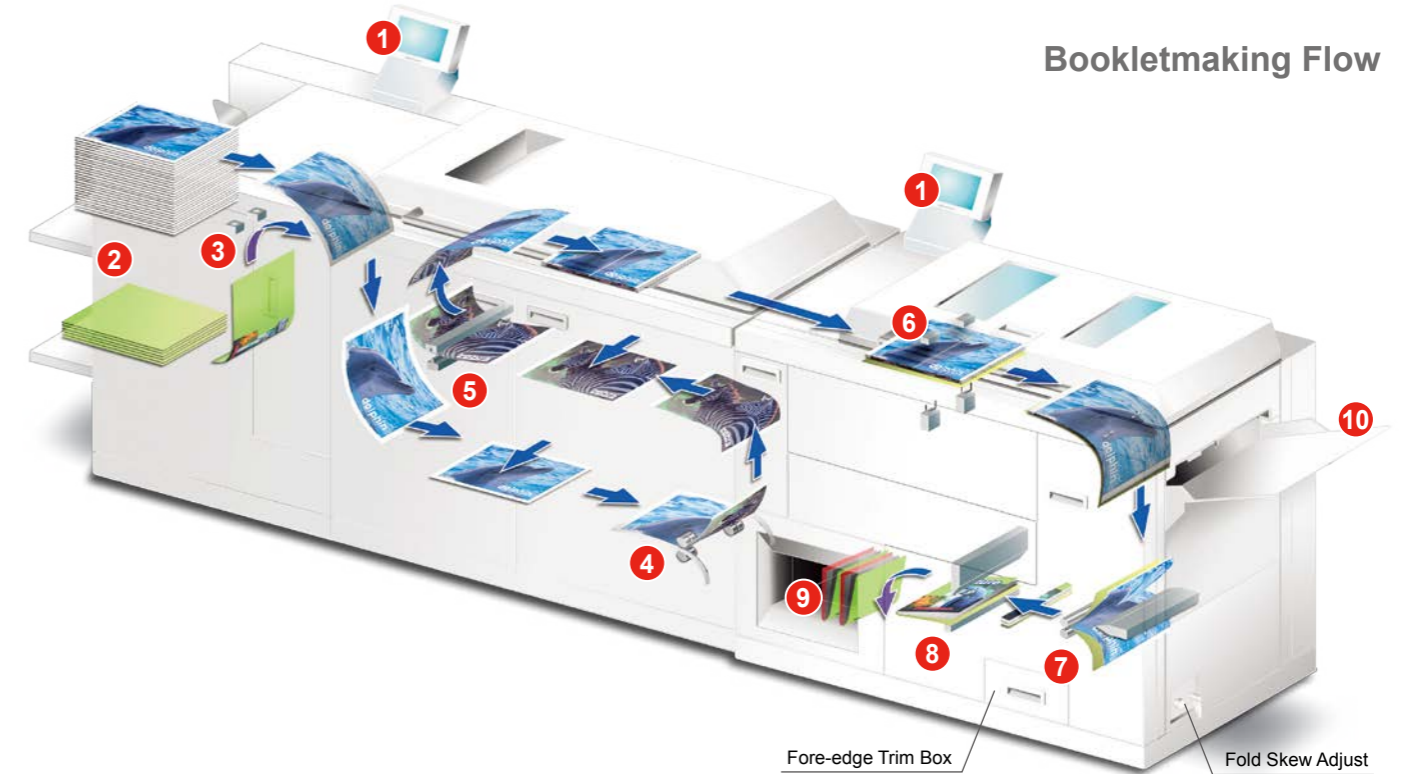# Horizon

SF-100+CW-8000NL

The CW-8000NL is an all-in-one near line bookletmaker that combines, bleed trimming, channel scoring, stitching, folding, face trimming and stacking. Professionally finished documents are produced without any need for further post processing. Bleed trims are clean and accurate. Booklets have precise stitch placement, tight folds, and razor-sharp face trims. The channel scoring averts image cracking. Booklets are stacked within the system for unloading. A mark sensor is equipped as standard to support variable data applications with full integrity. The CW-8000NL is convenient, efficient and affordable.

Bookletmaking Flow

Fore-edge Trim Box   Fold Skew Adjust

Document Appearance

- Professional, high-impact finished documents with full-bleed trim, score, and face trim.
- Precise stitch placement, flat tight folds, and razor-sharp face trims.
- Image integrity is maintained by scoring documents to avoid image cracking.

Versatility & Flexibility

- Customer replaceable 5,000 staple cartridge.
- Custom paper sizes to be entered easily.
- The stacker can be unloaded while running for non-stop productivity.

Ease of Use

- Fast, easy set-up via the intuitive, icon-based touchscreen controls.
- Save up to 20 job profiles so set-up parameters can be easily recalled with a few touches of a button.
- Enables efficient jam/fault recovery via error codes, icons and diagrams.

Variable Job

- SF-100 sheet feeder is equipped with a mark sensor to detect first sheet and last sheet. Variable sheet count job can be produced without any manual operation.

Application Type

- CW-8000NL can handle all of these applications.

Booklet Making Produce booklets up to 80 pages (20 sheets with each sheet scored for flatter folding, full bleed trimming on all sides.).

Bleed Trim   Stitch   Booklet

Corner Stitching Produce corner/top stitched documents up to 50 pages (25 sheets). Corner/Top stitch + half-fold is also available.

Corner Stitch   Top/Side Stitch

Folding Produce single sheet folded brochures with full-bleed three-side trimming.

Single Sheet   or   Folded Sheets   or   Booklet

Multi-line Scoring Apply multiple scores on flat sheets for perfect bind covers and off-line folding of multi-panel brochures or mailers.

for Perfect Bind Cover   Multi-panel Brochure

1 Touchscreen

Intuitive, icon-based touchscreen control for simple set-ups and changeover. "Service Mode" facilitates troubleshooting and diagnostics.

2 Dual Feed Tray

Upper tray is use for feeding contents sheets. And bottom tray is used for cover sheet feeding. Reliable suction feed system can feed wide variety of sheets including coated or heavier stock.

Tray Pile Height Upper 200 mm (7.8")
Lower 60 mm (2.3")

3 Ultra-sonic Sensor / Mark Sensor

SF-100 sheet feeder is equipped with ultra-sonic sensor for misfeed and double feed detection. A mark sensor detects first sheet and last sheet so that variable sheet count job can be fed and send to CW-8000NL bookletmaker.

4 Bleed Trimming

Rotary trimmers remove excess paper from head and foot of sheet for edge-to-edge color. Trimmings are automatically removed to a waste bin behind the finisher.

Trim width 2.5 to 15 mm (0.1" to 0.6")

5 Channel Scoring

Channel scored sheets fold without cracking image and create flatter folded booklets. Multiple scores are available on CW-8000NL for perfect bind cover or tri-fold leaflet.

Number of scores Max. 4 lines

6 Stitching

Professional quality stitching with customer replaceable staple cartridge (5,000 staples) and adjustable stitch distance.

Stitch Capacity (90 gsm coated)
Booklets : 20 sheets
Corner/top stitch : 25 sheets

7 Folding

Tight, accurate half-folding is provided with operator accessible skew adjustment.

Fold Capacity 20 sheets (90 gsm coated)

8 Face Trimming

Heavy-duty trim knife cuts fore-edge of booklet to produce professional quality booklets.

Trimming Width 3 to 19 mm (0.12" to 0.74")

9 Booklet Stacker

The CW-8000NL is equipped with an internal, space-saving booklet stacker. Booklets can be unloaded while running for non-stop production.
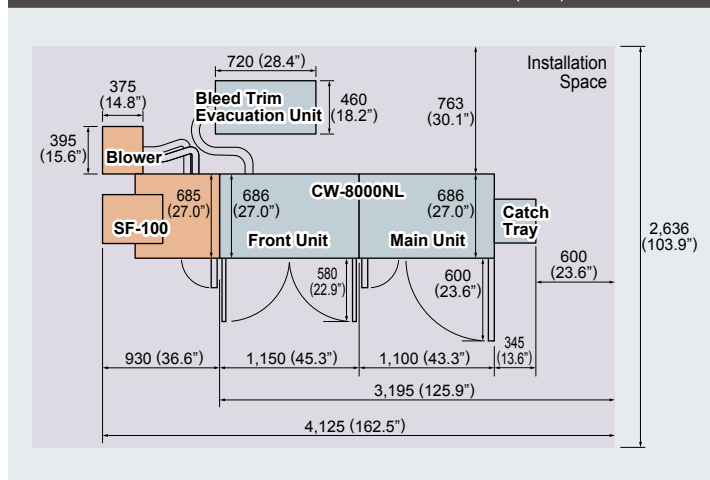
Stack Capacity 100 books

10 Catch Tray

The catch tray receives staple-only or flat-sheet documents.

SF-100 Major Specifications

Cover Size		Max. 320(W) x 488(L) mm (12.6" x 19.2") Min. 182(W) x 210(L) mm (7.2" x 8.3")
Sheet Size		Max. 320(W) x 488(L) mm (12.6" x 19.2") Min. 182(W) x 210(L) mm (7.2" x 8.3")
Cover Weight Range	Normal Paper	80 to 200 gsm
	Coated Paper	
Sheet Weight Range	Normal Paper	80 to 200 gsm
	Coated Paper	
Cover Maximum Stack Height		60 mm (2.4") (Ex. 600 sheets 81.4 gsm)
Sheet Maximum Stack Height		200 mm (7.8") (Ex. 2,000 sheets 81.4 gsm)
Voltage / Frequency		Single Phase 200 V, 50 / 60 Hz Single Phase 208 V, 60 Hz Single Phase 230 V, 50 / 60 Hz
Machine Dimensions	Body	930(W) x 690(D) x 1,215(H) mm (36.6" x 27.2" x 47.8")
	Blower	375(W) x 395(D) x 400(H) mm (14.8" x 15.6" x 15.8")

Machine Dimensions Unit : mm (inch)

CW-8000NL Major Specifications

User Interface		Icon-based touch screen. LCD panel indicates binder status, contents of jobs, and facilitates troubleshooting and diagnostics.
Sheet Size		cross feed direction x feed direction
	Bookletmaking	Max. 320 x 458 mm (12.6" x 18.0") Min. 182 x 257 mm (7.2" x 10.1")
	Side/Top Stitching	Max. 320 x 360 mm (12.6" x 14.1") Min. 182 x 210 mm (7.2" x 8.3")
	Side/Top Stitching + Fold	Max. 320 x 360 mm (12.6" x 14.1") Min. 182 x 257 mm (7.2" x 10.1")
	Corner Stitching	Max. 220 x 360 mm (8.6" x 14.1") Min. 182 x 257 mm (7.2" x 10.1")
	Folding	Max. 320 x 458 mm (12.6" x 18.0") Min. 182 x 257 mm (7.2" x 10.1")
	Pass Through	Max. 320 x 488 mm (12.6" x 19.2") Min. 182 x 257 mm (7.2" x 10.1")
	Scoring	Max. 320 x 488 mm (12.6" x 19.2") Min. 182 x 257 mm (7.2" x 10.1")
	Bleed Trimming	Max. 320 x 488 mm (12.6" x 19.2") Min. 187 x 257 mm (7.3" x 10.1")
Sheet Weight Range		64 to 250 gsm
Stitch and Fold Thickness	Coated	20 sheets, 90 gsm (self cover)
	Uncoated	20 sheets, 70 gsm (self cover)
Stitch Thickness	Coated	25 sheets, 90 gsm
	Uncoated	25 sheets, 70 gsm
Stitch Distance		92 mm to 150 mm (3.62" to 5.98") When the sheet width after bleed trim is 291 mm (11.46") or larger, the stitch distance range is: 122mm ± (320mm - sheet width). [4.8" ± (12.6" - sheet width)]
Stitch Cartridge		5,000 stitches, customer replaceable
Head and Foot Bleed Trim		2.5 to 15 mm (0.1" to 0.6")
Face Trim		3 to 19 mm (0.12" to 0.74")
Face Trim Thickness	Coated	90 gsm (self-cover), 20 sheets Booklet
	Uncoated	70 gsm (self-cover), 20 sheets Booklet
Scoring	Number of Line	Max. 4 lines
	Line distance	Min. 2 mm (0.08")
Production Speed	Without Scoring	Single sheet fold 1,100 sheets / hr. 2 sheet booklet 770 books / hr. 10 sheet booklet 210 books / hr.
	With Scoring	Single sheet fold 850 sheets / hr. 2 sheet booklet 480 books / hr. 10 sheet booklet 110 books / hr.
Physical Dimensions	Front Unit	1,150(W) x 686(D) x 1,100(H) mm (45.3" x 27.0" x 43.3")
	Main Unit	1,100(W) x 686(D) x 1,200(H) mm (43.3" x 27.0" x 47.3")
	Evacuation Unit	720(W) x 460(D) x 969(H) mm (28.4" x 18.2" x 37.8")
Voltage / Frequency		Single Phase 200 to 240 V AC, 50 / 60 Hz

*The machine design and specifications are subject to change without any notice.

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