



X4[®]

PACKSIZE[®]
ON DEMAND PACKAGING



The X4[®] – the future of packaging optimization

This innovative system addresses an expanding e-commerce distribution channel needing a high degree of automation to meet the growing challenge of rapid packing and shipping. The X4[®] leverages Packsize's market-leading expertise in On Demand Packaging[®] and is manufactured in the United States.

The highly reliable X4[®] is the first On Demand Packaging[®] machine to cut, fold, label, and glue a flat corrugated box in 12 seconds. A small footprint adds to its flexibility, allowing for a box to be erected and inducted onto a conveyor line, placed on a cart, or packaged right next to the machine. The X4[®] can also be deployed in a multiple-machine environment alongside other Packsize systems, and can include two to four X4[®] machines to produce up to ~1,200 boxes an hour.

The X4[®] seamlessly integrates with PackNet.Server[®] production and optimization software. An advantage for high-volume centers, this technology integration assesses and creates the most efficient, right-sized box for each individual order. With the X4[®] packaging managers have the flexibility to orchestrate and manage single-piece, batch, and demanding corrugated packaging workflows.

Integrating sustainability into the e-commerce supply chain, the custom box-making machine accepts multiple infeed tracks to allow for up to four widths of z-Fold[®]. The machine's versatility with this reusable resource achieves a wider variety of box sizes needed to pack each order.

Accepted z-Fold[®] corrugated widths range from 1 ft (300 mm) to 3 ft 3 in (1016 mm) and thicknesses from 0.12 in (3 mm) to 0.16 in (4 mm); B and C flutes. The X4[®] produces 32 ECT and 44 ECT boxes conforming to the 275# Test. The installed printer supports direct thermal or thermal transfer labels from 4 in wide by 4 in or 6 in long (102 mm wide by 102 mm or 152 mm long). The X4[®] also supports several hot melt adhesive brands.

- Achieve reliable On Demand Packaging[®]
- Avoid upfront capital expenditures
- Orchestrate, prioritize, and scale box production
- Improve yield, productivity, throughput, waste reduction, handling, and flexibility

Technical Specifications

	X4-300	X4-600	X4-900
Cycle Time	12 sec	8 sec	4 sec
Carton Output	300 per / hr	600 per / hr	900 per / hr
System Footprint	12.5 m ²	25 m ²	37.5 m ²
Material Waste/Trim	12%	6%	4%
Corrugated Supply	4 tracks	8 tracks	12 tracks
Weight	4,200 lbs (1905 kg)	8,400 lbs (3811 kg)	12,600 lbs (5715 kg)
Min. Box Dimension	6 in x 6 in x 2 in (150 mm x 150 mm x 50 mm) [L x W x H]		
Max. Box Dimension	2 ft 5 in x 1 ft 7 in x 1 ft 2 in (762 mm x 510 mm x 355 mm) [L x W x H]		

Solution Capabilities

Redundancy	+++	+++	+++
Flexibility	+++	+++	+++
Scalability	+++	+++	+++
Automation	++	++	++

Software Capabilities

Order Induction & Pick Optimization	X	X	X
WMS / WCS Integration	X	X	X
Data Analytics & Cloud Reporting	X	X	X
Cubing Integration	X	X	X

Automation Features

z-Fold [®]	X	X	X
Cut	X	X	X
Fold	X	X	X
Label	X	X	X
Glue	X	X	X
Printer	X	X	X

Specifications

Electrical:	Single Phase 200 - 240 VAC, PE, 50/60Hz, 35A
Data:	Ethernet RJ45 Cat 6 shielded cable 10/100/1000 Mbps wired network
Air:	Dry air pressure at 87- 145 psi (6 - 10 bar) and 1/2 in (12.7 mm) flexible air hose required
Temp:	41° F to 107° F (5° C to 42° C)
Tech:	OS: PackNet.Server [®] v3.2 or newer HW: Packsize Server [®] Appliance recommended
Box Style:	FEFCO 201 (RSC)
Models:	X4-300 / -600 / -900 / -1200

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