

SINGULATOR 1LR (ROLLER COUNTING MODELS)



APPLICATIONS

- Bulk products are loaded manually or automatically into the large hopper to be continuously fed into counting system.
- The bulk products are separated into single file, then can be precisely counted by sensors as they are grouped into the next stage, such as a holding hopper, or integrated into another machine such as a bagger or cartoner.
- Target counts and product parameters can easily be viewed and adjusted from the touchscreen, along with production speeds and daily statistics.
- These versatile Singulators can handle a wide variety of products with minimal change over. Ranging from chip bags, snack packs, bars, pre-wrapped candies, stick packs, sauces and much more.
 - Making it the perfect machine for creating variety packs or counting a single product into bulk packages.
- The rollers work together to accurately space the products from each other as they increase or decrease individual speeds to either push or pull the products apart to ensure precise counts are met.
- Once separated, items can be counted and loaded into the product collection area or holding hopper to drop the exact number of products into the desired box, case, bag, or carton before quickly closing to collect the next batch.

SPECIFICATIONS

MODEL	1LR	1LR-SB (Switchback)	1LR-T (Twin)	1LR-D (Dual)
Roller Diameter:	20, 30 or 40mm	20, 30 or 40mm	20, 30 or 40mm	20, 30 or 40mm
Servo Drives:	6-30	12-30	8-30 per lane	8-20 per level
Levels:	1	2	1	2
Speeds:	50-250	50-350	50-250	50-250
# of Products	1	1	1-2	1-2

Example of 4-flavour system on Singulator 1LR (With Case Erector + Sealer)



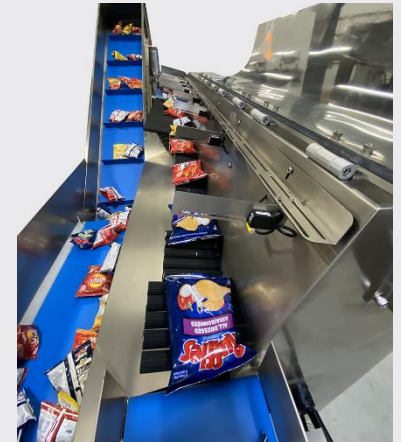
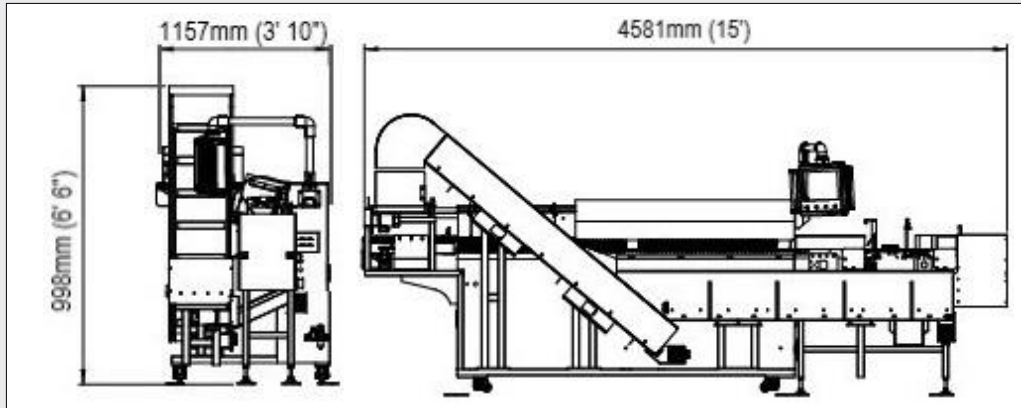
SINGULATOR 1LR (ROLLER COUNTING MODELS)

SINGULATOR 1LR - Regular inline roller counting

- **Singulator 1LR** (regular inline system): Single-lane Singulator available in various lengths depending on the speeds requested and items being run.
- Two format options - Loading hopper beside the rollers or inline and feeds into the roller system making it long and narrow.



MODEL LAYOUT

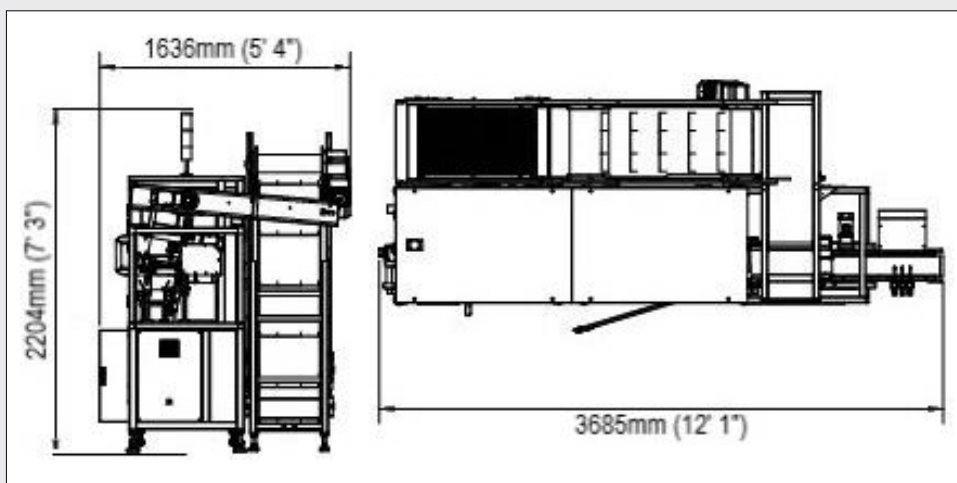


SINGULATOR 1LR-SB – Switchback roller counting system

- **Singulator 1LR-SB:** The Switchback model is our most compact design that can reach the highest speeds for one item. Utilizing two levels allow us to compact the servo drive roller units yet increase the speed.
- Compact footprint with the higher speeds. As we stack the servo drives, we take up less linear space.



MODEL LAYOUT



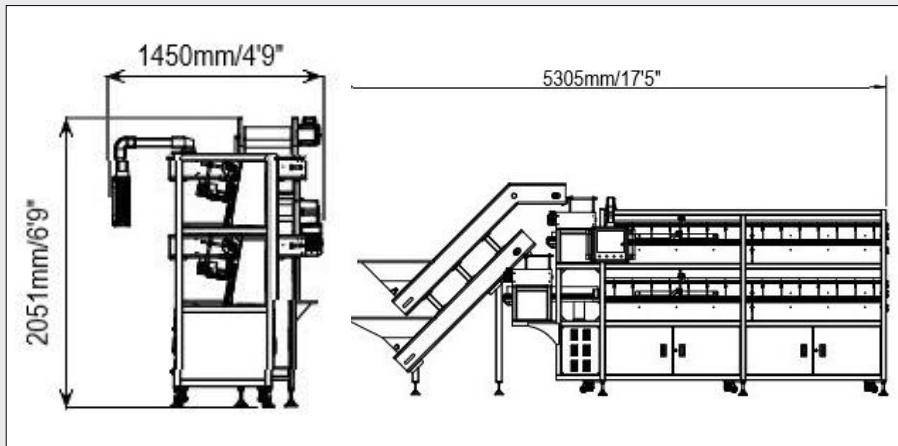
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SINGULATOR 1LR-D - Dual level roller counting system (2 products)

- **Singulator 1LR-D:** Our dual-lane system is two lanes stacked on top of one another each with their own count, mounted to one common frame available in various lengths (run one product per lane or same products on both lanes). Small space required to run two items as they are vertically stacked.
- This model provides a benefit for Kitting projects, lower counts or short packs – like sugar packs, stick packs or hot sauce.

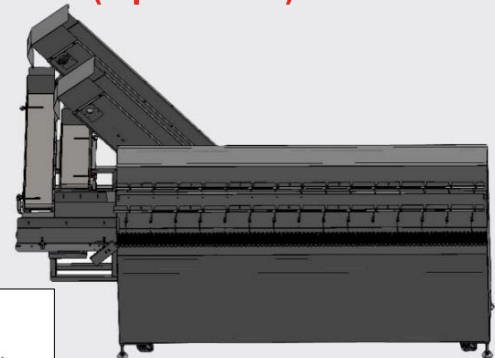


MODEL LAYOUT

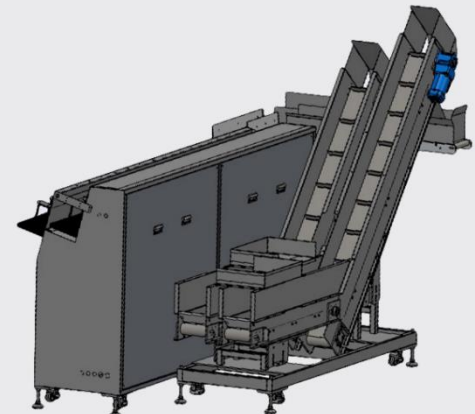
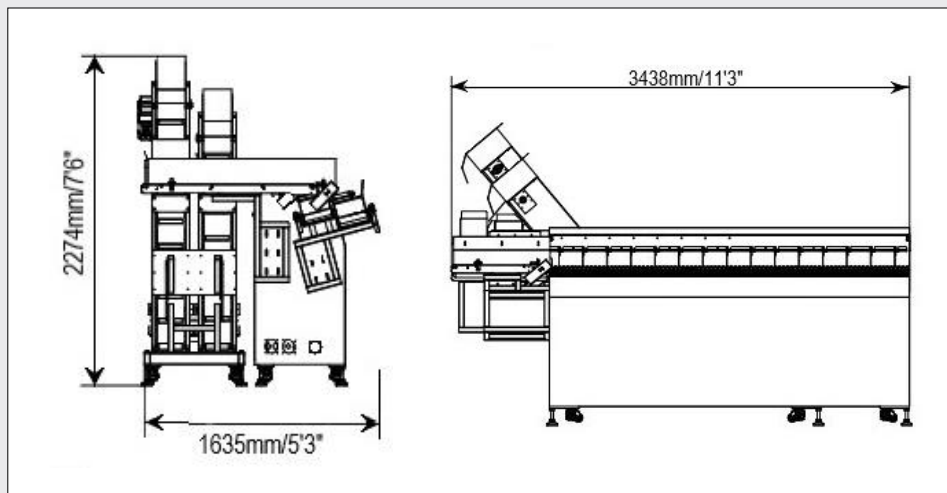


SINGULATOR 1LR-T - Twin lane roller counting system (2 products)

- **Singulator 1LR-T:** Twin-lane system mounted to one common frame available in various lengths. Ability to run two products side-by-side (run one product per lane or same products on both lanes). Small space required to run two items.



MODEL LAYOUT



SINGULATOR 1LR (ROLLER COUNTING MODELS)

Example of 54 Count Variety Packing Solution



Example of 9-Lane System with Case Erecting, Sealing, & Palletizing

