

# Minimize void and automate lid application

Cut'it!™ EVO

Cut'it!™ EVO Multi-Lid

Cut'it!™ XL



Deliver a Better World

**Ranpak**<sup>®</sup>  
automation

**Automate your packaging process and unlock higher throughput**

As e-commerce continues to expand, automated packaging offers higher throughput while reducing labor requirements. Faced with growing cost pressures and rising order volumes, automation helps you to meet growing customer expectations, such as same-day-delivery.

## Introducing our full portfolio of height reduction, box closing machines

**Cut'it!™ EVO**, **Cut'it!™ EVO Multi-Lid**, and the **Cut'it!™ XL** are Ranpak's right-sizing packaging solutions that increase productivity and reduce costs. These height-reduction box closing machines speed up packaging and minimize logistics. The Cut'it! machines ensure very high packing throughput while easily coping with periods of peak demand. Package void can be reduced by an average of 40% or more. The result is improved operations, happier customers, and better sustainability.

Cut'it!™ EVO ▶

Cut'it!™ EVO Multi-Lid ▼

Up to **15 boxes per minute** with Cut'it! EVO for high packaging throughput especially during periods of peak demand

Reduction of void by **40%+** on average.

▼ Cut'it!™ XL

Up to **7 extra large boxes per minute** with Cut'it! XL

The Cut'it! machines offer integrated height reduction technology, which automatically adapts the height of a box to the highest point of filling. This significantly reduces shipping costs based on carrier rates that rely on dimensional weight. This allows more packages to be shipped per pallet for improved efficiency and lower rates. You will see faster and leaner operations, cost savings on packaging materials and shipping, and a lower carbon footprint thanks to consolidated shipping volume.

## How it works

**1.** Packed boxes arrive at the machine



**2.** **Height detection**  
The detection plate identifies the highest point of filling.



**3.** **Box Corner cutting**  
A blade on each corner cuts carton edges automatically.



**4.** **Creasing or cutting**  
Flap fold lines are created on demand by scoring - no material is cut or removed from the box.



**5.** **Flap folding**  
The flaps are folded to reduce parcel height.



**6.** **Lidding**  
A glued lid is applied automatically.



**7.** **Box closing**  
The box is now ready for palletizing and shipping.

The **Cut'it! EVO** creates fold lines by creasing the box. The **Cut'it! XL** cuts the outer layer of the corrugated to create a line for folding.

Check out the video!



# Benefits of 1D height reduction

## Cost efficient

Higher throughput with less labor - the Cut'it! machines improve productivity during regular operation and also handle peak demand easily with far fewer temp employees. Additional cost savings come from reduced carrier rates due to smaller parcels and using less void fill packaging material.

## Sustainable

No more shipping air - smaller boxes use far less additional void fill material, making a positive impact on the environment. Because shipping volume drops, there are also fewer trucks on the road, reducing GHG emissions.

## Highly protective

A glued lid on a right-sized box means stronger, tamper-proof packages. Custom lid design allows boxes to be easily opened and also reliably closed for better protection during returned shipments.

## Great unboxing experience

Appropriately sized boxes improve customer satisfaction, with less void fill material to discard or recycle. Easy opening and reclosing with tear-off strips make things even more simple.



“

The Ranpak machines paid for themselves within a year. The combination of labor savings, material reduction, and lower transport costs makes this a very profitable investment.

”

Hans Heijdemans  
Director of Distributions Helly Hansen

Strong parcels with glued lids

Custom design  
Flexible tray and box designs offer almost endless ways to enhance your brand awareness.

Use up to 4 different lid designs with Cut'it! EVO Multi-Lid.

Easy to open  
Easy opening and reclosing with tear-off strips improves package quality.

Less air and void fill material

Box height adjusted to fit box contents

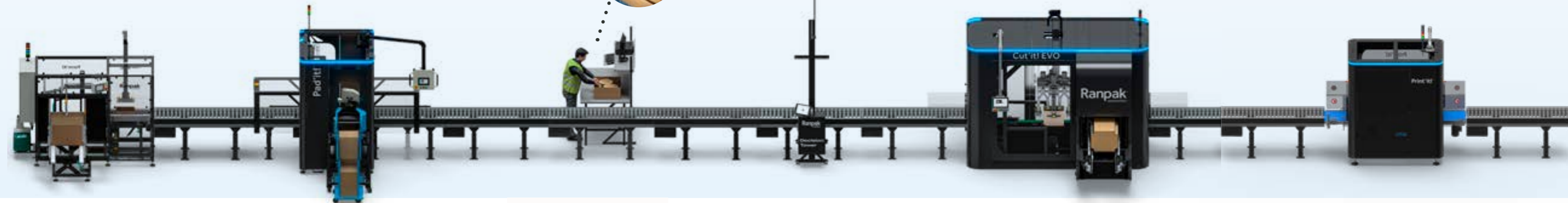
Tamper-proof deliveries

## Higher quality packaging for satisfied customers

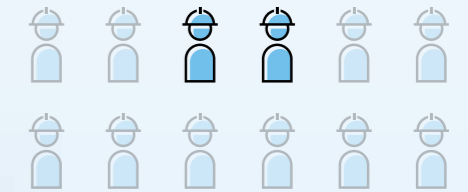
# The complete automated end-of-line packaging process

End-of-line packaging always starts with box erection and ends with box closing. The Ranpak box closing machines are designed to operate in combination with a Form'it!™ Case or a Form'it!™ Tray box erector. This allows you to automate your entire end-of-line packaging process, with speeds of up to 15 boxes per minute. It means even lower labor costs, robust peak handling, and further cost savings. Ranpak offers diverse options for enhancing the packaging line even further and is ready to help you find the optimal solution for your needs.

Adding protective packaging material if needed



Labor savings can exceed 10+ packers per line



## Box erection

A Form'it! machine automatically creates the box or tray.

EVO XL

## Bottom pad insertion (optional)

Pad'it! automatically inserts a paper-based cushioning pad at the bottom of the box.

EVO

## Product insertion

Products are inserted at a picking area or packstation.

EVO XL

Manual step

## Quality check of boxes (optional)

DecisionTower inspects the quality of incoming boxes and captures images of both the box and its contents.

EVO XL

## Height reduction and box closing

Cuti'it! EVO, Cuti'it! EVO Multi-Lid, and Cut'it! XL automatically reduce box height and apply the glued lid.

EVO XL

## Box printing (optional)

The Print'it! solution adds a unique, full-color print on top of each box.

EVO

## Shipping label application

Closed box moves to the conveyor for automatic shipping label.

## Sorting

Boxes are sorted and palletized.

## Cut'it!™ EVO

# Smaller boxes and automated lid application

Cut'it!™ EVO is a flagship automated packaging solution that both increases productivity and reduces costs. It is a height-reduction box closing machine that speeds up packaging and minimizes logistics.

Cut'it! EVO finishes up to 15 size-optimized boxes per minute, ensuring very high packing throughput and coping with periods of peak demand. On average, shipping volumes are reduced by 25%, while easily reducing individual package volume by up to 40%. The result is improved operations, happier customers, and better sustainability.



Up to **15 boxes per minute** for high packaging throughput especially during periods of peak demand

**Reduction of void by 40%+ on average.**

**OPTIONAL**  
Use up to 4 different lid designs on a single machine with **Cut'it!™ EVO Multi-Lid.**

## Your benefits

**Fast and efficient**  
The Cut'it! EVO processes up to 15 size-optimized boxes per minute, perfect for high-volume operations and peak demand.

**Compact and easy to integrate**  
Designed for easy integration, the Cut'it! EVO has a small footprint and can be configured for left or right orientation with quick setup.

**Innovative and easy to operate**  
A user friendly 12-inch HMI screen and large transparent sliding doors allow operators to monitor the machine while running, and provide easy access for maintenance.

**Data-driven optimisation**  
Box-specific data insights are available. Cut'it! EVO shares data on each specific box size, and can be used to select the most optimal carrier and/or validate carrier invoices.

- **KPI data reporting**
- **Remote assistance/support**
- **Video camera system**

## State of the art technology



- Optimized design**
- Big sliding doors for easy maintenance
  - Easy to load lid magazine
  - Large windows



- User-friendly interface**
- 12-inch full color HMI display
  - Swivel arm display for use on either side of the machine
  - Start, stop, and reset button



- Cutting and creasing**
- Combined cutting and creasing maximizes height reduction potential



- Easy integration**
- Small machine footprint
  - Machine available in left or right orientation
  - Box footprint changeable in a day

← **Ranpak Connect (optional)**

## Cut'it!™ EVO Multi-Lid

# Four unique branded lids on a single machine

Branding is becoming more important, especially to brand-sensitive companies. The Cut'it!™ EVO Multi-Lid gives you the ability to combine a universal box with different lids, so that a single packaging line can serve multiple customers.



← C and D lid magazines on opposite side.



## Your benefits

### Box branding flexibility

B2B and B2C orders are often shipped from the same warehouse. With Cut'it! EVO Multi-Lid, customers can apply different branding with the same packaging line. Multi-Lid also provides an efficient solution to the challenge of differentiated branding for channel/platform and direct sales.

### Improve competitiveness

Increase your 3PL competitive advantage thanks to the ability to ship multiple brands using a single packaging line.

### Future proof

The Multi-Lid module can be retrofitted to an existing Cut'it! EVO\*. Easily scale up from 2 to 4 different lid magazines as your business expands.

### Cost efficient

It's now possible to ship brand specific boxes using a single packaging line. No more need to invest in dedicated machinery for individual customers or product lines.

### Optimize usage of space

Use a single warehouse or packaging line to serve multiple customers.

### EOL packing efficiency

Enhance logistical efficiency through late-stage customization. Use only one universal box for the picking process, applying brand specific lids at the end.

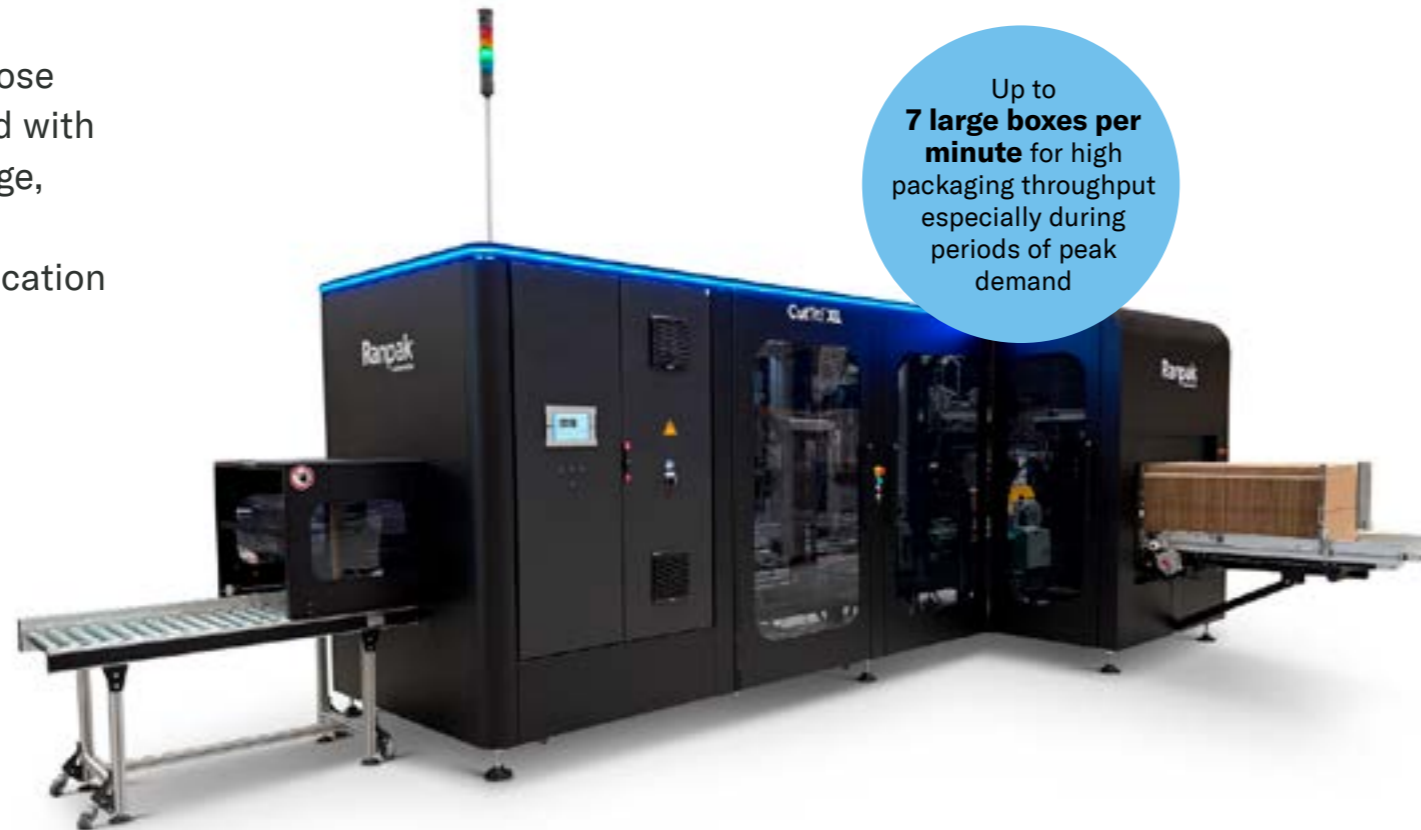
\*Second generation

## Cut'it!™ XL

# Automated box height reduction and lidding for large products and multi-orders

Cut'it!™ XL is built to rightsize and close extra large boxes fast, efficiently, and with minimal void. Designed for bulky, large, and multi-item orders, it automates 1D box height reduction and lid application to improve throughput and reduce shipping costs.

Cut'it! XL processes up to 7 size-optimized boxes per minute, helping businesses deal with labor shortages, e-commerce complexity, and void limit legislations. By removing excess air and packaging material, it lowers shipping volume, improves the unboxing experience, and enhances overall sustainability. The result: smarter packing for large-format logistics—backed by ergonomic packing process (due to boxes without flaps), and actionable data insights.



Up to  
**7 large boxes per minute** for high packaging throughput especially during periods of peak demand

## Your benefits

### Fast and efficient

Increased productivity through automatic height reduction and fast throughput of up to 7 large boxes per minute.

### Lower shipping costs

Tailor box sizes to orders, cutting down costs that add up based on dimensional weight. Larger boxes are particularly susceptible to volume based freight charges, making void reductions a quick path to significant savings thanks to a massive drop in carrier rates.

### Data insights

Box-specific data insights are available. Cut'it! XL shares data on each specific box size, and can be used to select the most optimal carrier and/or validate carrier invoices.

### Higher operational efficiency

Unlock a pick-to-shipper flow, helping improve packer efficiency. Packers no longer need to deal with extra-large box sizes with manually adjustable flaps. Instead, they gain significant time savings, material savings, and reclaimed space in the warehouse even while handling heavy, large, and irregularly shaped items.

- KPI data reporting
- Remote assistance/support
- Video camera system



## State of the art technology



### Optimized design

- Large hinged doors for easy service access
- Easy to load lid magazine
- Large transparent windows for optimal visibility
- Left and right orientation available



### Innovation & data insights

- Large full color HMI display
- Servo-driven precision ensures quality and uptime
- IoT module with smart real-time data reporting
- Box specific data export for full traceability



### Sophisticated cutting mechanics

- Vertical cuts reduce height; horizontal cuts create fold lines
- Ideal for strong, thick and double flute corrugated without waste
- Reliable folding for superior protection during transit



### Large box range

- Very large box range from 600x350 up to 1000x610 mm / 23.6x13.8 up to 39.4x24.4 inch
- Enables a standardized packaging process for oversized items

← **Ranpak Connect** (optional)

# Service & support

## Support

### Process support

- Go-live and further operational support.
- Maintenance training.
- Optional machine upgrades.

### 24/7 support hotline

- Tech-support on demand, with service level adapted to customer specific needs (up to 24/7).
- Quick responses thanks to remote access machine monitoring.

### Service and after sales

- Preventive maintenance contracts.
- Spare part packages.
- Hotline support tailored to your needs.

## Consulting

- Analysis of all product and packaging requirements, including total process flow within the warehouse.
- Advice on the most suitable automated packing solution for your process.
- Sharing of industry-wide experience with similar products.
- Optimized carton size and design.
- Assistance with optimizing packing process within customer constraints.
- Support with all required information to create the business case.

## E-learning

- Cut'it! EVO comes with an e-learning module so you can train all packers and operators thoroughly, with high consistency.
- Quick onboarding and highly efficient ongoing machine operation.



## Sustainability and convenience improving brand loyalty

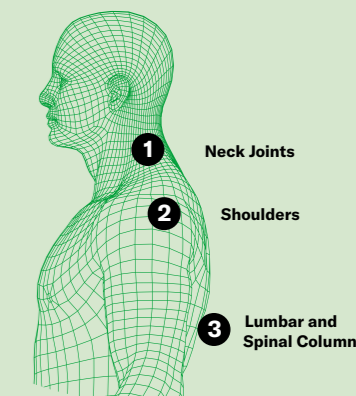
As consumer demand for optimized and eco-friendly packaging increases, shipping less air and using fewer packaging materials can make it clear that you take sustainability seriously. Not only do customers benefit from a great unboxing experience thanks to easy opening, curbside recyclability, and simple returns – they also have less waste to deal with. Customers will associate your brand with environmentally-friendly packaging.



**25% less trucks on average**



**Save up to 25% on corrugated cost**



**Improved ergonomics & productivity**

# Specifications

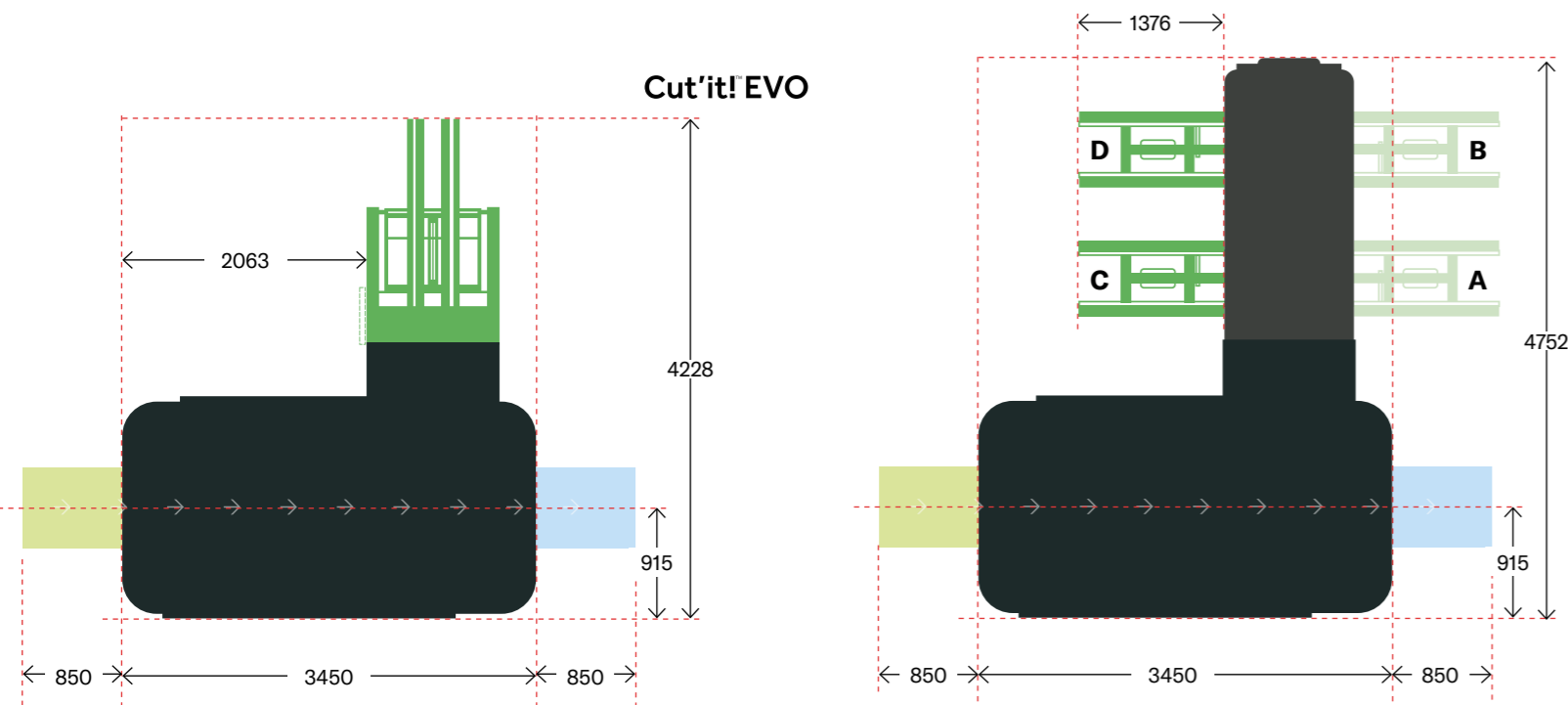
## Machine dimensions\*

	Cut'it!™ EVO		Cut'it!™ EVO Multi-Lid		Cut'it!™ XL	
Length	3450 mm	11 ft 4 in	3450 mm	11 ft 4 in	5715 mm	18ft 9 in
Width	4228 mm	13 ft 11 in	4752 mm	15 ft 7 in	4128 mm	13 ft 6 in
Height	3031 mm	9 ft 11 in	3031 mm	9 ft 11 in	2398 mm	7 ft 10 in
Weight	2120 kg	4674 lbs	3100 kg	6834 lbs	3158 kg	6962 lbs

\* Footprint machine excluding safety tunnels and lid magazines

### Optional features

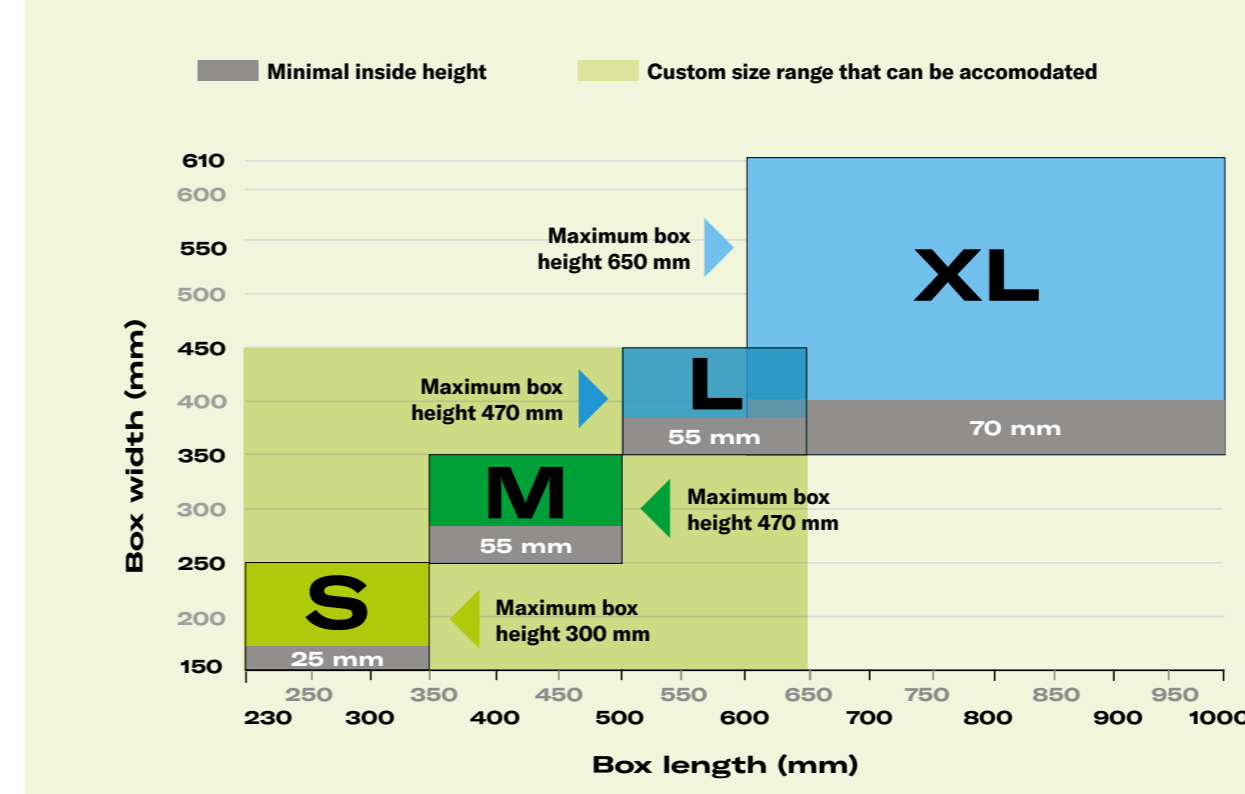
- Handling of multiple height boxes
- Data reporting subscription
- Shortened lid magazine
- Profinet interface
- Nordson Hotmelt Equipment
- Heavy load options
- Different machine colors
- Up to 4 lid designs possible with Cut'it! EVO Multi-Lid



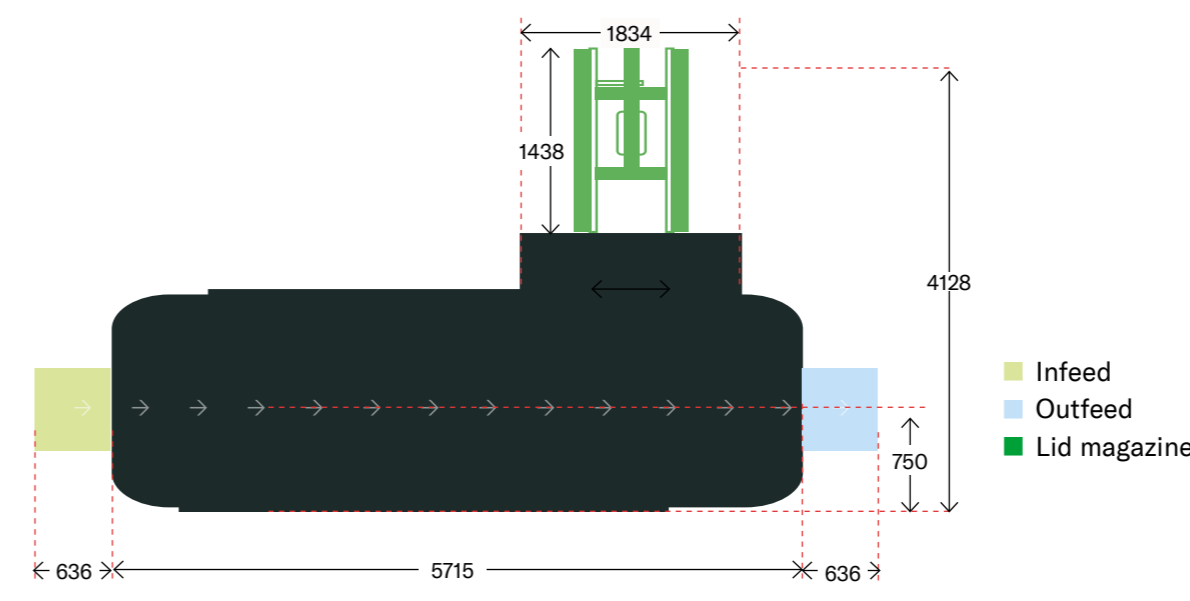
## Cut'it! EVO Multi-Lid

- Infeed
- Outfeed
- Lid magazine\*

\* A and B lid magazines are optional. To save space, only the C and D magazines are included by default.



## Cut'it! XL



Technical data	Cut'it! EVO	Cut'it! XL
Box types	FEFCO 0200/452/453*	FEFCO 0200
Machine throughput	Up to 15 boxes/minute	Up to 7 boxes/minute
Box length	From 230 to 650 mm From 9.1 to 25.6 inch	From 600 to 1000mm From 23.6 to 39.4 inch
Box width	From 150 to 450 mm From 5.9 to 17.7 inch	From 350 to 610 mm From 13.8 to 24.4 inch
Box height	Up to 300/470 mm** Up to 11.8/18.5 inch**	Up to 650 mm Up to 25.6 inch
Minimal inside height after height reduction	25/55 mm** 1.0/2.2 inch**	70 mm 2.8 inch
Box weight (maximum weight S to L)	15 to 35 kg** 33 to 77 lbs.**	35 kg 77 lbs
Effective length of lid magazine	1500 mm / 900 mm*** 59 inch / 35 inch***	1250 mm 49 inch
Conveyor height	750 ±50 mm 29.5 ±2.0 inch	750 ±50 mm 29.5 ±2.0 inch
Hot melt applicator	Robatech auto refill	Robatech auto refill
Remote access module	Ewon Flexy 205	Ewon Flexy 205
Standard color	Black	Black
Air pressure	6 bar / 80 psi	6 bar / 80 psi
Electrical voltage	3PH 400V + PE +N (IEC) 3PH 480V + GND (UL/CSA)	3PH 400V + PE +N (IEC) 3PH 480V + GND (UL/CSA)

\* Other types on request  
\*\* Depending on box size  
\*\*\* Cut'it! EVO Multi-Lid dimensions



# Deliver a Better World<sup>®</sup>

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