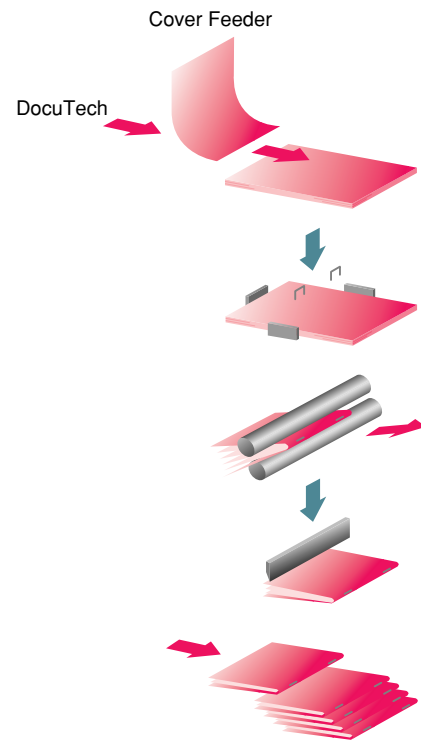


SPF-20XII Bookletmaking Process

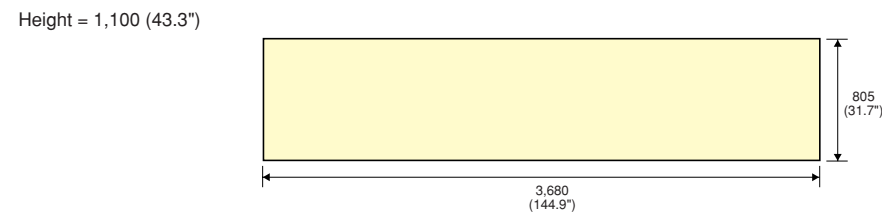


- Simplex or duplexed sheets, jogged at the jogging section, and the cover sheet is merged in this section.
- The jogged sheets are center-stitched.
- The stitched set is folded in line by the fold knife and rollers.
- The folded set is transported to the trimming section for fore-edge trimming.
- The finished booklet is stacked on the delivery conveyor.

Major Specifications

Bookletmaker		Production Speed	Depends on printer production speed [Reference] 1,180 booklets/hr. (2 sheets of A3/11"x17") 2,200 booklets/hr. (2 sheets of A4/8.5"x11")
Sheet Size (Width x Length)	Bookletmaking Max. : 310 x 432 mm (12.2" x 17.0") Min. : 203 x 254 mm (7.9" x 10.0") Side Stitching Max. : 297 x 420 mm (11.6" x 16.5") Min. : 203 x 254 mm (7.9" x 10.0") Corner Stitching Max. : 297 x 364 mm (11.6" x 14.4") Min. : 203 x 254 mm (7.9" x 10.0")	Delivery Conveyor Capacity	42 booklets (A4/8.5"x11" size booklets (20 sheets))
Sheet Weight Range	63 to 200 g/m ²	Stacker	
Stitch Thickness	Booklet/Side Stitch & Fold Up to 20 sheets of 63 g/m ² Up to 16 sheets of 80 g/m ² Side Stitching/Corner Stitching Up to 40 sheets of 63 g/m ² Up to 32 sheets of 80 g/m ²	Sheet Size (Width x Length)	Max. : 310 x 432 mm (12.2" x 17.0") Min. : 203 x 254 mm (7.9" x 10.0")
Cover Sheet Size (Width x Length)	Max. : 310 x 432 mm (12.2" x 17.0") Min. : 203 x 254 mm (7.9" x 10.0")	Sheet Weight Range	63 to 200 g/m ²
Cover Weight Range	63 to 200 g/m ²	Stack Capacity	480 mm (18.8")
Cover Pile Height	Max. : 80 mm (3.9")	Off-set Amount	20 mm (0.78")
Finish Booklet Size (Width x Length)	Max. : 310 x 214 mm (12.2" x 8.4") Min. : 203 x 107 mm (7.9" x 4.2")	Total System	
Trimmings Width	2 to 20 mm (0.08" to 0.78")	Power Requirement/Frequency	Single Phase 200V 50/60Hz Single Phase 230V 50Hz
		Power Consumption	1.3kW
		Weight	1,000kg (2200LB)

Installation Space



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

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SPF-20XII



STATE-OF-THE-ART TECHNOLOGY
FOR
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B i n d t r o n i c s

Horizon SPF-20XII ; Bookletmaking On Demand

Introducing an On Demand Bookletmaking system designed especially for integration with high speed Laser Printers. A perfect finishing solution from Horizon.

Integrated with a high speed laser printer, the Horizon SPF-20XII BookletMaker will dynamically process your digitally-printed publications, proposals, manuals and other documents into neatly finished books of the highest quality and added value. The Horizon SPF-20XII provides unsurpassed automation and dynamic operation, both critical in the world of on-demand document production and publishing.

In the print on demand and print for one environments, the Horizon SPF-20XII is the true on-line bookletmaker for Publishing On Demand.

In-Line to High Speed Laser Printers:

The SPF-20XII bookletmaker can be integrated with a high speed laser printer to create a highly efficient and cost effective printing and finishing system. Conventional off-line workflows can be automated with this SPF-20XII on-line bookletmaker.

User Friendly Operation;

All operating and changeover settings are performed through a touch-screen control panel. A simple command signal to the printer begins the complete book production process.

Professional-Quality Booklets;

Printed sheets are delivered and then neatly jogged and stitched at the jogging section. The center-stitched set is then folded with the combination of folding and pressing rollers.

As the last step, the SPF-20XII fore-edge trimmer applies the finishing touch to produce a professional-quality booklet.

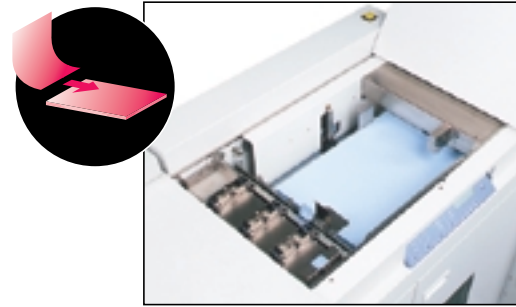
A Wide Variety of Cover Stocks;

The air suction cover feeder can handle a wide variety of cover stocks, including coated and heavy stocks, to provide the perfect value-added finish to your booklets.

Integrated Sheet Stacker ;

A high capacity sheet stacker is integrated within the cover feeding section. When you require loose printed sheets, these can be delivered into the High Capacity Stacker. The stacks are neatly offset for easier downstream handling.

Suction Fed Cover Feeder



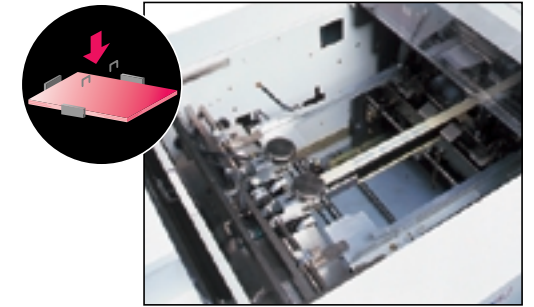
- Horizon's patented rotary vacuum cover feeder can feed heavy or coated stocks with consistent, mark-free operation.
- The cover feeder can also be used as an off-line sheet feeder for booklet production. This enables you to use the SPF-20XII as an off-line bookletmaker to serve multiple laser printers.

High Capacity Stacker

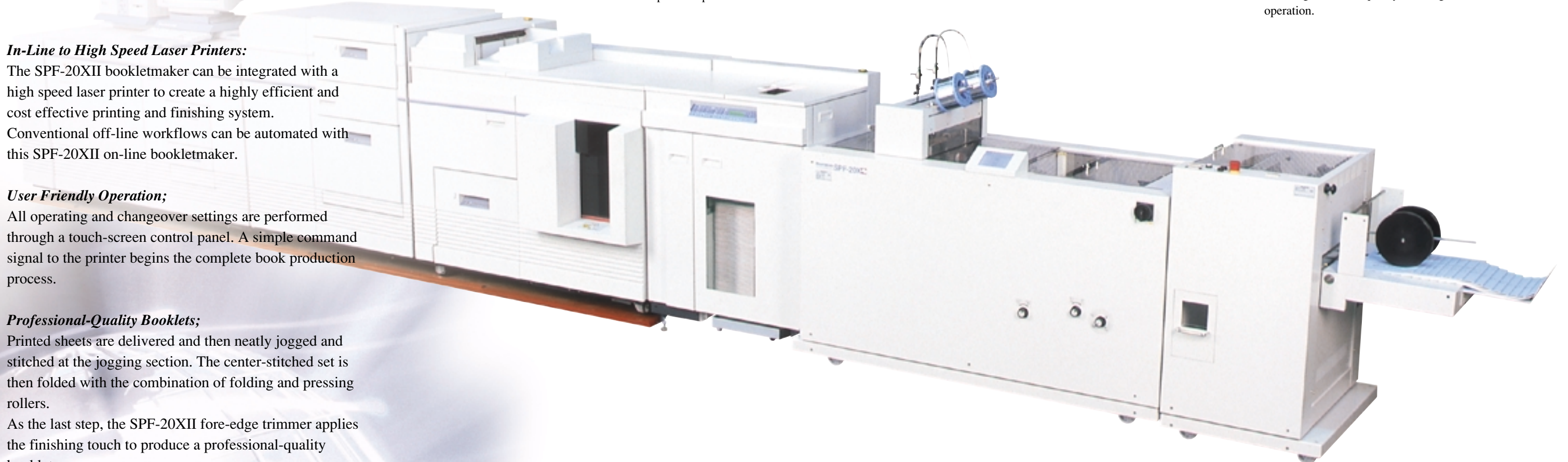


- The High Capacity Stacker holds 48 cm (18.8") of stacked sheets. (5,000 sheets of 64 gsm)
- Printed sheets are neatly off-set stacked, with a clear separation of 20 mm (0.78") between each set.

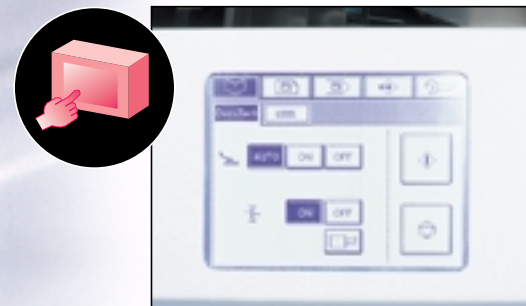
Neat Jogging and Quality Stitching



- Printed sheets are jogged into a tight set using a three-sided jogging system. This insures accurate sheet alignment within the set.
- The SPF-20XII is equipped with heavy-duty Hohner Stitching Heads for quality stitching and reliable operation.

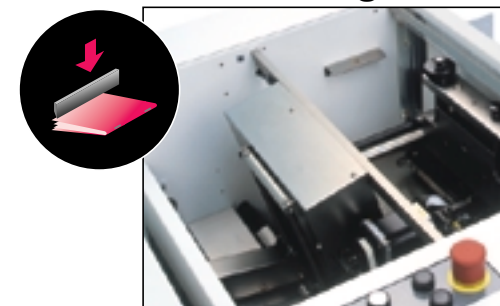


Touch-screen Control Panel



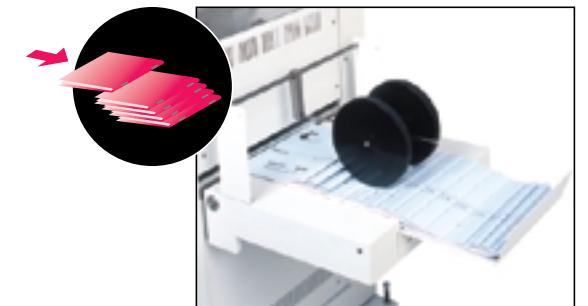
- By simply pressing the icon on the LCD panel, you can select the required job pattern and sheet size. No tools are required for operation or changeovers.
- Three (3) customary sheet formats are preprogrammed into memory, but an additional twelve (12) custom sheet sizes can be memorized. Custom-size bookletmaking can be performed with ease.

Precise Fore-edge Trimming



- The trimming section can be set automatically according to the booklet size. Also, fine-tune adjustments can be performed easily.
- Heavy-duty springs provide constant pressure to the upper knife for perfect trimming performance.
- Simple and easy knife replacement guarantees minimum machine downtime.

Delivery Conveyor



- The motor-driven conveyor provides for neat delivery of finished booklets.
- The delivery conveyor can hold 42 books (20 sheets of 80 gsm).