket conveyor for transport to roll stock bagging equipment VFFS or cartoning equipment
- Check Weigher with rejection system
- Metal detector with rejection system
- Allen Bradley control platform
- Database communication and matching
- Custom design package conveyor for smooth feeding directly into packaging media
- Overflow reloading system
- Remote connections for On Line Ordering
- Bagging equipment
- Automatic package feeding solutions
- Monitoring diagnostics with remote access
- Custom feeding system for unique shaped items.
- Selective feeding configuration



SPECIFICATIONS

SPEEDS:

- Package Speeds up to 30 Packages per minute
- Count speeds up to 120 pieces per minute per Singulator
- Speeds are determined by product size, shape, count required, wrapped or naked items. If wrapped; what style and type of materials used. If raw or naked product texture can influence speeds. In general each Singulator can count 100-120 pieces per minute. In regards to finished packages per minute we can achieve up to 30 ppm. Actual products must be sent for engineering review to provide actual speeds achievable.

CONFIGURATION:

- Single Feeder Singulator
- Six Feeder on single portable frame
- Special frames for 6 and greater will not be portable.
- Can be configured to have up to 24 Singulators in line

