

COLLATOR Series

Semi-automatic case packing



Our Collator series are designed as a first step to your end-of-line automation. These semi-automatic solutions still require manual labour to pack your product. However, these low-cost solutions help you to make your process much simpler and more efficient. With a minimal investment, you can quickly increase your productivity, while reducing labour costs by adding one or multiple of our Collator solutions to your packaging lines.

This semi-automatic packing aid can receive bags from a primary wrapping machine such as a bagging machine, wrapper or thermoform machine. It places them in a vertical stack on an accumulation conveyor (Collator 200) or put them automatically in cases (Collator Buddy). Together with an auto-case former and closer, this additional "Buddy" takes you to the next level of the automation of your packaging process.

Markets

- Snacks
- Confectionery
- Fresh vegetables
- Shredded cheese
- Coffee
- Spices
- Sugar
- Crisps
- Salads
- Nuts

Different machine types

• Collator 200

A semi-automatic packing aid that can receive bags from a primary wrapping machine (such as a bagging machine, wrapper or thermoform machine) and places them nicely in a vertical stack on an accumulation conveyor.

• Collator Buddy

Extension to the semi-automatic packing process of the Collator 200. Instead of picking up the bags by hand, bags are automatically packed into a case.

The vertically collated bags on the outfeed conveyor of the Collator 200 are automatically counted, separated and pushed side-ways on a sliding plate above a case or tray. After the formation of an entire case/tray layer, the sliding plate opens and a top-guiding system will put the layer smoothly into the case.

Packaging specifications

Package



width: 100 - 300 mm height: 20 - 130 mm
length: 150 - 400 mm weight: 25 - 400 g

Capacity: up to 120 PPM (Products Per Minute)*
Other sizes upon request

Container



Collator 200

Pre-erected, dimensions are flexible.

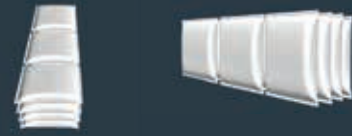
Collator Buddy

width: 300-400 mm height: 120-400 mm
length: 150 - 600 mm

Capacity Collator Buddy

10-15 CPM (Cases Per Minute)*
Other sizes upon request

Pattern horizontal, vertical



(When manually both are possible, with Collator Buddy only vertical)

Main characteristics

- Compact single frame design resulting in minimal floor space (very small footprint)
- Return on investment in a few months only
- Quick changeover without changing parts (less than one minute)
- Elimination of Rotary Pack-off Table Requirements (lowering the cost of the Collator even more)
- Increased line output (Increase production speeds without adding more hand packers)
- Simple interface, easy operation
- Gentle bag handling
- Maintenance friendly design, easy access

Options

- Movable
- Speed up to 120 products per minute
- Height adjustment for the 1800 mm outfeed conveyor
- Three possibilities for infeed conveyor length: 650, 1800 & 2500 mm
- Two possibilities for outfeed conveyor length: 1800 & 2500 mm
- Bag chute
- Left- or right-handed

*Indicated capacity performances depend on the application and are subject to final specification and line configuration.

Contact us today

As every production environment is unique, every organization requires a tailored solution. Challenge us and put our experts to the test, to devise the solution that fits your process like a glove. Contact us today!

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