

Sealed Air[®]
BRAND

Sealed Air

I-PACK DUAL

**AUTOMATED
VOID REDUCTION
SYSTEM**

**TWO BOX SIZES,
ONE POWERFUL
MACHINE**



E-commerce has changed the landscape of warehouse operations forever. Instead of more predictable volumes in higher quantities, warehouse operations now need to be able to fulfil any order, any SKU, in any quantity or combination within a few days. This has meant a major shift in how warehouses view packaging, too. With more unpredictable order profiles, warehouses often need to choose between fewer packaging options that result in more air shipped and more waste or a variety of packaging options which adds even more complexity to their operations.

THE NEW EFFICIENT SOLUTION TO STREAMLINE PACKAGING FOR VARIOUS ORDER PROFILES.

The I-Pack Dual automated void reduction system takes the proven efficiency of the SEALED AIR® I-Pack system to the next level by introducing the **ability to run two fixed box footprints through a single volume-reducing machine.**

It automatically adjusts the box height by detecting the product's dimensions, creasing and folding the box to the ideal size before securing the lid with glue. This removes the need for excess void fill, reduces material waste, and cuts down on dimensional weight charges.

TWO BOX SIZES, ONE MACHINE

With the ability to handle two different box sizes, this system boosts packaging line flexibility, allowing businesses to **manage diverse order profiles efficiently without increasing operational complexity.**





YOUR BENEFITS



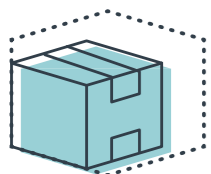
STREAMLINE OPERATIONS

- Processes two fixed box footprints in a single system, increasing flexibility
- Reduces downtime risks through redundancy.
- Automated solution eliminates manual packing while seamlessly integrating into existing packaging lines.



PREVENT PRODUCT DAMAGE

- Patented measuring and creasing module ensures reinforced package strength, minimizing damage during transit.
- Optimized sizing reduces empty space, enhancing protection and reducing the need for void fill.
- Glued lid provides tamper-evident security, with optional cushioning for fragile items.



OPTIMIZE PACKAGING

- Dual-box capability helps select the most efficient box for each order to lower material use & dim-weight costs.
- Reduces warehouse footprint by consolidating inventory into two box sizes, eliminating excess packaging SKUs.

ELEVATING CUSTOMER EXPERIENCE IS OUR TOP PRIORITY



OPTIMISED PACKAGING FOR EASY DELIVERY

A perfectly sized parcel is more likely to fit into a standard mailbox, removing the need for customers to collect their orders in person.



SIMPLIFIED DISPOSAL OF PACKAGING

Smaller boxes, combined with reduced filler materials, make it easier for customers to dispose of packaging, avoiding excessive waste and unnecessary clutter.



ENHANCED PROTECTION FOR YOUR ITEMS

Tailored packaging ensures items are securely held in place, preventing damage caused by unnecessary movement in oversized boxes. This guarantees a seamless and satisfying customer experience.



PERSONALISED PRINTING FOR A MEMORABLE UNBOXING

Optional custom printing, enabled by our on-demand AutoPrint system, delivers an enhanced unboxing experience with a "wow" effect as soon as customers receive their order.



I-PACK BOXING VS. 3D BOXING



INTEGRATION AND PROCESS EFFICIENCY

I-Pack: Easily integrates into conveyor lines with various picking systems, enabling smooth and interruption-free order processing with minimal handling.

3D Boxing System: Operates as a standalone solution but is less suited for existing packaging line integration.



COST AND RETURN ON INVESTMENT (ROI)

I-Pack: Delivers higher ROI by processing more boxes per euro spent. With a cost nearly three times less than a single 3D system, businesses can afford up to three I-Pack systems for the same investment.

3D Boxing System: Its high cost makes it less affordable and less cost-efficient compared to the I-Pack system.



MAINTENANCE AND SERVICES

I-Pack: Features a simple design that makes maintenance and repairs straightforward, reducing reliance on the manufacturer.

3D Boxing System: Its complex design with numerous small parts results in higher maintenance costs and often requires manufacturer support, increasing supplier dependency.



WASTE AND ENVIRONMENTAL IMPACT

I-Pack: Folds boxes to the appropriate size without producing waste, making it an environmentally friendly solution.

3D Boxing System: Customises packaging dimensions by cutting cardboard, optimising shipping weight but generating waste from the cut-offs at distribution centres.



SCALABILITY

I-Pack: Offers modular equipment suitable for businesses of all sizes, including second-hand options for smaller sites with limited budgets.

3D Boxing System: Designed for large enterprises with substantial budgets and extensive warehouse space.



PACKAGING VERSATILITY

I-Pack: Securely packages diverse and irregular orders, including rolling, collapsible, or multi-item profiles, ensuring seamless production along packaging lines.

3D Boxing System: Forms packaging around items starting from flat cartons, making it less suitable for unstable or multi-item orders.

BUILDING BRAND LOYALTY THROUGH SUSTAINABILITY AND CONVENIENCE



REDUCE

Custom-fit boxes minimise material use while protecting products, removing the need for void-fill.



RECYCLE

Fully recyclable corrugated packaging simplifies waste sorting.



REUSE

Options such as the Oyster Box include a resealable adhesive strip, making returns effortless and encouraging reuse.



By considering the specific needs of your operations and the above comparisons, it's clear that the I-Pack System offers greater flexibility and cost-effectiveness, while the 3D Boxing System suits more specialised and resource-intensive requirements.

Addressing the growing demand for sustainable, efficient packaging is essential to building stronger brand loyalty. Opting for fewer materials demonstrates a clear dedication to sustainability. **This not only delivers a seamless unboxing experience—featuring user-friendly packaging, curbside recyclability, and hassle-free returns—but also reduces waste, reinforcing your brand's commitment to eco-friendly practices.**



SINGLE OR DUAL?

COMPARISON GUIDE



I-Pack

1 footprint
with adjustable height



I-Pack Dual

2 footprints
with adjustable height

BOX RANGES	from 180 x 140 x 20 mm to 900 x 600 x 600 mm	from 180 x 140 x 20 mm to 630 x 450 x 400 mm
CORRUGATED CARDBOARD	from E(1.5) to BC(7)	from E(1.5) to BC(7)
BOX HEIGHT	Multiple	Multiple
MULTIPLE LID FEEDERS	2, 3 or 4	2
PACKING SPEED	up to 15 BPM (depending on box size)	up to 8-10 BPM (depending on box size)
NOISE LEVEL	< 78 dB	< 73 dB
MACHINE FOOTPRINT	6342 mm (L) x 3323 mm (W) x 2330 mm (H)	7315 mm (L) x 3760 mm (W) x 2250 mm (H)
CONVEYOR LEVEL	850 mm (H)	850 mm (H)
POWER MAX	11 kW peak	14 kW peak 4,5 kW/h Average
COMPRESSED AIR FLOW	1083 nL/min average 2160 nL/min max	1200 nL/min average No peak thanks to air tank

WHAT MAKES THE DUAL THE PERFECT CHOICE FOR YOU?



Looking to get started with automation and manage multiple box formats?

The I-Pack Dual machine lets you handle two box footprints simultaneously with just one machine. It's a far more cost-effective solution than purchasing two I-Pack standard machines.



Expanding your business but facing warehouse space constraints?

The I-Pack Dual saves space by taking up less room than two standard machines. Plus, there's no need to set up two full conveyor lines, helping you conserve valuable warehouse space.



Experiencing fluctuations in machine workloads?

If some machines in your system sit idle while others are overwhelmed, the I-Pack Dual is your solution. By handling two box sizes, it offers greater flexibility, enabling you to optimise operations and maximise efficiency across your lines.

Choose the I-Pack Dual for cost savings, space efficiency, and unmatched versatility!