



X4[®]

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



Four-in-one X4[®] machine meets rapid packing and shipping requirements

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 On Demand Packaging[®] expertise and is manufactured in the United States.

The 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[®] seamlessly integrates with PackNet[®] 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. PackNet[®] also optimizes when multiple X4's are installed, thus producing high hourly volume.

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 5 in (1041.4 mm) and thicknesses from 0.12 in (3 mm) to 0.16 in (4 mm). A variety of RSC, HOL, and FSC box types are supported using 200 strength 32 ECT or 44 ECT in B and C flutes, or 23 ECT B flute. The installed printer supports direct thermal or thermal transfer labels, in sizes: 4 in x 8 in (102 mm x 203 mm); 4 in x 6 in (102 mm x 152 mm); 4 in x 4 in (102 mm x 102 mm); and 4 in x 2 in (102 mm x 51 mm).

The X4[®] also supports several hot melt adhesive brands.

Technical Specifications

Cycle Time	12 sec
Carton Output	300 per / hr
System Footprint	12.5 m ²
Material Waste/Trim	12%
Corrugated Supply	4 tracks
Weight	4,200 lbs (1905 kg)
Height	9 ft 6 in (2895 mm); a height of 10 ft 3 in (3124 mm) is required for the machine sensors to work properly
RSC Min. Box Dim.	6 in x 6 in x 2 in (150 mm x 150 mm x 50 mm) [L x W x H]
RSC Max. Box Dim.	30 in x 20 in x 20 in (762 mm x 508 mm x 508 mm) [L x W x H]
FOL Min. Box Dim.	6" x 6" x 2" (152.4 mm x 152.4 mm x 50.8 mm) [L x W x H]
FOL Max. Box Dim.	30" x 15" x 9" (762 mm x 381 mm x 228.6 mm) [L x W x H]
HSC Min. Box Dim.	7" x 7" x 2" (177.8 mm x 177.8 mm x 50.8 mm) [L x W x H]
HSC Max. Box Dim.	30" x 20" x 20" (762 mm x 508 mm x 508 mm) [L x W x H]
Electrical	Single Phase 220 VAC, PE, 50/60Hz, 30A
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 inner diameter (12.7 mm) flexible air hose required with 1/4 in (6.35 mm) NPT female quick connect coupler
Environment	41° F to 107° F (5° C to 42° C)
Tech	OS: PackNet [®] v4.0 or newer HW: Packsize [®] Appliance recommended

Software Capabilities

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

Automation Features

z-Fold [®]	X
Cut	X
Fold	X
Label (1 or 2 per box)	X
Glue	X

© 2019 Packsize LLC. All rights reserved. Packsize, On Demand Packaging, X4, z-Fold, and PackNet are registered trademarks and/or trademarks of Packsize International LLC in the United States and other countries. All other marks are the property of their respective owners and may be registered in various jurisdictions.