



A Complete Solution for the Corrugated Industry

FEEDING

PRINTING

CONVERTING

SUPPORT



What is SUN625®?

The SUN625 RDC is not a typical rotary die cutter. It is a fixed-frame, vertically opening, flexo printing machine capable of feeding, printing, and converting. It is designed to produce high quality containers in a 24/7 production environment.

Why It Matters

Increased Productivity

SUN625 delivers more production volume with superior container quality than two traditional opening 66 x 115 RDC machines.

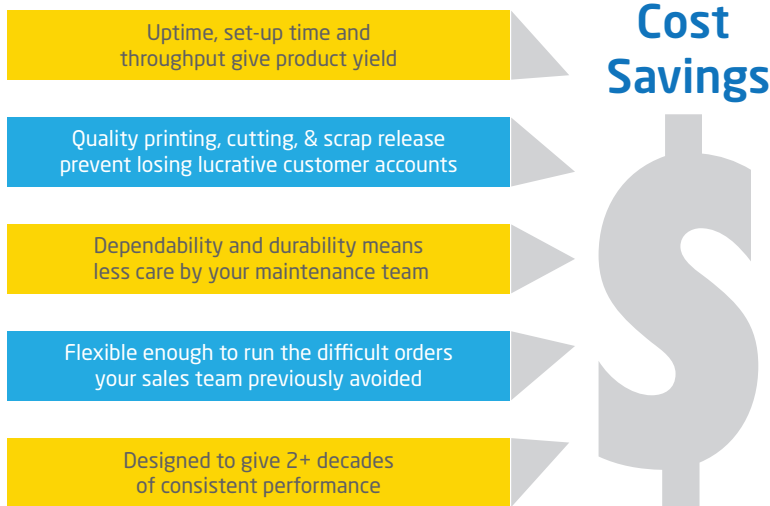
Flexibility

Designed to run everything from lightweight single flutes with high recycled fiber to rigid multi-flute mediums, small sheets to large sheets, simple print orders to complex print orders, and single piece to multi-out patterns.

Higher Container Quality

New advancements in feeding, sheet transfer, registration control, printing, and die cutting accuracy ensure container quality is truly outstanding.

Cost Advantages



Cost of Ownership

Designed and built to withstand the demands of a three shift 24/7 high production plant while keeping maintenance costs low.

People Savings Cost

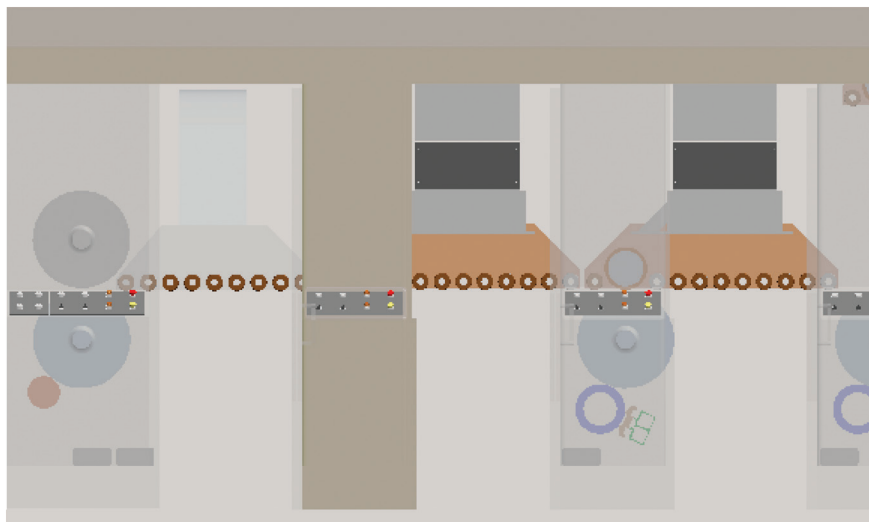
Able to run the production of two machines. One machine means only one production line needed.

Integral Dwell Sections

Two dwell units are standard. One is located between the feed section and the first print section. Another is between the last print section and the die cut section. Together they ensure outstanding print quality on even the most challenging jobs.



Fixed-frame, Low Board Line



Maximum Press Speed

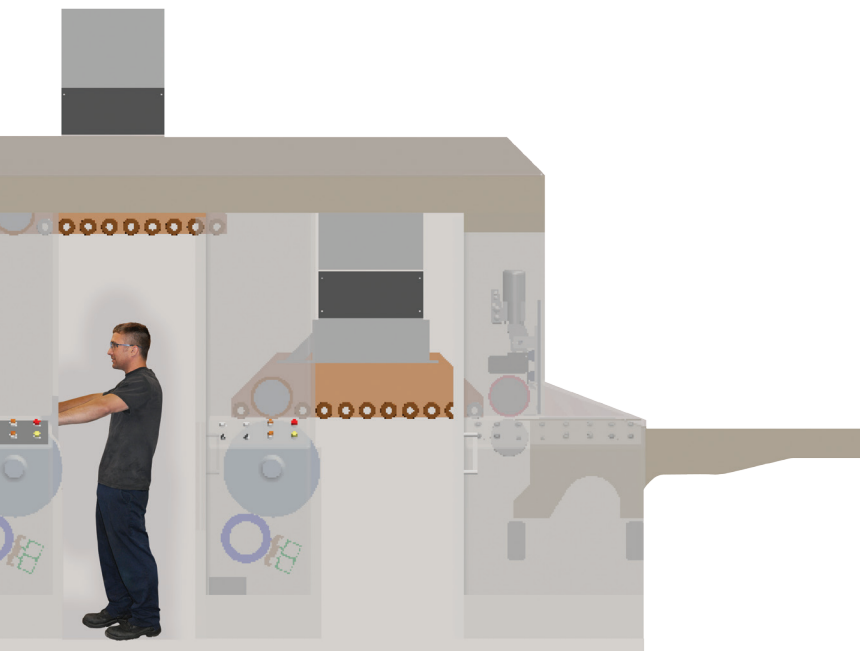
200 sheets/minute
(12,000 sph)

Minimum Sheet

15.5" x 21.75"
(394mm x 552mm)

Maximum Sheet

60.5" x 125"
(1537mm x 3175mm)



Maximum Board Caliper	.563" (14.3mm)
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Maximum Print	125" (3175mm)
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Maximum Die Cut	125" (3175mm)
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What's Inside?

Extend-O-Feed®

Better registration, reduced feed roll crush, and the ability to handle heavier pile heights.



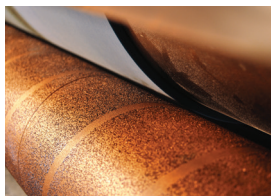
SunTrac® Vacuum Transfer

SunTrac Vacuum Transfer provides complete sheet control and delivers exceptional print-to-print registration.



MicroGrind®

MicroGrind die cut accuracy system enables converting the most challenging die cut orders in record time.



Digital Harmonic Register

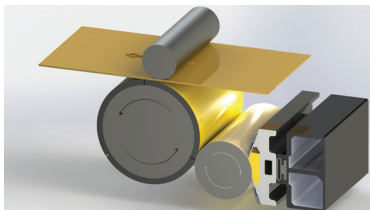
Intuitive touch screen controls are easy to use and allow fast, precise adjustments. Backlash is avoided by controlling rotational and lateral positioning accurately.



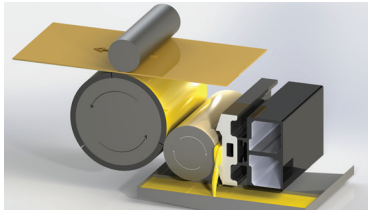
Select Your Ink System

SUN625 can be customized with two different ink metering devices: the ColorMaster® single blade system or AccuPrint® a chambered doctor blade system.

AccuPrint



ColorMaster



Innovative Architecture

Facility Compatible

As a low board line, fixed-frame machine, SUN625 easily adapts to existing facilities, and often to existing auxiliary equipment, while occupying relatively the same footprint as conventional-opening machines.



Fixed-Frame, Vertically Opening

Allows for the operator to step inside the machine for quick order changes without any of the traditional obstructions.

Print Quality

Unique machine architecture improves sheet control and ink-metering, allowing precise die positioning and built-in drying time.

Quick and Easy Plate Change

Within 40 seconds of the last board of one order, the vacuum transfer units are up and the print plates are easily changed for the next job. Walk-in architecture provides unobstructed access for machine operators.





About SUN Automation Group®

SUN Automation, headquartered near Baltimore, Maryland, is the world's leading manufacturer of corrugated box equipment. The company's innovative feeding, printing, and converting technologies enable comprehensive solutions for corrugated box plants to increase production, efficiency, and profitability. SUN Automation places a strong emphasis on customer support and provides 24-hour on-site technical support globally. Founded in 1985, SUN Automation is 100% employee owned.

Put innovation on your production floor.

Find out more about SUN625 today:

- ▶ US and Canada: 410-472-2900
- ▶ Europe, Middle East, Russia: 44-117-9401777
- ▶ China: 86-20-2860-6593
- ▶ Southeast Asia: 65-9186-6408

For other locations and more information:

SunAutomation.com

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