

Horizon

STITCHING

ice STITCHER SPF-2000

NEXT GENERATION FULLY AUTOMATED BOOKLET MAKING SYSTEM

Enhanced automation, quality and user friendliness for high productivity of up to 4,700 cycles per hour.



BENEFITS

EASY OPERATION

SPF-2000 is equipped with a new 15 inch control panel ("Horizon XUI") that enables easy setup, even for non-skilled operators. Newly designed covers allow for easy access to achieve fast maintenance and minimize downtime. More sections are automated than ever before to increase productivity and efficiency.

HIGH QUALITY

Booklet quality has been enhanced with features like separating air and jogging functions at the stitching section, a press roller at the folding section, and a jogging function at the fore-edge trimming section. Quality and consistency is increased even further with optional quality control functions for stitch and thickness detection.

PRODUCTIVITY

SPF-2000 achieves a max production rate of *4,700 cycles per hour while excelling at high-mix, low volume production with faster changeover speeds (up to 50%) and more automation, changeovers can be carried out without any manual part adjustments.

*A5 finished size with stitching.

SPACE SAVING

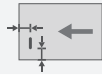
SPF-2000 features a compact footprint and has the ability to produce a wide range of applications like A4 landscape format booklets.

FLEXIBLE CONFIGURATION

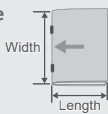
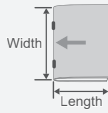
System can be configured for both digital and offset workflows and can be connected to iCE LiNK, our cloud based postpress management system.

SPECIFICATIONS.

SPF-2000	
Functions	Booklet, Side Stitch and Fold, Fold Only (Option: Side Stitch, Rear/Front Corner Stitch, Rear/Front Corner Stitch and Fold)
Sheet Size (Width x Length)	Booklet / Fold Only -In case of Two Stitches Max. 356 x 610 mm or 14.000" x 24.000" Min. 120 x 180 mm or 4.725" x 7.090" *If the length is greater than 250 mm (9.85"), the width should be more than 130 mm (5.12"). *118 mm (4.65") width can be processed using the optional guides and some customized parts" -In case of Center Stitch or Three Stitches Max. 297 x 610 mm or 11.690" x 24.000" Min. 191 x 180 mm or 7.520" x 7.090" Option: Side Stitch Max. 356 x 432 mm or 14.000" x 17.000" Min. 160 x 138 mm or 6.300" x 5.433" Side Stitch and Fold Max. 356 x 432 mm or 14.000" x 17.000" Min. 160 x 180 mm or 6.300" x 7.090" Option: Corner Stitch Max. 333 x 432 mm or 13.110" x 17.000" Min. 185 x 138 mm or 7.285" x 7.090" Option: Corner Stitch and Fold Max. 333 x 432 mm or 13.110" x 17.000" Min. 185 x 180 mm or 7.285" x 7.090"
Sheet Weight Range	Normal Paper: 64 to 157 gsm Art Coated Paper: 84.9 to 157 gsm
Booklet Size (Width x Length)	Booklet / Fold Only -In case of Two Stitches Max. 356 x 305 mm or 14.000" x 12.000" Min. 120 x 90 mm or 4.725" x 3.545" *If the length is greater than 125 mm (4.73"), the width should be more than 130 mm (5.12"). *118 mm (4.65") width can be processed using the optional guides and some customized parts" -In case of Center Stitch or Three Stitches Max. 297 x 305 mm or 11.690" x 12.000" Min. 191 x 90 mm or 7.520" x 3.545" Option: Side Stitch Max. 356 x 432 mm or 14.000" x 17.000" Min. 160 x 138 mm or 6.300" x 5.435" Side Stitch and Fold Max. 356 x 216 mm or 14.000" x 8.500" Min. 160 x 90 mm or 6.300" x 3.545" Option: Corner Stitch Max. 333 x 432 mm or 13.110" x 17.000" Min. 185 x 138 mm or 7.285" x 5.435" Option: Corner Stitch and Fold Max. 333 x 216 mm or 13.110" x 8.500" Min. 185 x 90 mm or 7.285" or 3.545"
Stitch Thickness	Max.4 mm or 0.155"
Fold Thickness	Max.2 mm or 0.078"
Stitch Distance	62 to 290 mm or 2.440" to 11.415" Adjustable Distance from side edge of sheet to edge of stitch - When the booklet length is 90 to 124.9 mm or 3.55" to 4.91"; 21 mm or 0.83" - When the booklet length is 125 mm (4.92") or longer: 27 mm or 1.07" - CD Size : 15 mm or 0.60" (optional)

Corner Stitching Position	 - Distance from side edge of sheet to edge of stitch 3 to 15 mm or 0.120" to 0.590" - Distance from leading edge of sheet to stitch 6 mm or 0.236"
Side Stitching Position	Distance from leading edge of sheet to stitch 6 mm or 0.236"
Stitch Head	Standard Equipment : Two stitcher heads
Stitching Wire Stapling Wire for Stapling Function	Standard : 0.5mm (No.26) Option : 0.45 mm (No.27) Wire from of 0.4 to 0.5 mm in diameter can be installed on the standard stitcher heads. Wire from of 0.55 to 0.6 mm in diameter can be installed on the optional Bender Kit for Thick Wire.
Production Speed	Max. 4,700 booklets per hour (A5 Portrait Booklet) Max. 4,200 booklets per hour (A4 Portrait Booklet) Max. 3,700 booklets per hour (A4 Landscape Booklet)
Voltage/Frequency	Single Phase 200 V to 230 V, 50/60 Hz Single Phase 200 V to 230 V, 50/60 Hz
Machine Dimensions	SPF: W1,656 x D770 x H1,262 mm or W65.20" x D30.32" x H49.69" IFU + SPF + FC + SC : W3,451 x D770 x H1,262 mm or W135.87" x D30.32" x H49.69"

HP-2000		
Sheet/Booklet Size	Punch / Press	Width x Length Max. 356 x 254 mm or 14.000" x 10.000" (When inserting a paper, 356[W] x 235[L] mm or 14.000" x 9.250") Min. 118 x 90 mm or 4.645" x 3.545"
	Through	Width x Length Max. 356 x 610 mm / 14.000" x 24.000" Min. 118 x 90 mm / 4.645" x 3.545"
Sheet Weight Range	Common with the SPF-2000	
Punch Thickness	Max. 3.2 mm or 0.125" 4 mm or 0.157" for Press and Through)	
Number of Holes	2 holes, 4 holes, Corner Punch	
Punch Hole Pitch	80 mm or 3.15"	
Punch Hole Position	Dimension from the edge of the booklet to center of the hole can be adjusted from 9 to 14 mm or 0.355 to 0.550"	
Punch Hole Diameter	Φ6 mm or Φ0.24"	
Production Speed	2 Holes / 4 Holes	Max. 4,300 booklets per hour
	Corner Punch	A4 booklet Max. 3,700 booklets per hour A5 booklet Max. 3,500 booklets per hour
Voltage/Frequency	208-220V, 50/60Hz, 1.2A 230-240V, 50/60Hz, 1.2A	
Machine Dimensions	W430() x D770 x H930 mm or W17" x D30.4" x H36.85"	

FC-2000	
Untrimmed Booklet Size	 Width x Length Max. 356 x 305 mm or 14.000" x 12.000" Min. 118 x 90 mm or 4.650" x 3.545"
Finished Booklet Size	 Width x Length Max. W 356 x L 303 mm or 14.000" x 11.925" Min. W 118 x L 85 mm or 4.650" x 3.350"
Trim Width	Max. 20 mm or 0.785" Min. 2 mm or 0.080"
Trim Thickness	Max. 4 mm or 0.155"
Production Speed	Same as SPF-2000
Voltage/Frequency	Single Phase 200 V to 240 V, 50/60 Hz, 1.8A
Machine Dimensions	W 676 x D 770 x L 930 mm or 26.62" x 30.32" x 36.62"

Horizon

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