

# Flap'it!™

## Integrated packing for small products



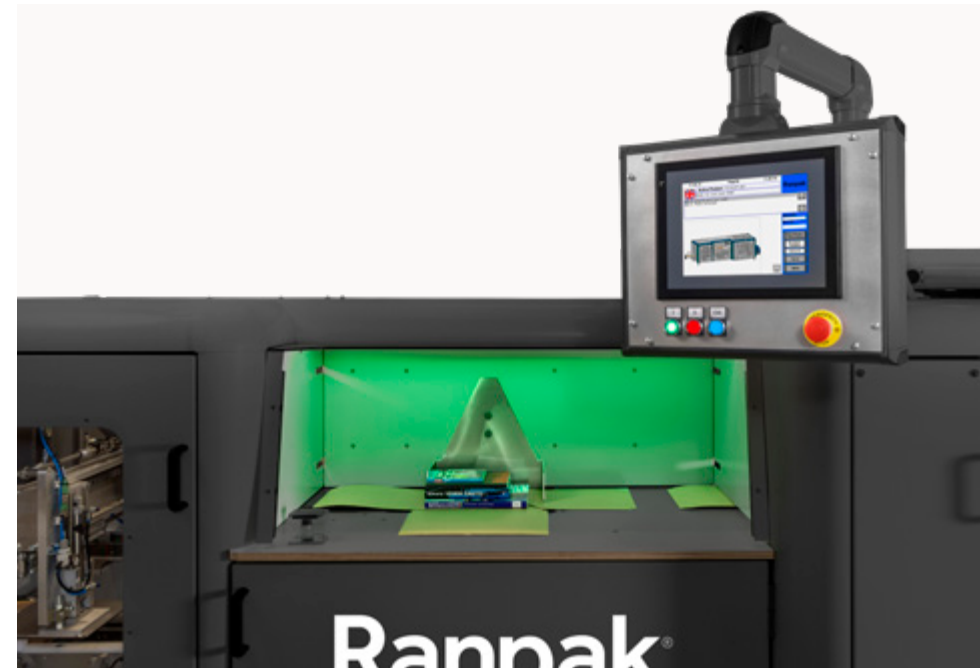
**Ranpak®**  
automation

The ergonomic Flap'it!™ system is a highly effective solution that automates the packing of small products.

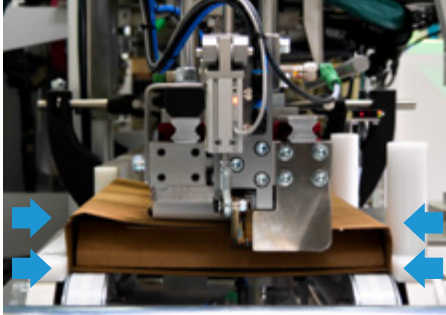
## Best-in-class packaging for small parcels

E-commerce and logistics operations can benefit from outstanding product protection when shipping products such as books, video games, DVDs, spare-parts, and small electronics. Flap'it!-produced boxes significantly reduce damages during transport and ensure fewer product returns, thanks to integrated cushioning bumpers at box corners.

The Flap'it! packaging concept uses a magazine-fed cardboard blank, which is twisted into a cross. After products have been inserted, the final package height is adjusted for a good fit. The box flaps are folded and glued together with hot-melt adhesive, making the parcel ready to ship. Small parcels can then be delivered via a letter-box.



# Key features



## High level of protection

Integrated cushioning bumpers at the box corners provide excellent protection to packed products.



## Automatic adjustment to product height

Flap'it! creates the smallest possible parcels, without additional void fill material.



## Up to 9 packages/minute

5x faster than manual packing - up to 9 packages/minute (vs 1 to 2 packages).



## Easy to use automated packing

Only short training via an e-learning module required which means quick onboarding of new employees.

## Easy-to-open parcels

Improved unboxing experience, with easy-to-open parcel design.



## Ranpak online services

Remote support and daily data reporting.



## Small footprint

Easy integration into your packing line due to small footprint. Fits within any pick-then-pack process.

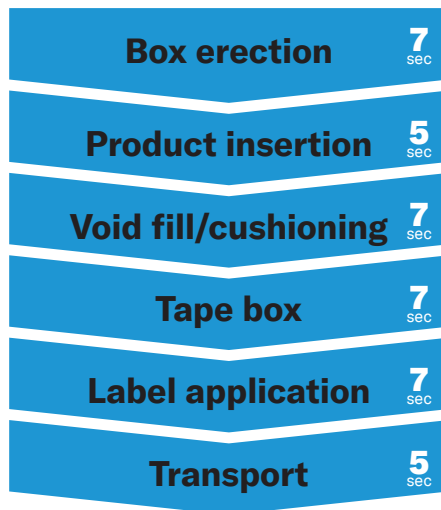
# Your key benefits

## Increase your productivity

Integrated packaging enables a five-fold increase in operator throughput.

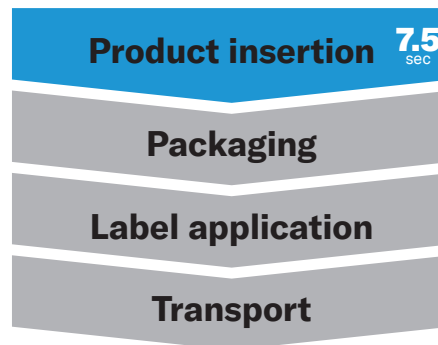
Operators simply insert products - the machine automates all other steps in the packaging process.

### Manual



**38 seconds in total**

### Flap'it!



**7.5 seconds in total**

- Manual steps
- Automated steps

## Protect your products, and cut shipping costs

Shock-absorbing bumpers at the edges of the parcel provide superb corner protection. The height of the parcel is automatically adapted to the height of the products, and reduced average parcel size allows lower shipping rates.



## Operate it easily

Onboarding is easy and fast thanks to intuitive operation and our e-learning module. And integrated safety light curtains make operations both simple and safe.



## Keep products in position

Products are fixed in place with integral inner flaps, eliminating the need for additional void fill or cushioning material.



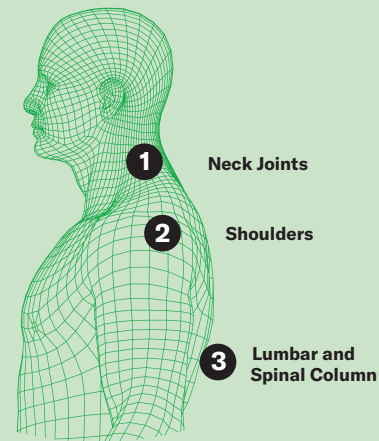


# Our purpose

We bring supply chains in balance with the environment and deliver protective packaging solutions that are good for the world, and good for the bottom line.

## Ultra-thin boxes

Reducing box size to the minimum enables usage of sustainable last-mile delivery.



## Improved ergonomics & productivity

Limiting repetitive movements reduces employee risk of repetitive stress injuries (RSI).

## Sustainability and convenience are key to brand loyalty

Eliminating the need for additional packaging positively impacts the environment. Easy opening and clean presentation enhance customer experience.



# Specifications

## Machine dimensions

	Flap'it!™	
Length	4360 mm	171 <sup>21</sup> / <sub>32</sub>
Width	1480 mm	58 <sup>17</sup> / <sub>64</sub>
Height	1300 mm	51 <sup>3</sup> / <sub>16</sub>
Weight	1500 kg	3,300 Lbs.

## Optional features

- Barcode reader
- [Auto-refill for the hotmelt →](#)
- Camera system
- Custom color



## Technical data

Packaging process	Automatic
Capacity	up to 9 packs/min
Package sizes*	From 244 x 209 x 5 mm to 325 x 250 x 80 mm
* US package sizes	From 9.5" x 8" x 0.2" to 12.75" x 10" x 3"
Operator interface	Color touch screen
Hot melt applicator	Robatech/Nordson
Remote access module	Ewon
Standard color	Black RAL 9004
Air supply	6 bars
Electrical supply	400 VAC, 25A







# Deliver a Better World™

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