

**Horizon**

# HOF-20

**Connectable Units** SPF-20/FC-20 (Bookletmaker)  
SPF-200A/FC-200A (Bookletmaker)  
StitchLiner5500 (Saddle-stitching System)

## High Speed Feeding and Flexibility for Digital Print Environments.



- Feeding speed - 27,000 sheets/hour
- Pile height - 430 mm (16.9") on sheet feed tray  
130 mm (5.1") on cover feed tray
- Supports variable data applications with integrity.
- Built-in deep pile cover feed station designed especially for digital print applications.

The HOF-20 feeds pre-collated digital output at up to 27,000 sheets per hour. The HOF-20 also features a flexible built-in deep pile cover feed station for digital print application flexibility.

**HIGH SPEED**

The system feeds at a speed of 27,000 sheets/hr., using Horizon's patented rotary suction feeding system. Feeding speed is unaffected by sheet size.

**HIGH PILE**

Maximum pile height is 430 mm (16.9") on the sheet feed tray and 130 mm (5.1") on the cover feed tray. For maximum efficiency, 2 sets of trays for sheet feeding are provided as standard equipment, so one set is always available for pre-loading.

**STABLE FEEDING**

Horizon's unique stream feeding system insures that sheets are fed consistently and reliably. Sets are then accumulated and transported to the SPF-20, SPF-200A or StitchLiner5500.

**FLEXIBILITY**

The cover feed tray also serves as a sheet feeder to perform side stitching and corner stitching of A4 / 8.5" x 11" landscape orientation.

**DYNAMIC**

The HOF-20 has the capability to handle variable data applications. A mark sensor enables the HOF-20 to handle variable sheet count documents with integrity and verification.

**HIGH SECURITY**

**Opacity sensor:** Miss-feed, double-feed or jam detection

**Mark sensor:** Page order detection (top and last sheet)

**OPTION**

**CCD camera:** Image detection for the top sheet at the accumulating area.



◀ **PRE-LOADING TOOL & TRAY**  
(Standard Equipment for HOF-20)



◀◀◀ **COVER FEED STATION**  
Maximum pile height is 130 mm (5.1").



**SHEET FEED STATION ▶▶▶**  
Maximum pile height is 430 mm (16.9"). Rotary suction feeding system ensures high-speed sheet feeding.

HOF-20 Major Specifications			
Max. Sheet Size	Max. 350(W) x 500(L) mm (13.77" x 19.68") Both cover sheet and book block.		
Min. Sheet Size	Sheet Feed Station	Min. 200(W) x 275(L) mm (7.88" x 10.83")	
	Cover Feed Station	Min. 200(W) x 275(L) mm (7.88" x 10.83")	
Sheet Weight Range	Sheet Feed Station	Normal Paper 52 to 130 gsm, Coated Paper 73 to 160 gsm	
	Cover Feed Station	Normal Paper 64 to 256 gsm, Coated Paper 79 to 256 gsm	
Feed Speed	Sheet Feed Station	Max. 27,000 sheets/hr. (Three Steps Adjustable)	
	Cover Feed Station	Max. 8,000 sheets/hr. (A4 / 8.5" x 11")	
Sheet Pile Height on Feed Tray	Sheet Feed Station	Max. 430 mm (16.9")	
	Cover Feed Station	Max. 130 mm (5.1")	
Connectable Units	StitchLiner5500, SPF-200A, SPF-20		
Voltage / Frequency	Single Phase 200 / 208 / 220 / 230 / 240 V, 50 / 60 Hz		
Rated Current	Single Phase 200 V	50 / 60 Hz	11.9 / 11.6 A
	Single Phase 208 V	50 / 60 Hz	12.3 / 11.8 A
	Single Phase 220 V	50 / 60 Hz	12.9 / 12.4 A
	Single Phase 230 V	50 / 60 Hz	7.5 / 7.2 A
	Single Phase 240 V	50 / 60 Hz	13.9 / 13.0 A
Power Consumption	Single Phase 200 V	50 / 60 Hz	1.7 / 1.8 kW
	Single Phase 208 V	50 / 60 Hz	1.8 kW
	Single Phase 220 V	50 / 60 Hz	2.0 / 2.1 kW
	Single Phase 230 V	50 / 60 Hz	1.4 kW
Single Phase 240 V	50 / 60 Hz	2.4 kW	
Machine Dimensions	1,750(W) x 630(D) x 950(H) mm (68.9" x 24.9" x 37.5")		
Machine Weight	210 kg (463 lbs.)		

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

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