

Cut'it!™ EVO

Smaller boxes and automated lid application

Deliver a Better World



Ranpak[®]
automation

A man in a light blue polo shirt is focused on sealing a cardboard box with a handheld tape dispenser. He is in a warehouse or factory setting, with other workers and machinery visible in the background. The scene is brightly lit, and the overall atmosphere is one of busy, organized activity.

**Automate your
packaging
process and
create a higher
throughput**

As e-commerce continues to expand, automated packaging can give you higher throughput and a smaller labor requirement. Faced with growing cost pressures, and rising order volumes, automation helps you to meet growing customer expectations such as same-day-delivery.

Cut'it!™ EVO is one of Ranpak's automated packaging solutions that both increases productivity and reduces costs. It's 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 easily with periods of peak demand. On average, shipping volumes are reduced by 25%. 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

Average reduction of **at least 25%** of shipping volume

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

Cut'it! EVO offers integrated height reduction technology which automatically adapts the height of a box to the highest point of filling, preventing an unnecessary void. This allows more packages per pallet for improved logistics. You will see faster and leaner operations, cost savings on packaging materials, and a lower carbon footprint.

How it works

1. Packed boxes arrive at the Cut'it! EVO machine



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



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



4. **Creasing**
Crease lines for the flaps are created.



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.



**Check out
the video!**



Your benefits

Cost efficient

Higher throughput with less labor – Cut'it! EVO improves productivity during regular operation and also handles most peak demand easily with far fewer temps. Additional cost savings come from using less void fill packaging material and from transporting smaller parcels.

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.

Highly protective

A glued lid on a height-reduced 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.

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. An integrated connectivity module (IIoT) enables remote tech support, complete with integrated camera system and KPI data reporting.

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 easier.



“ *Being able to fit the box to the product has given us major improvements in shipping efficiency, making big differences to the bottom line and to our environmental impact.* ”

Jan Baan | CEO & Co-owner Omoda

Higher quality packaging for satisfied customers

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**

Less air and void fill material

Easy to open
Easy opening and reclosing with tear-off strips make things even easier.

Box height to fit box contents

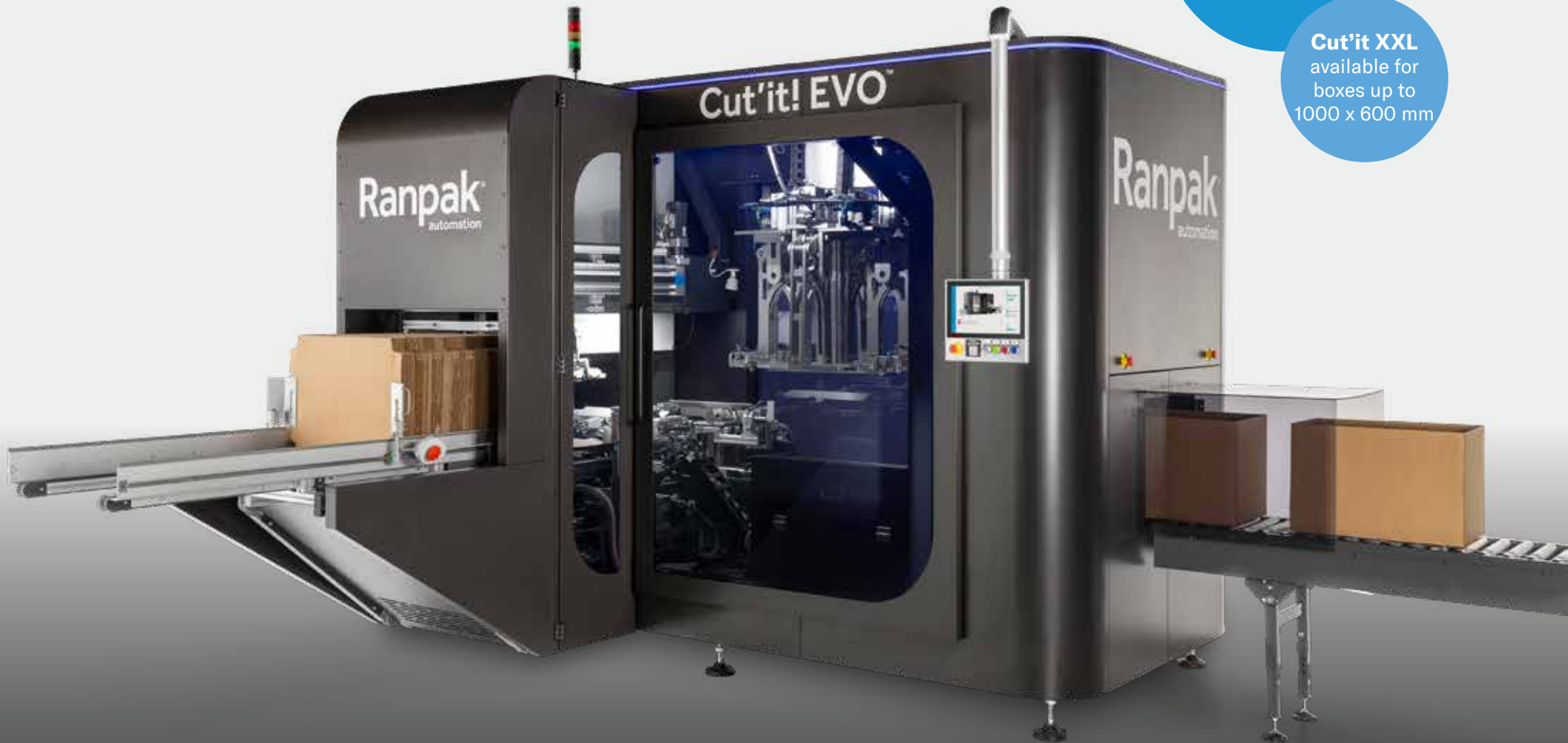
Tamper proof deliveries



State of the art technology

Configurable box sizes
from 230 x 150 mm
up to 650 x 450 mm

Cut'it XXL
available for
boxes up to
1000 x 600 mm





Optimized design

- Big sliding doors for easy maintenance.
- Easy to load lid magazine.
- Large windows.
- Integrated glue storage.



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

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



The complete automated end-

End-of-line packaging always starts with box erection, followed by box closing. The Ranpak Cut'it! EVO box closing machine can be enhanced still further by using it 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 / minute. It means even lower labor costs, robust peak handling, and further cost savings.



Adding protective packaging material if needed



The process

Box erection

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

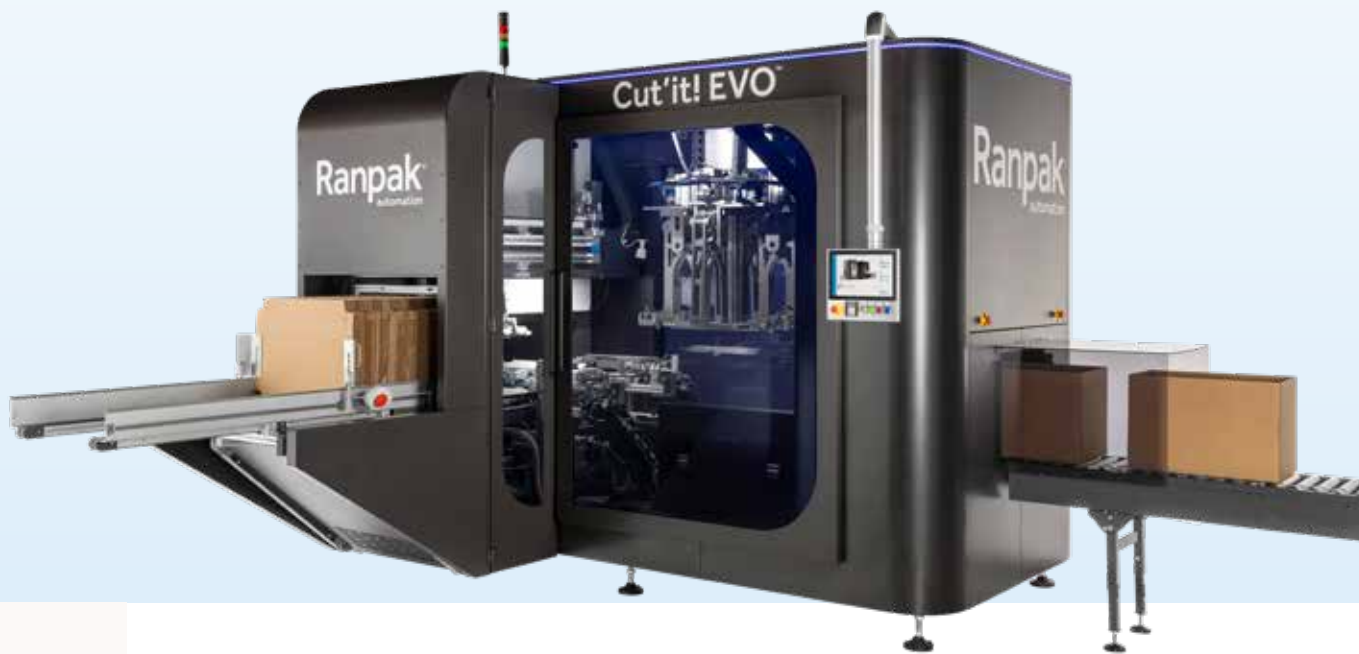


Product insertion

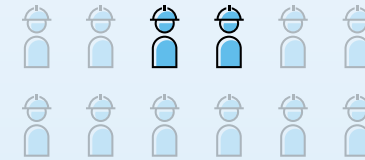
Products are inserted at a picking area or packstation.

Manual step

of-line packaging process



**Labor savings
can exceed
10+ packers
per line**



Height reduction and box closing

Cuti't! EVO automatically reduces box height and applies lid.



Label application

Closed box moves to the conveyor for automatic shipping label.



Sorting

Boxes are sorted and palletized.

Cut'it!™ EVO Multi-Lid

Four unique branded lids on a single machine

Box branding is getting more and more important, especially for 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.

Cost efficient

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

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.

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.

Optimize usage of space

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

*Second generation

Service & support



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.

Support

Process support

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

Hotline 24/7

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

Life-cycle support

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

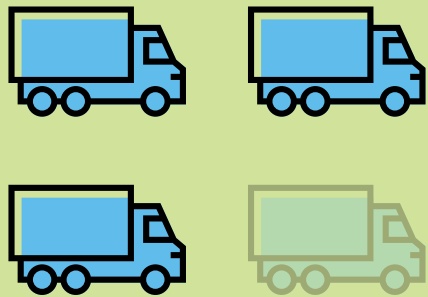
E-learning

- 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.



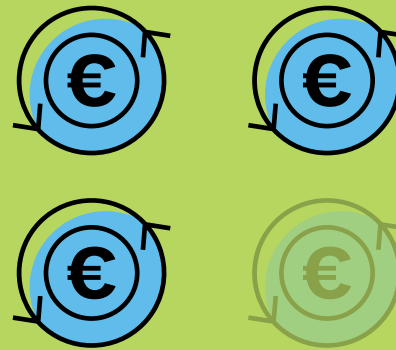
Sustainability and convenience improving brand loyalty

Customers are becoming more and more serious about sustainability. By shipping less air, and using fewer packaging materials, you can make it clear that you also take sustainability seriously. Not only do customers benefit from a great customer experience thanks to easy opening and easy returns – they also have less waste to deal with. Customers will associate your brand with environmentally friendly packaging.



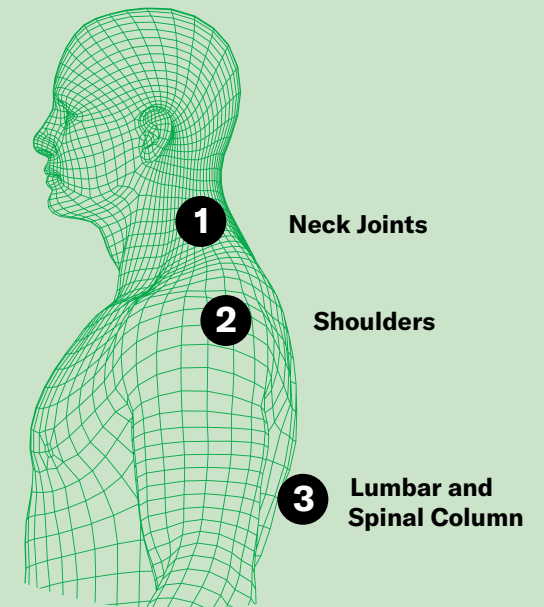
25% less trucks

Thanks to **box height reduction**, fewer trucks are needed to transport your products, this results in **less CO₂ emissions**



Save up to 25% on corrugated cost

by replacing crash-lock boxes with regular boxes or trays.



Improved ergonomics & productivity

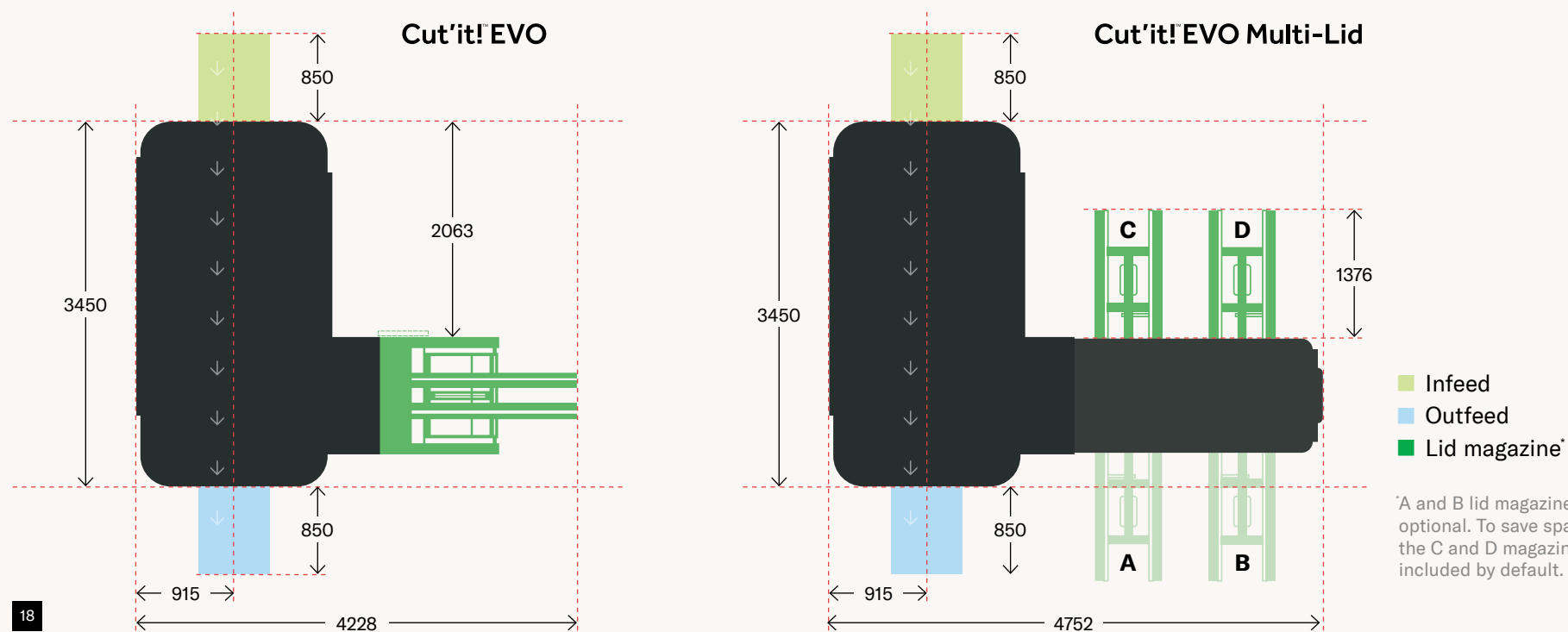
Automated box erecting/closing, and trays instead of regular boxes, limits repetitive movements for lower risk of repetitive stress injuries (RSI) to neck joints, shoulders, and lumbar a spinal column.

Specifications

Machine dimensions*

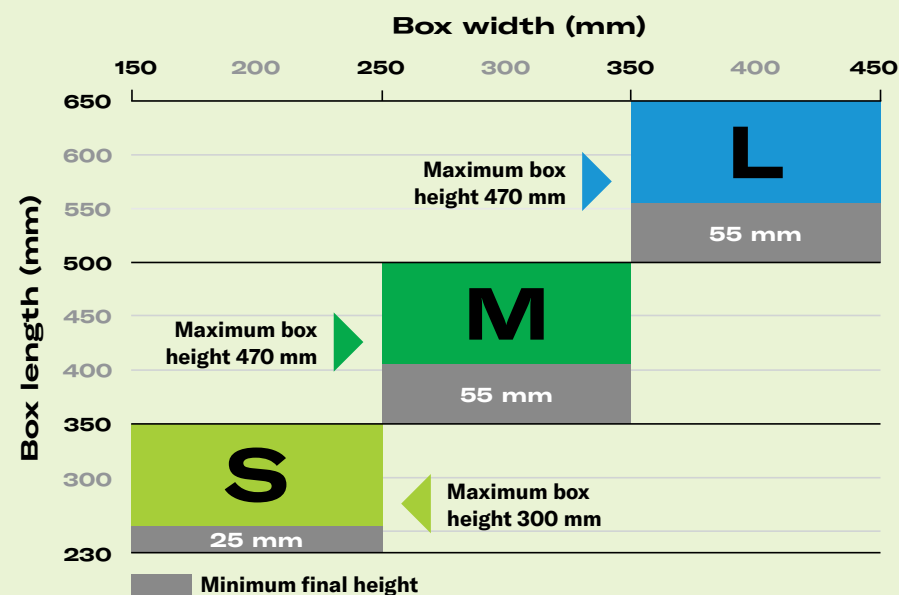
	Cut'it!™ EVO		Cut'it!™ EVO Multi-Lid	
Length	3450 mm	11 ft 4 inch	3450 mm	11 ft 4 inch
Width	4228 mm	13 ft 11 inch	4752 mm	15 ft 7 inch
Height	3031 mm	9 ft 11 inch	3031 mm	9 ft 11 inch
Weight	2120 kg	4674 Lbs.	3100 kg	6834 Lbs.

* 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 color
- Up to 4 lid designs possible with Cut'it! EVO Multi-Lid



Technical data

Box types	FEFCO 0200/452/453*
Machine throughput	Up to 15 boxes/minute
Box length	From 230 to 650 mm From 9.1 to 25.6 inch
Box width	From 150 to 450 mm From 5.9 to 17.7 inch
Box height	Up to 300/470 mm** Up to 11.8/18.5 inch**
Minimal inside height after height reduction	25/55 mm** 1.0/2.2 inch**
Box weight (maximum weight S to L)	15 to 35 kg** 33 to 77 Lbs.**
Effective length of lid magazine	1500 mm / 900 mm*** 59 inch / 35 inch***
Conveyor height	750 ±50 mm 29.5 ±2.0 inch
Hot melt applicator	Robatech auto refill
Remote access module	Ewon Flexy 205
Standard color	Black
Air pressure	6 bar / 80 psi
Electrical voltage	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[®]

ranpak.com Reach us at: +31 88 255 1111 | auto.contact@ranpak.com

Subject to modifications; No liability accepted for errors or misprints!

CUTIT-202403-EN