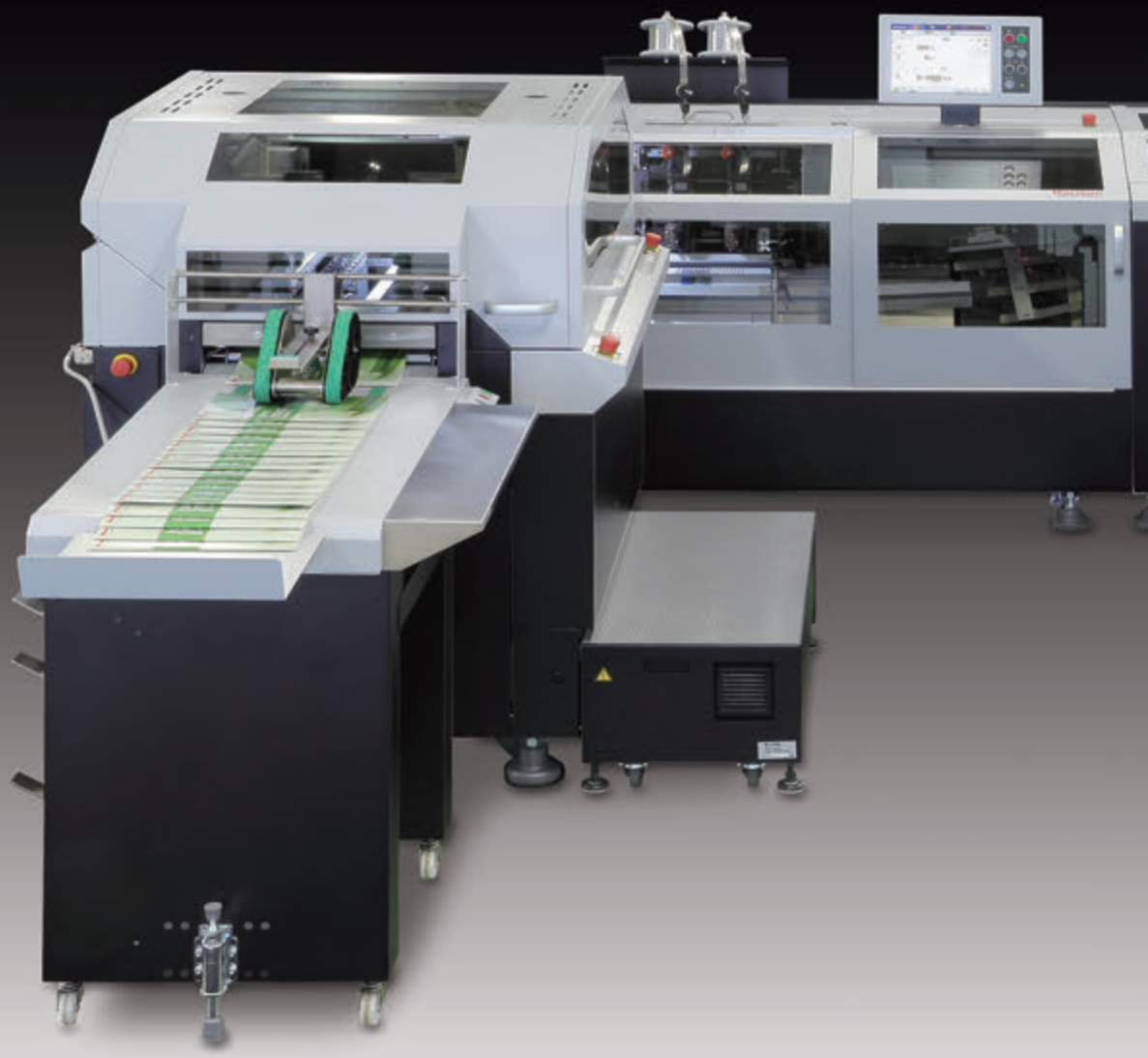
Horizon

StitchLiner Mark III

Saddle-Stitching System StitchLiner MarkIII

Revolutionary new concept in saddle-stitching Technology.

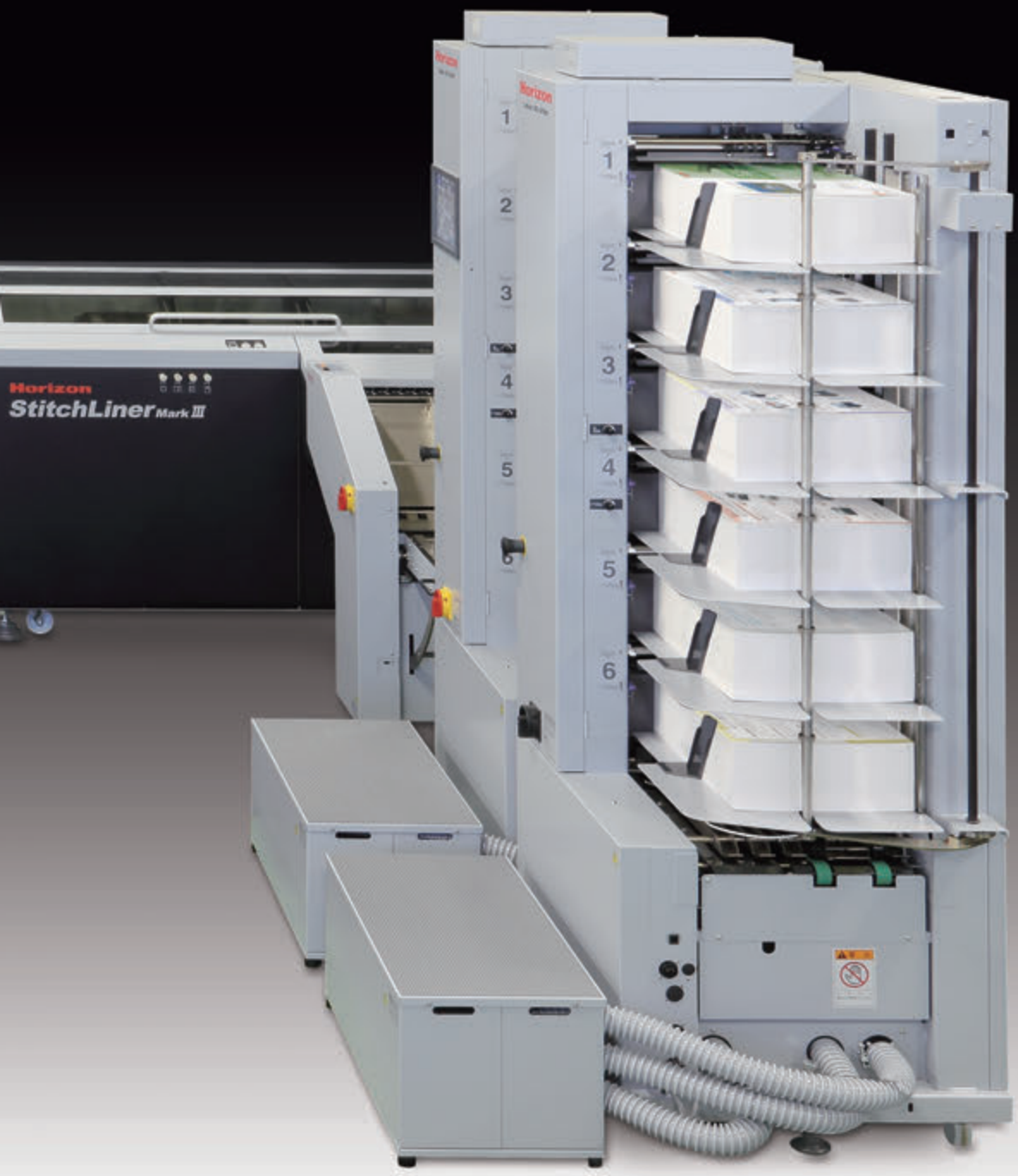
Combining the efficiency and ease of operation of flat sheet collating with the productivity, versatility and quality of a saddle-stitiching system.



VAC-600H(12 bins) + ST-CV + ST-40 + StitchLiner MarkⅢ

The saddle-stitching system combines all processes, from flat sheet collating, scoring, folding, and saddle-stitching through three knife trimming into a single operation.

The StitchLiner series provides user-friendly operation, high productivity and versatility for on demand, production print, and trade bindery environments. The StitchLiner Mark Ⅲ enables you to meet an expanded range of applications, with the highest throughput.



Features of StitchLiner Mark Ⅲ

Horizon takes saddlestitching technology to the next level! The new StitchLiner MarkⅢ delivers the highest quality booklets with greater efficiency than ever before!

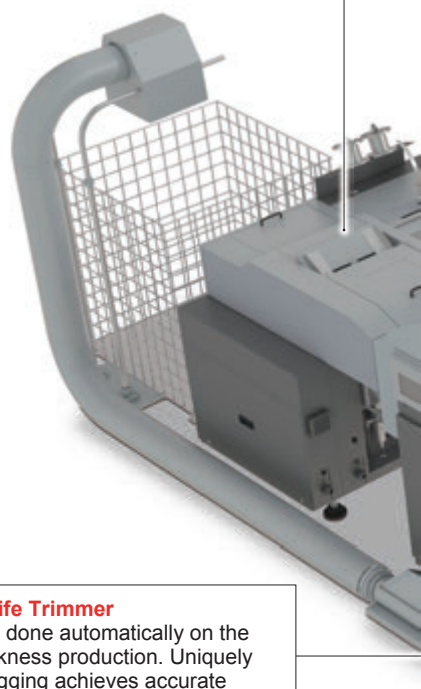
The StitchLiner Mark Ⅲ features expanded booklet size range and increased productivity up to 6,000 booklets per hour.

The system can produce a wider range of products, such as A4 landscape booklets and pocket booklets adding expanded application fl exibility.

The system can be confi gured as a conventional collating system for offset print production and a high-speed sheet feeder for pre-collated digital production.

The StitchLiner MarkⅢ enables you to meet the ever increasing requirements of the market.

SPF-40 Saddle-Stitcher
Sets are jogged, stitched and transported to three knife trimmer. Stitch length and balance are adjusted automatically according to thickness information.



HTS-40 Three-Knife Trimmer
All the settings are done automatically on the fly for variable thickness production. Uniquely designed 4 side jogging achieves accurate trimming quality with 1-up or 2-up production.

Features

1. **Fully-automated Settings** - In addition to booklet format and thickness, all necessary adjustments which includes length and balance are automated.
2. **Higher Quality Booklet** - Professional quality production is achieved with newly designed systems for sheet transport and jogging, scoring and folding, stitch and fold monitoring, and positive jog register at the trimmer.
3. **Variable Thickness Production** - True end to end automation for variable thickness production. Variable stitch length and balance adjustment combined with variable thickness transport adjustment through the trimmer.
4. **A4 Landscape Stitching** - Expanded format size to meet A4 landscape large format calendar production. Higher productivity is achieved on a wider range of formats, including A4 landscape at over 5,000 per hour.
5. **Compatibility** - The StitchLiner MarkⅢ can be integrated with the VAC series collator* and HOF-400 High-speed sheet feeder.
   *System does not have compatibility with VAC-100a and VAC-60Ha towers. Has to be VAC-1000a or VAC-600H. Middle tower and rear tower can be VAC-100m/c and VAC-60Hm/c.

ST-40 Bypass Stacker
Straight or offset stacking can be achieved across a wide range of substrates. Serves as a bypass and error reject station for booklet production.

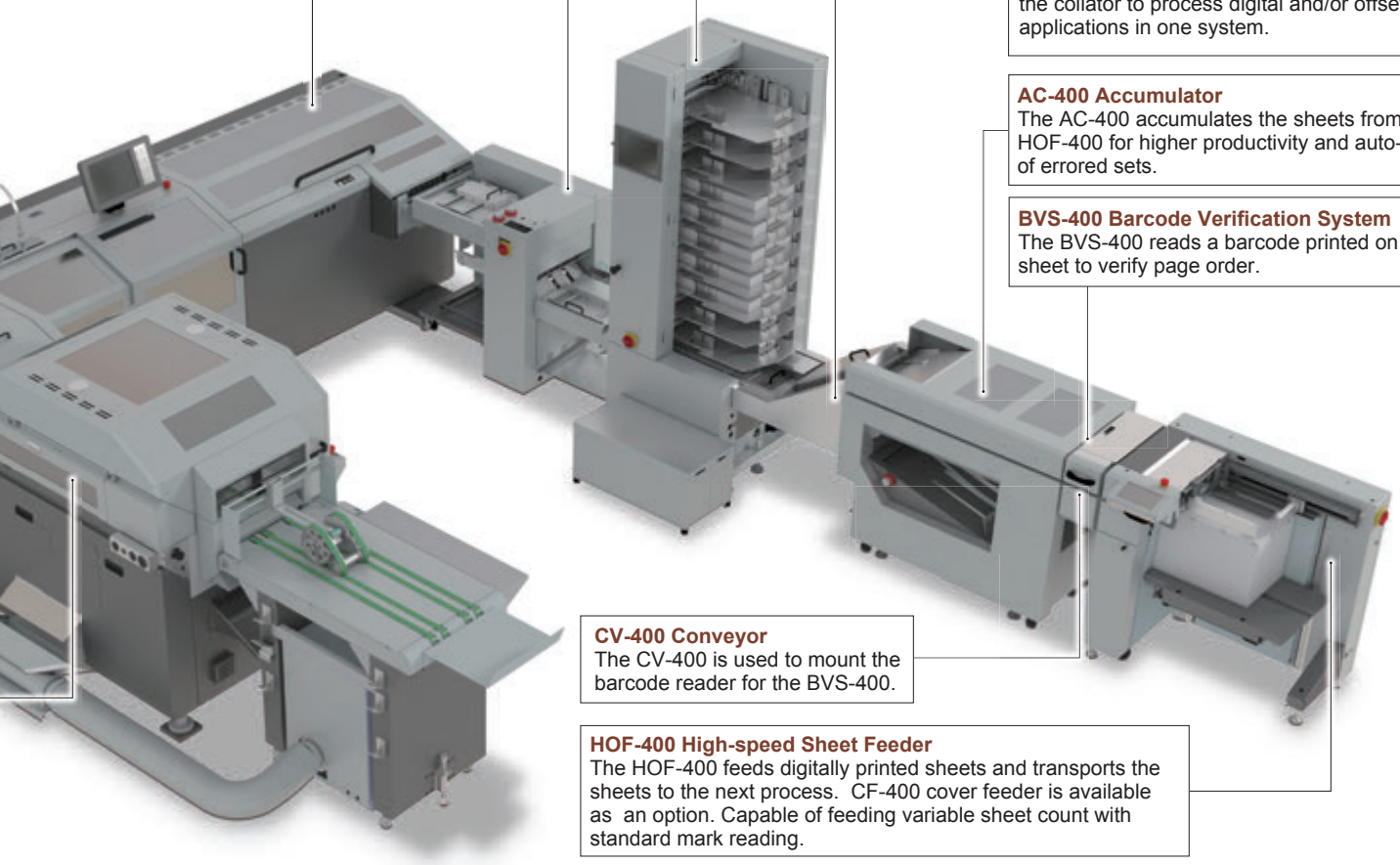
ACF-40 Accumulator and Folder
Uniquely designed accumulating and folding section achieves high quality and high speed production with a wider range of substrates and formats.

VAC-1000/600H Collator Series
Conventional flat sheet collator which is used for collation of offset printed work.

HIF-400 Hybrid Conveyor
The HIF-400 connects the HOF-400 with the collator to process digital and/or offset applications in one system.

AC-400 Accumulator
The AC-400 accumulates the sheets from the HOF-400 for higher productivity and auto-reject of errored sets.

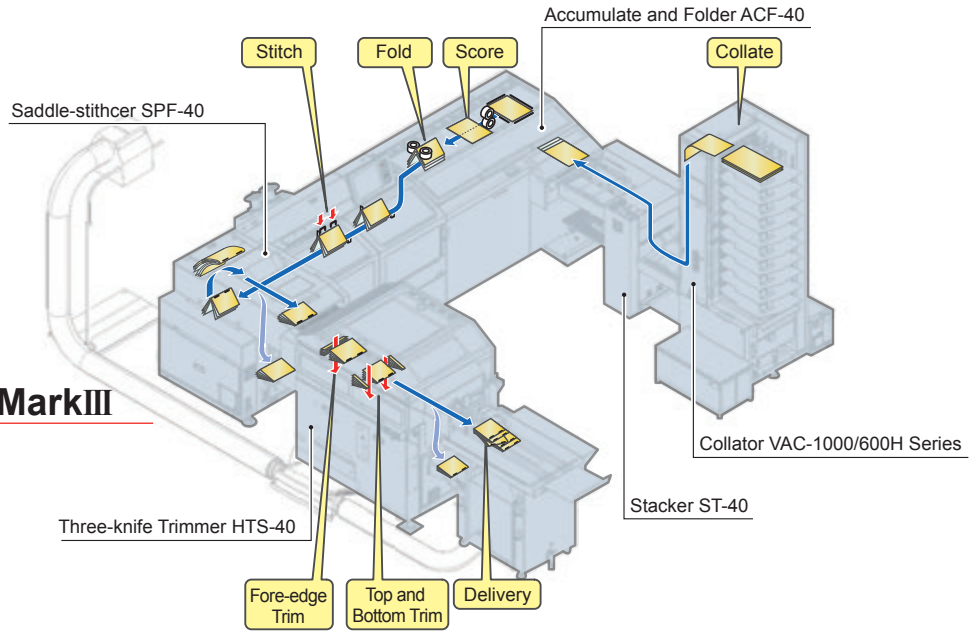
BVS-400 Barcode Verification System
The BVS-400 reads a barcode printed on each sheet to verify page order.



CV-400 Conveyor
The CV-400 is used to mount the barcode reader for the BVS-400.

HOF-400 High-speed Sheet Feeder
The HOF-400 feeds digitally printed sheets and transports the sheets to the next process. CF-400 cover feeder is available as an option. Capable of feeding variable sheet count with standard mark reading.

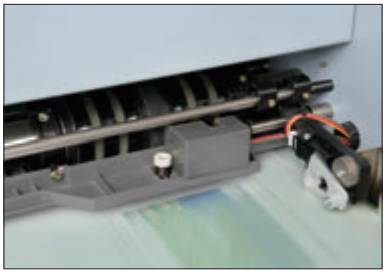
Sheet Flow in StitchLiner MarkIII



VAC series

Rotary Suction Feeding

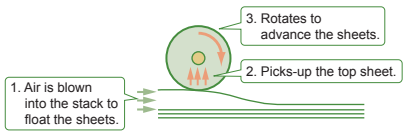
- Horizon’s unique rotary suction feeding system can feed paper weights from very light weight to heavy cover stocks and pre-folded sheets.
- The feed wheel employs a special, highly durable rubber for totally mark-less feeding.
- Feed height sensors and air blowers allow a wide range of sheets to be fed.



What is rotary suction feeding?

Air is blown into the stack to float the sheets. The air rotor then picks-up the top sheet and rotates to advance the sheet.

Air-suction Feeding



For StitchLiner Mark III

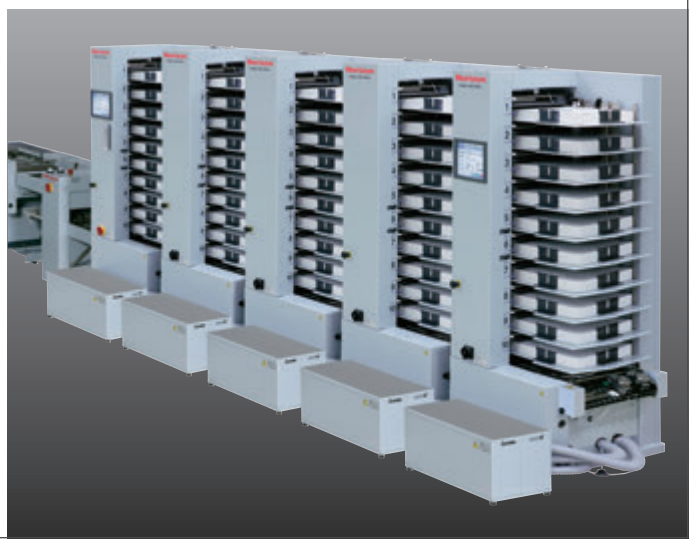
VAC-1000

Stable collation for a wide variety of paper stocks. Suitable for multiple page jobs.

- Advanced programming functions are available such as double cycle for non-stop operation and sub-setting for higher sheet count production.
- Capable of accomodating the increased sheet length of StitchLiner MarkIII (610 mm or 24.015”)
- The VAC-1000 is expandable up to 6 towers, 60 feed bins.

- Bin Pile Height: Max. 55 mm or 2.16”
- Sheet Size: Max. W350 x L500 mm or W13.77” x L19.68”
  Min. W148 x L148 mm or W5.83” x L5.83”

* Optional support guides are capable of handling the 120 mm or 4.73" width sheet at minimum and the expanded sheet length of 610 mm or 24.015”.



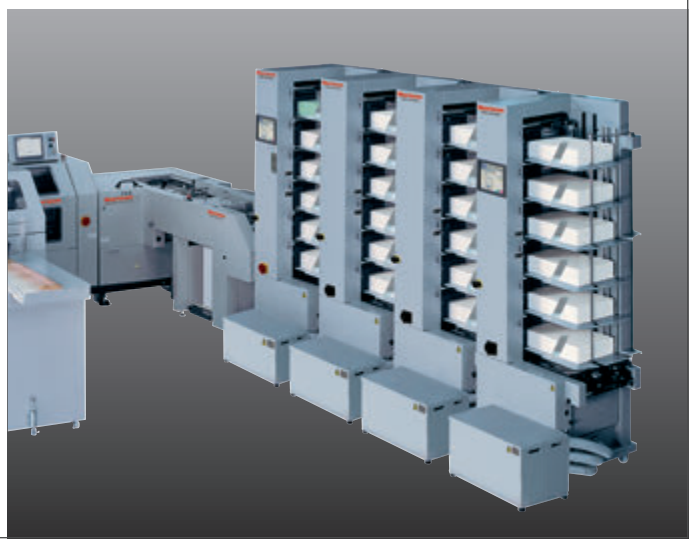
For StitchLiner Mark Ⅲ

VAC-600H

Maximum pile height is 130 mm or 5.11”.
Suitable for longer run production.

- Each bin has 130 mm or 5.11” pile height capacity. Compared to the VAC-1000, the bin capacity is 2.4 times greater for longer run production.
- Advanced programming functions are available such as double cycle for non-stop operation and sub-setting for higher sheet count production.
- Optional image checking system (IC2-V600) is available for higher quality control.
- The VAC-600H is expandable up to 6 towers, 36 feed bins.

  - Bin Pile Height: Max. 130 mm or 5.11”
  - Sheet Size: Max. W350 x L500 mm or W13.77” x L19.68”
    Min. W120 x L148 mm or W4.73” x L5.83”



For StitchLiner 6000

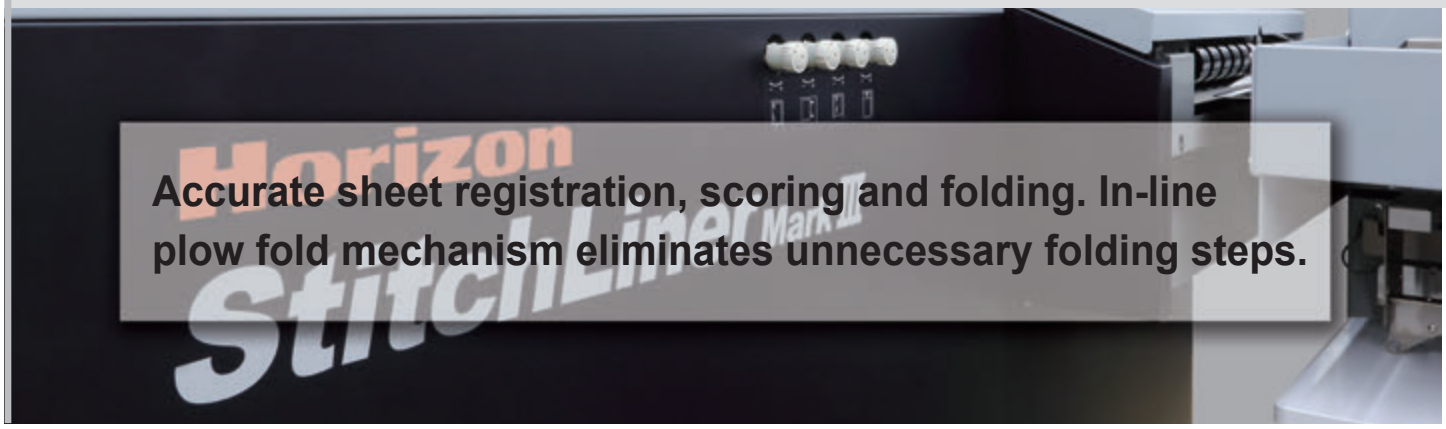
VAC-80S

Equipped with 8 landscape feeding stations.
Maximum production speed is 6,000 booklets per hour.

- The VAC-80S is equipped with a sheet alignment mode to reduce jams in the ACF-30S and down time for uninterrupted operation.
- Advanced programming functions are available such as double cycle for non-stop operation and sub-setting for higher sheet count production.
- Optional image checking system (CCD-VAC80S) is available for higher quality control.
- The VAC-80S is expandable up to 6 towers, 48 feed bins.

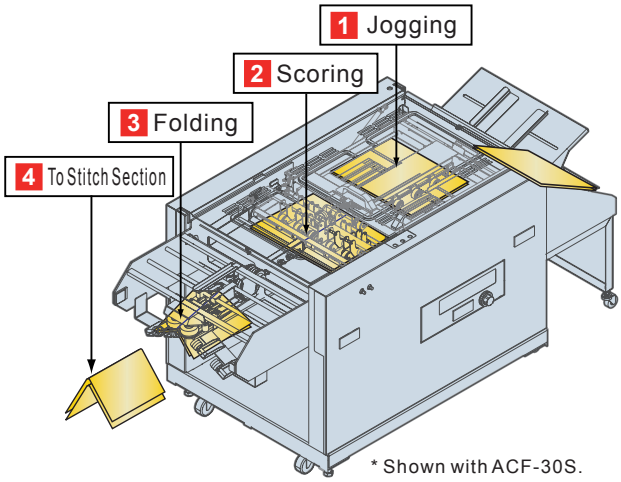
  - Bin Pile Height: Max. 80 mm or 3.14”
  - Sheet Size: Max. W500 x L350 mm or W19.68” x L13.77”
    Min. W199 x L140 mm or W7.84” x L5.52”

ACF-40/30/30S



Accurate sheet registration, scoring and folding. In-line plow fold mechanism eliminates unnecessary folding steps.

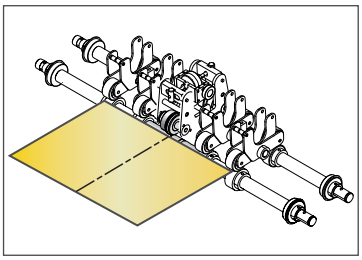
Operation Process and Sheet Flow



* Shown with ACF-30S.

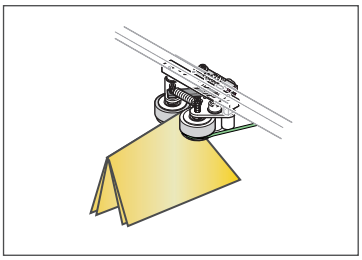
2 Scoring Section

Scoring with the upper and lower rollers.



3 Fold Section

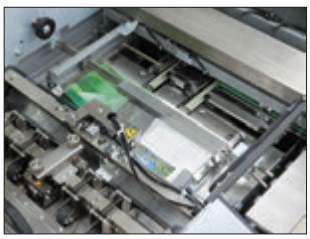
Plow-folding with the belt and rollers.



For StitchLiner Mark III

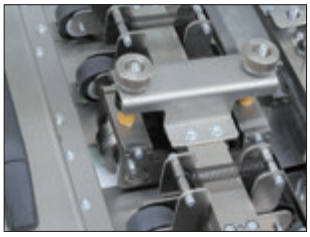
ACF-40

Jog Section



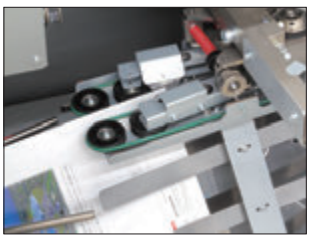
Uniquely designed transport and jogging mechanism achieves high speed production with a wider range of substrates and formats.

Scoring Section

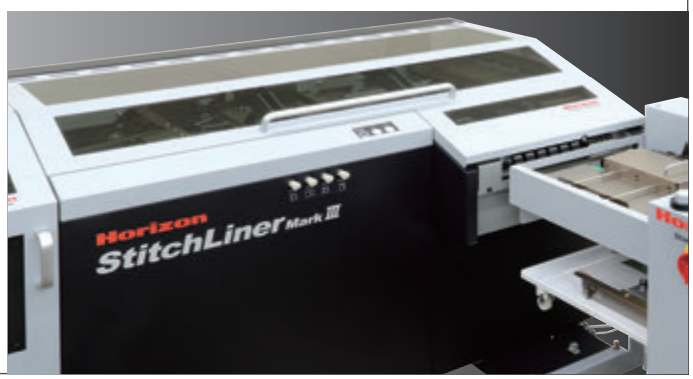


Scoring function to reduce crack on the spine and tighter folding quality. Adjustable gap and creasing pressure to apply suitable creasing quality depending on substrate.

Fold Section



Folding function for high quality fold for a wider range of substrates and formats. Improved folding mechanism for sharper and tighter folding quality with improved accuracy.



SPF-40

Saddle Stitcher

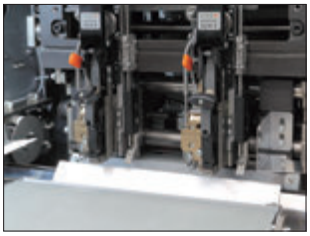
The SPF-40 handles booklets up to 10 mm thick. Fully automated settings enable a high finishing quality.

For StitchLiner Mark Ⅲ

Color Touchscreen

Each finishing station is automatically set in less than 10 seconds (A3 to A4 / 11” x 17” to 8.5” x 11”) by simply inputting the sheet size and booklet size on the color touchscreen. Up to 999 different jobs can be saved for instant job recall.

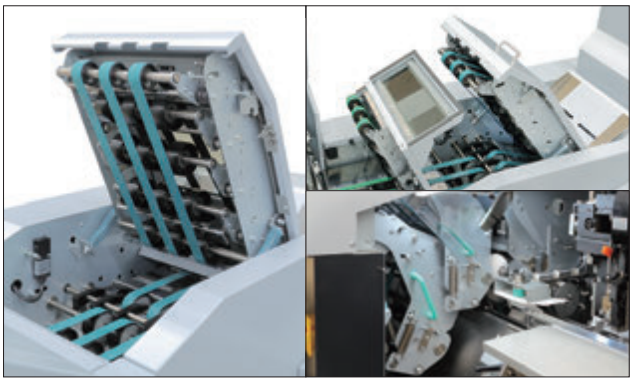
Stitching Section



Stitch position, stitch length and balance, stitch detection sensor position are all automated. (*Note)Extended stitch distance adjustment for a wider range of applications. Various stitching options, including, loop stitching, four stitching and center stitching are available.

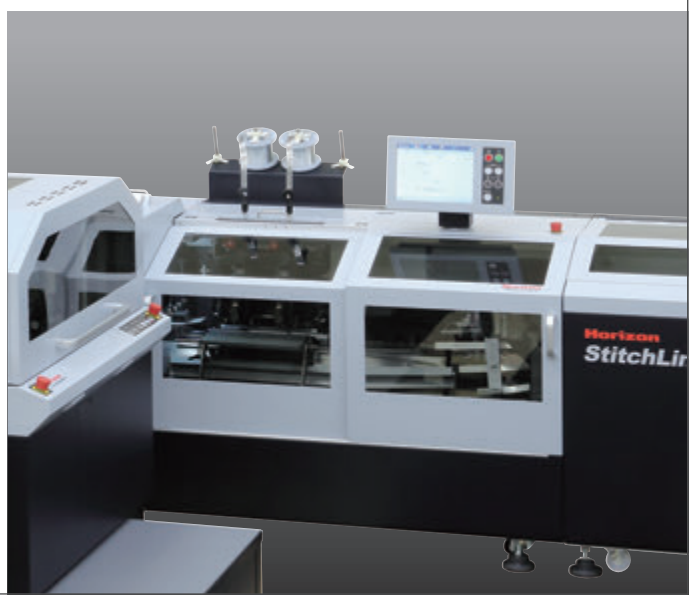
* SPF-30S: 66 through 150 mm, SPF-40: 64 through 176 mm

Maintenance and Other Features



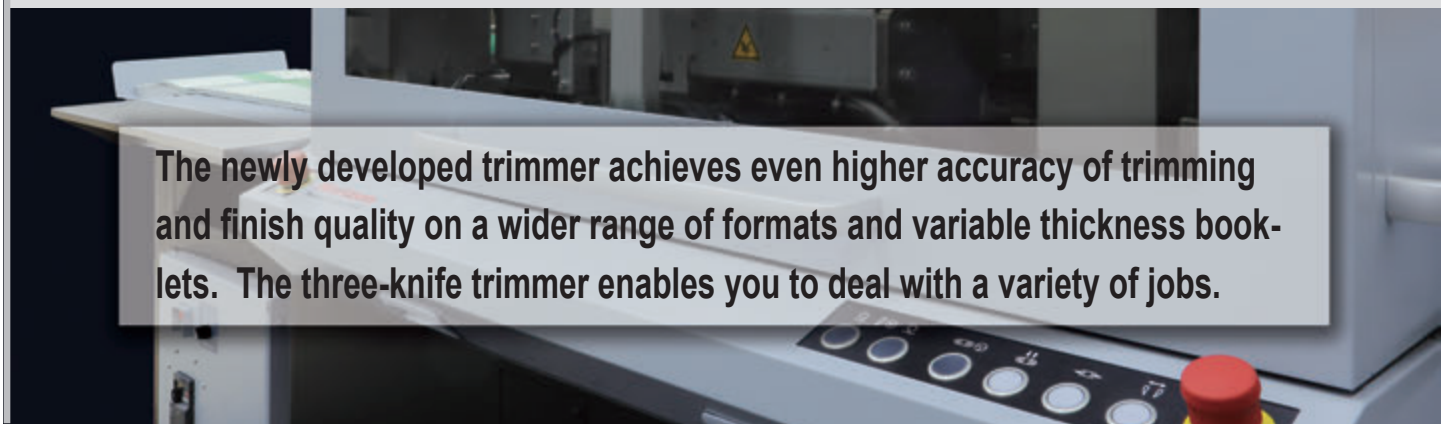
Two reject stations to reject mis-stitched, fold skews, and thickness errors. Only good books arrive on delivery conveyor. In addition, accessibility is greatly improved for maintenance and jam removal.

Reject Tray



HTS-40

Three-knife Trimmer



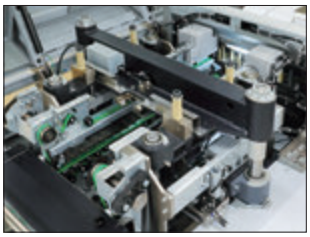
The newly developed trimmer achieves even higher accuracy of trimming and finish quality on a wider range of formats and variable thickness booklets. The three-knife trimmer enables you to deal with a variety of jobs.

For StitchLiner Mark III

Infeed Section and Fore-edge Trim Section

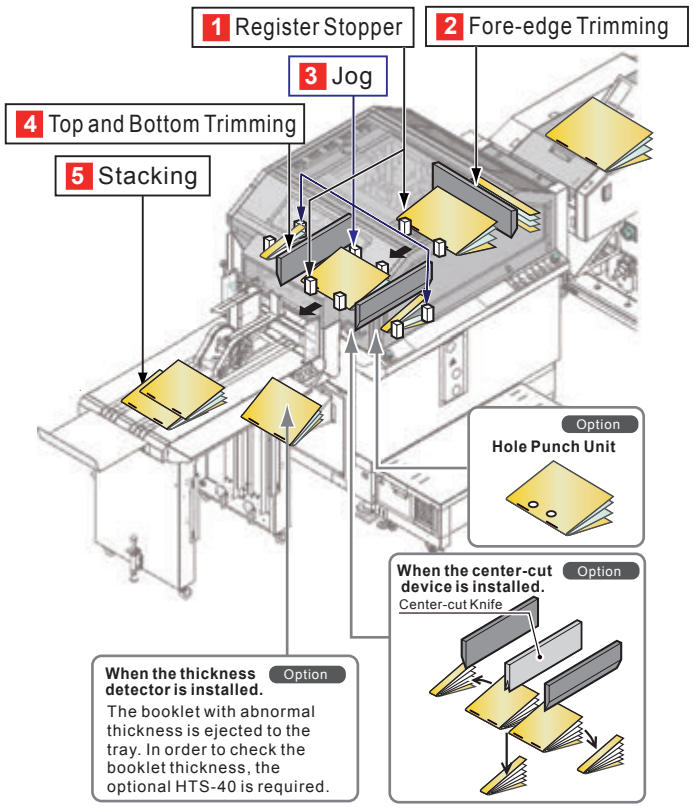
Newly designed booklet transport system provides controlled transport of booklets into the trimming section at higher speeds, even with lighter substrates and thinner booklets.

Top and Bottom Trim Section

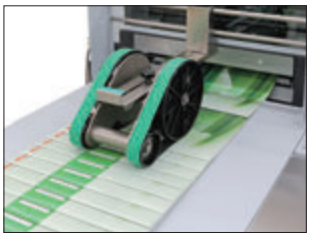


Booklet is jogged on four sides for accurate and consistent trimming quality. Uniquely designed air assisted trim removal to drop the trim waste efficiently. Optional center cut knives are available for 2 up production.

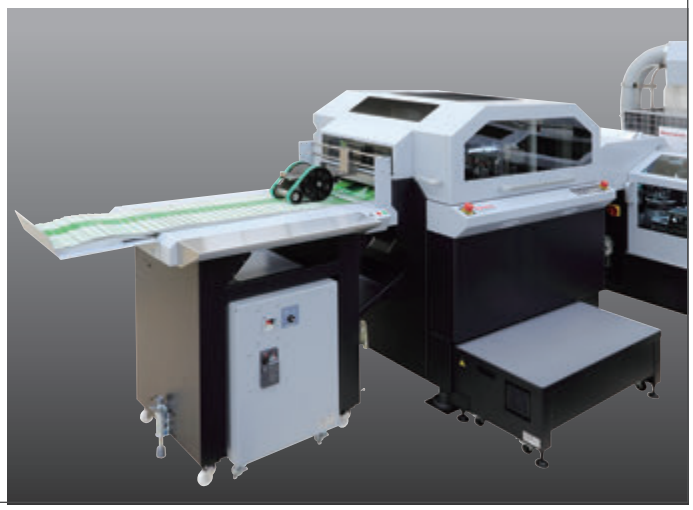
HTS-40 Trimming Process and Sheet Flow



Conveyor Section



Newly designed delivery conveyor to consistently deliver finished booklets. Automated positioning of delivery roller and expended conveyor are available as an option. The optional PK-30 preset kicker can be used in a conventional manner.

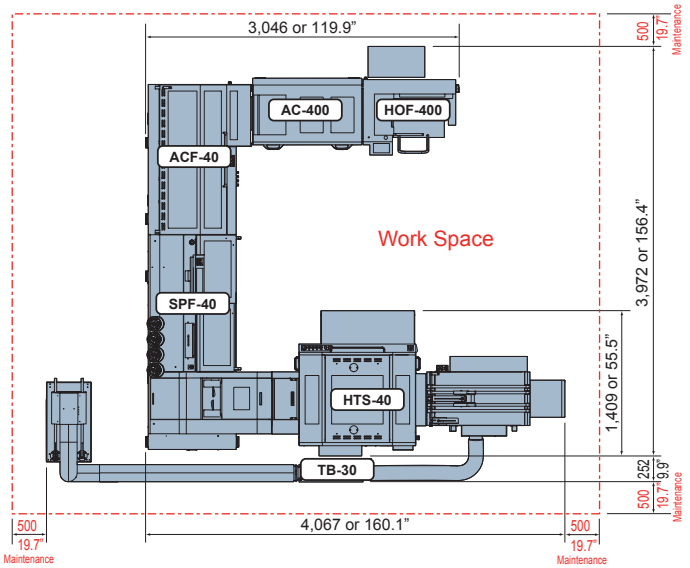


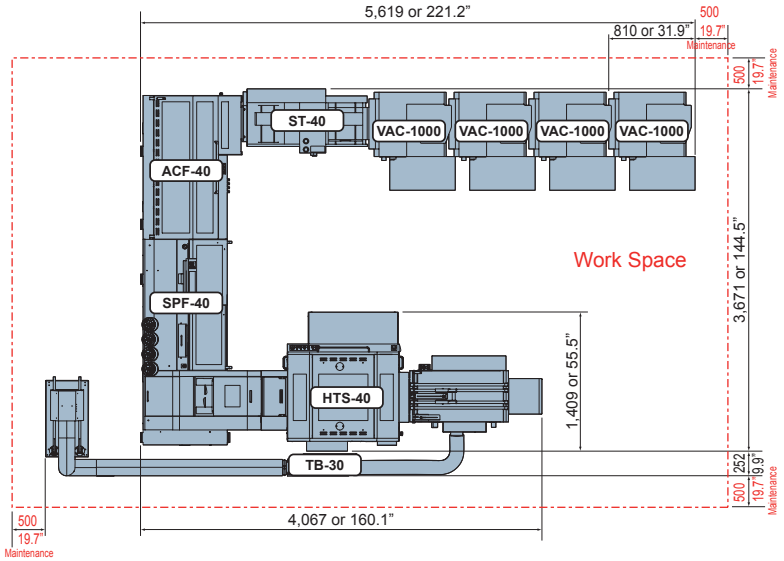
System Configuration

StitchLiner Mark Ⅲ

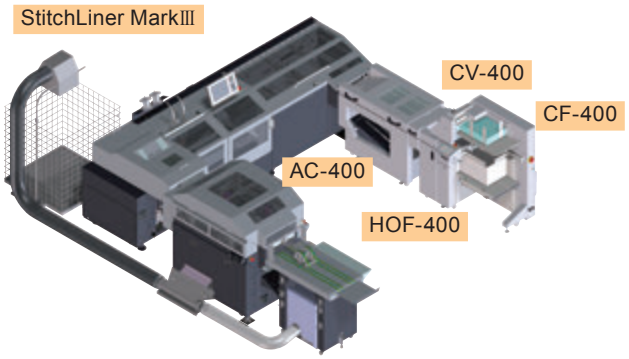
Machine Dimensions and Installation Space (Unit : mm or inch)

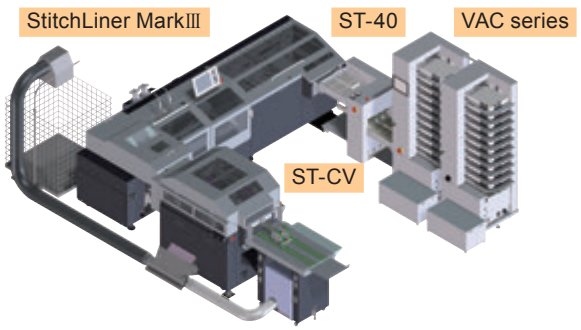
Height : 1,962 mm or 77.3" (VAC-600H)



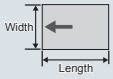
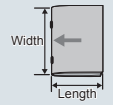
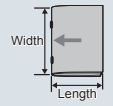


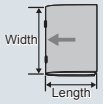
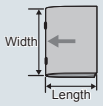
System Configuration





StitchLiner Mark Ⅲ Specifications

Finishing Type	Saddle Stitch, Fold and Trim
Sheet Size 	**Width x Length** Portrait Max. : 356 x 508 mm or 14.015” x 20.000” Landscape Max. : 267 x 610 mm or 10.510” x 24.015” Min. 140 x 194 mm or 5.515” x 7.640” * Max 356 mm x 610 mm or 14.015” x 24.015” can de processed depending on substrate weight and condition.
	A3 / B4 / A4 / B5 / A5 11” x 17” / 8.75” x 11.25” / 8.5” x 11” / 9.75” x 10.25” / 5.5” x 8.5”
Untrimmed Booklet Size 	**Width x Length** Portrait Max. : 356 x 254 mm or 14.015” x 10.000” Landscape Max. : 267 x 305 mm or 10.510” x 12.005” Min. : 140 x 97 mm or 5.515” x 3.820” *2 * Max 356 mm x 305 mm or 14.015” x 12.005” can be finished depending on substrate weight and condition.
	A4 / A4E / A5 / B5 / B6 / A6 11” x 8.5” / 8.5” x 11” / 8.5” x 5.5” / 10.25” x 9.75”
Finished Booklet Size 	**Width x Length** Portrait Max. : 352 x 252 mm or 13.855” x 9.920” Landscape Max. : 263 x 303 mm or 10.350” x 11.925” Min. : 120 *1 x 85 mm or 4.725” x 3.350” * Max 352 mm x 303 mm or 13.855” x 11.925” can be finished depending on substrate weight and condition.
Sheet Weight Range	Normal Paper : 52.3 to 350 gsm Coated Paper : 73.3 to 350 gsm
Fold Thickness	Max. : 2 mm or 0.075” (Thickness of one block)
Stitch Thickness	Max. : 5 mm or 0.195” (Booklet Thickness 10 mm or 0.390”) (About 50 sheets of Normal Paper 81.4 gsm)
Stitch Distance	**Two Stitch** With Centering Device: 64 to 176 mm or 2.520” to 6.925” Without Centering Device: 53 to 176 mm or 2.090” to 6.925”
	Three Stitch (Requires the B-40C kit) • When using the standard head blocks and center block: With Centering Device Stitch Distance Right and Left 64 to 88 mm or 2.520” to 3.460” Overall 128 to 176 mm or 5.040” to 6.925” Without Centering Device Stitch Distance Right and Left 53 to 88 mm or 2.090” to 3.460” Overall 106 to 176 mm or 4.175” to 6.925” • In case of using the outside head blocks for four stitcher heads and center block: Stitch Distance Right and Left 106 to 120 mm or 4.175” to 4.720” Overall 212 to 240 mm or 8.350” to 9.445” (Independent of centering device) Attention When doing three stitches, this cannot be done in the range where the overall measurement is 176.1 to 211.9 mm or 6.935” to 8.340”.
	Four Stitch (Requires the B-40S kit) With Centering Device Stitch Distance Inside 64 to 112 mm or 2.520” to 4.405” Right and Left 64 to 88 mm or 2.520” to 3.460” Overall 192 to 240 mm or 7.560” to 9.445” Without Centering Device Stitch Distance Inside 53 to 134 mm or 2.090” to 5.275” Right and Left 53 to 93.5 mm or 2.090” to 3.680” Overall 159 to 240 mm or 6.260” to 9.445”

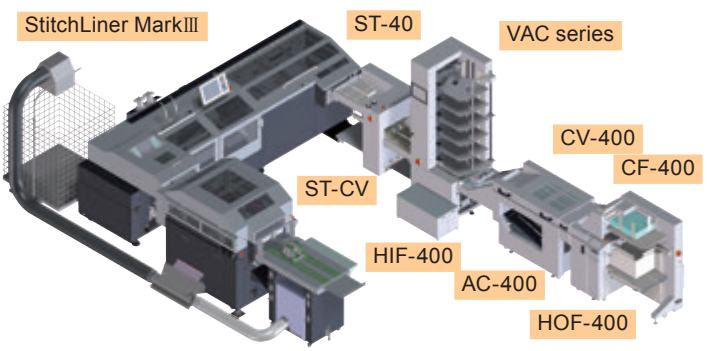
Stitch Heads	Standard Equipment : Two stitcher heads Option : Additional stitcher heads for three or four stitches (The B-40C kit for three stitches or the B-40S kit for four stitches is required.)
Stitching Wire	Standard: 0.5 mm (No.26) The wire of 0.4 to 0.6 mm diameter can be installed on the standard stitcher head.
Trim Width	Fore Edge : Max. 25.4 mm or 1.000” Min. 2 mm or 0.080”
	Top and Bottom : Max. 25.4 mm or 1.000” Min. 2 mm or 0.080”
Trim Thickness	Max. 10 mm or 0.390”
Center Cut (Option) 	**• Four stitches - gutter width 6 mm or 0.235”** Booklet Size before Top and Bottom Trimming and after Fore-Edge Trimming: Width 214.5 to 356 mm or 8.445” to 14.015” Length 85 to 220 mm or 3.350” to 8.660” Finished Booklet Width: 100 to 173 mm or 3.940” to 6.810”
	• Four stitches - gutter width 12 mm or 0.475” Booklet Size before Top and Bottom Trimming and after Fore-Edge Trimming: Width 211.5 to 356 mm or 8.330” to 14.015” Length 85 to 220 mm or 3.350” to 8.660” Finished Booklet Width: 94 to 170 mm or 3.700” to 6.690”
	• Two stitches or without stitch - gutter width 6 mm or 0.235” Booklet Size before Top and Bottom Trimming and after Fore-Edge Trimming: Width 190 to 356 mm or 7.485” to 14.015” Length 85 to 220 mm or 3.350” to 8.660” Finished Booklet Width: 90 to 173 mm or 3.545” to 6.810”
	• Two stitches or without stitch - gutter width 12 mm or 0.475” Corresponding booklet size (Before top and bottom trimming and after fore-edge trimming) Width 196 to 356 mm or 7.720” to 14.015” Length 85 to 220 mm or 3.350” to 8.660” Finished Booklet Width: 90 to 170 mm or 3.545” to 6.690”
Punch (Option) 	Hole Diameter : 5 mm or 0.197”, 6 mm or 0.236”
	Hole Position : Two Holes at 5 to 15 mm from spine, 80 mm pitch One Hole at 10 mm from fore edge, Center
	Booklet Thickness : 3 mm (0.115”) or thinner and moreover, half of hole diameter or thinner
	Booklet Size : Before Top and Bottom Trimming : Width 254 to 356 mm or 10.000” to 14.015” Length 85 to 220 mm or 3.350” to 8.660”
Production Speed	Max. 6,000 booklets per hour (A4 Portrait finished from A3 sheets)*3 Max. 5,300 booklets per hour (A4 Landscape)*3
Voltage/Frequency	3-phase 200-230 V, 50 / 60 Hz (Step down to 200 V by Transformer for 3-phase 400 V)

*1 Minimum width in case that the following center guide is installed in the trim section
Center Guide S: 147 mm or 5.790”
Center Guide M: 204 mm or 8.035”
Center Guide L: 279 mm or 10.985”

*2 Depending on the sheet weight, sheet thickness, booklet thickness or grain direction, the booklet spine may be marked by the transport belts, or the booklet may not be arranged properly on the delivery conveyor. (In this case, the kicker may not be used.)

*3 The production speed is affected by operation mode and paper condition.

*4 Air compressor is required. (Need to be arranged locally.)



Options

For StitchLiner Mark Ⅲ

High-speed Offline Feeder HOF-400

Near-Line Solution for digital printing

Variable Thickness Production

Digitally collated sheets are loaded at the feed table of the HOF-400 and reliably transported to the stitcher. A standard mark sensor enables variable sheet count documents to be handled with integrity and verification. The VAC series collator can be connected in line, for processing of conventional offset printed work. * Note: The HOF-400 cannot be connected to the VAC-80S.

High Speed Feeding

The HOF-400 can feed at a speed of 25,000 sheets per hour (A3 or 11” x 17”) and 35,000 sheets per hour (A4 SEF or 8.5” x 11”). This high speed feeding is capable of handling the output of multiple printers.

User Friendly Operation

Feature rich newly designed 7" color touch screen display for easy and intuitive operation. The HOF-400 is equipped with a high quality feed detection system for reliable processing. If mis-feeding occurs in the HOF-400, the set is ejected before stitching.

Variable System Configuration

The HOF-400 is compatible with a wide variety of system configurations such as sheet feeding, cover feeding, accumulating, bleed trimming and center creasing depending on your needs.

HOF-400

For StitchLiner Mark Ⅲ

Inserter IM-30

Inline inserter for expanded booklet processing

The IM-30 can insert(blow-in) single sheets, post cards, envelopes and folded sheets into a booklet stitched on the StitchLiner.

Labor-savings

Sheet insertion can be performed in-line with the StitchLiner with minimal operator involvement.

High Productivity

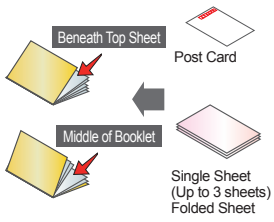
The IM-30 can insert at a maximum production speed of 4,000 booklets per hour with the StitchLiner connected. Faulty insert eject function is employed for non-stop operation even when a feed error occurs.

User Friendliness

Intuitive touchscreen control and quality checking systems increase production efficiency with minimal errors.
Quality checking system includes: Feed section error sensor, Separation error sensor, Booklet jam sensor.

Wide Variety of Inserting Applications

Increase production capabilities with a wide range of inserting applications. Up to three pieces can be inserted into the middle, front or back of a booklet.



IM-30

Options for IM-30

Error Insert Detector IM-SD

Using an ultrasonic sensor, the IM-SD detects that the front page is turned.

Conveyor IM-CC Compressor CMP-04

Preset Kicker PK-30

Bypass Convey or IM-BC40: For StitchLiner MarkⅢ

IM-BC: For StitchLiner5500/6000

StitchLiner Mark Ⅲ

Bypass Stacker ST-40

Simple and Quick Changeover

User Friendliness

Bookletmaking, reject function and offset or straight stacking can be selected at the ST-40.

High Speed

Errored sets are delivered to the built-in reject tray for non-stop operation. Collated sets delivered on the pallet are jogged for superior stack quality.

*Note: The ST-40 cannot be connected to the VAC-80S.

ST-40

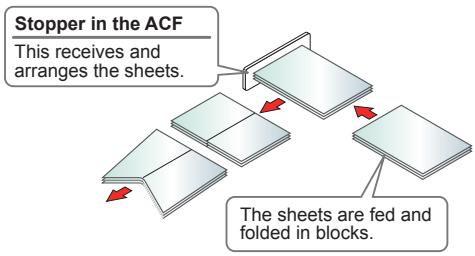
SL6PS-40: StitchLiner Mark Ⅲ

Optional Six-page Cover Kit SL6PS-40

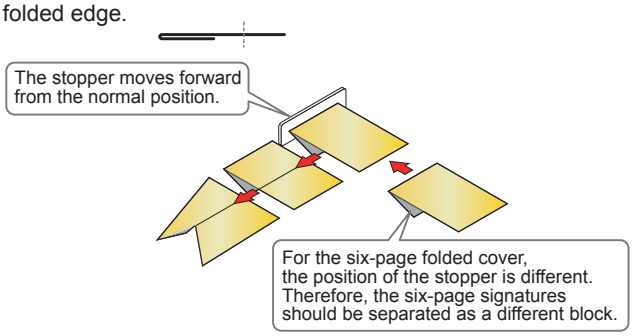
Software to mix different length of sheet.

Mix six-page folded or different size cover

Normally, the sheets are folded in half to make a four-page signature.

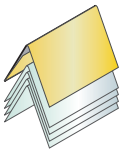


Six page folded or different size cover can be processed as shown below for proper registration and to avoid trimming the folded edge.

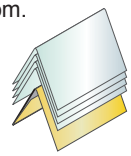


Different size sheet can be inserted in any position.

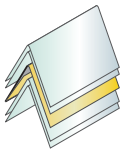
Mix different size sheet on top.



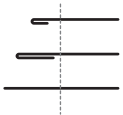
Mix different size sheet at the bottom.



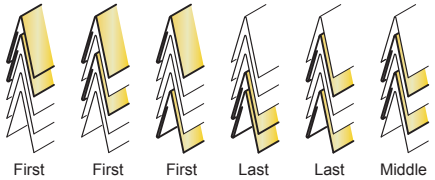
Insert different size sheet in the middle.



Up to two different sheet sizes can be inserted - only if they are fed from the VAC



- Different size sheet can be inserted up to four positions in a booklet: front, Back, and other two inserts. However, the system is limited to insert only two different sizes.
- Multiple sheets can be inserted within the same block.
- If the sheets are fed from the HOF-400(CF-400), only one different size sheet can be inserted.



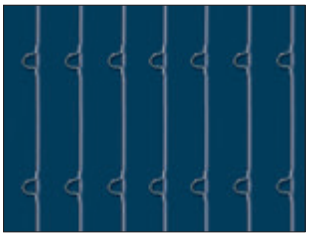
Option

Other Options

Stitcher Head

The stitcher head is selectable from either of the standard stitcher head (No.25 through No.27, thickness: 0.5 mm through 0.4 mm or 0.020" through 0.016") or the stitcher head for heavy line (No.23 through No.25, thickness: 0.6 mm through 0.5 mm or 0.024" through 0.020"). Four stitching is available by using the four stitching kit. Three stitching is available by using the B-40C which is the option of the SPF-40. *Note: The SPF-30S is only for two stitching and four stitching.

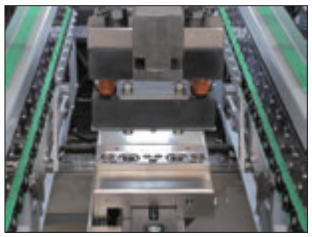
Loop Stitching Kit



Loop stitching is available by installing the loop stitching kit with the stitch head.

* Note: The stopper for the loop stitching is required for the StitchLiner Mark III.

Hole Punch Unit



High speed two-hole punching can be performed in-line for efficient production.
HP-05K (5 mm hole), HP-06K (6 mm hole) and one-hole punch unit (for fore-edge) are available.

Thickness Detector HTS-TD40 (for HTS-40)

The HTS-TD40 detects the booklets with abnormal thickness and ejects them to the misfeed tray.

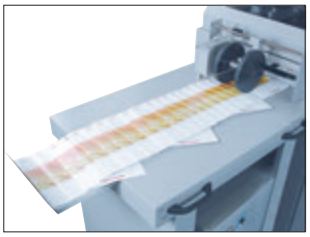
Thickness Detector HTS-TD (for HTS-30S)

When the HTS-TD detects a booklet with abnormal thickness, the Booklets that are being processed on the SPF-30S are ejected to the misfeed box on the SPF-30S.

Center-cut Unit

Two-up production is available by installing the center-cut device. For the center-cut unit for the Stitch-Liner5500/6000, there are two types of unit; cutting width 6 mm or 0.24" and cutting width 8 mm or 0.31". For the center-cut unit for the StitchLiner Mark III, there are four types of unit; cutting width 6 mm or 0.24", cutting width 8 mm or 0.31", cutting width 10 mm or 0.39", and the cutting width 12 mm or 0.47".

Preset Kicker PK-30

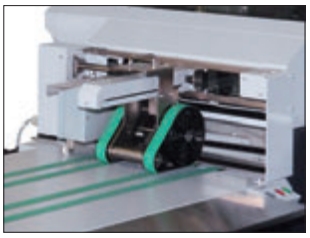


According to a preset number input on the touchscreen, a booklet is skewed to identify and separate the end of a series.

Trimmings Blower TB-30

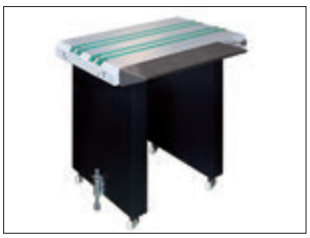
The TB-30 ejects the trims from HTS by air.

Transport Rollers HTS-AR40



The upper delivery roller is automatically set to match the finished size of the booklet.

Delivery Conveyor (HTS-ECV40)



The HTS-ECV40 has a higher booklet capacity and is suitable for longer production runs.

	Name	Format	Description	StitchLiner5500	StitchLiner6000	StitchLiner Mark III
Stitch Section	Optional Six-page Folder	SL-6PS	Software for the optional six-page folder	Yes	No	No
		SL6PS-40	Software for the optional six-page folder	No	No	Yes
	Stitcher Head Optional Parts	B-40S	Two Stitcher Head Attaching Parts (Stitcher head and clincher are not included.)	No	No	Yes
		B-30S		Yes	Yes	No
	Stitcher Head Optional Parts	B-40C	One Stitcher Head Attaching Parts (Stitcher head and clincher are not included.)	No	No	Yes
		B-30C		Yes	Yes	No
	Centering Device	CD-30S (9964585)	-	Yes	Yes	Yes
	Stitcher Head 52/8S (Thick) No.23 through 27	0522530	For heavy line: Thickness 0.4 through 0.6 mm	No	No	Yes
	Stitcher Head 52/8S (Thin) No.25 though 27	0522532	Domestic Standard For fine line: Thickness 0.35 through 0.5 mm	No	No	Yes
	Clincher	996-3684	-	No	No	Yes
	52/8S Head Parts for Heavy Line	052-2980	Bender and Driver for One Head Thickness 0.4 through 0.6 mm	No	No	Yes
	52/8S Loop Stitching Parts	052-2940	Thickness 0.5 mm through 0.6 mm The stopper for loop stitching is necessary for the HTS-40.	No	No	Yes
	Wire No.23	CO-23	0.60 mm or 0.024"	Yes	Yes	Yes
	Wire No.24	CO-24	0.55 mm or 0.022"	Yes	Yes	Yes
	Wire No.25	CO-25	0.50 mm or 0.022"	Yes	Yes	Yes
	Wire No.27	CO-27	0.40 mm or 0.016"	Yes	Yes	Yes
	Stitcher Head 43/6S No.25 through 27	M792010 (0543542)	For fine line: Thickness 0.5 mm through 0.4 mm	Yes	Yes	Yes
	Stitcher Head 43/6S No.23 through 25	M792019 (0543540)	For heavy line: Thickness 0.6 mm through 0.5 mm	Yes	Yes	Yes
	43/6S Head Parts for Heavy Line	9964324	Bender and Driver for One Head	Yes	Yes	*
	43/6S Loop Stitching Parts	9964400	For One Head No.23 through 25 (0.6 mm through 0.5 mm) The stopper for loop stitching is necessary for the HTS-40.	Yes	Yes	*
Trimming Section	Trimmings Blower	TB-30	The TB-30 ejects the trims from HTS by air.	Yes	Yes	Yes
	Preset Kicker	PK-30	The PK-30 is necessary for separating the booklets by the preset number on the delivery conveyor.	Yes	Yes	Yes
	Additional Stopper for Top-Bottom		Stopper for Loop Stitching	No	No	*
	Thickness Detector	HTS-TD	When the HTS-TD detects the booklets with abnormal thickness, the HTS-30S stops in an emergency and the booklets that are being processed on the SPF-30S are ejected to the misfeed box on the SPF-30S.	Yes	Yes	*
		HTS-TD40	The HTS-TD40 detects the booklets with abnormal thickness and ejects them to the misfeed tray.	No	No	Yes
	Center-Cut Device (6 mm or 0.23" Width)	CC40-06	Cutting Width 6 mm or 0.23" (Maximum booklet thickness: 3 mm or 0.12")	No	No	Yes
		CC-06		Yes	Yes	*
	Center-Cut Device (8mm or 0.23" Width)	CC40-08	Cutting Width 8 mm or 0.31" (Maximum booklet thickness: 4 mm or 0.16")	No	No	Yes
		CC-08		Yes	Yes	*
	Center-Cut Device (10 mm or 0.39")	CC40-10	Cutting Width 10mm or 0.31" (Maximum booklet thickness: 4 mm or 0.16")	No	No	Yes
	Center-Cut Device (12 mm or 0.47")	CC40-12	Cutting Width 12 mm or 0.47" (Maximum booklet thickness: 4 mm or 0.16")	No	No	Yes
	Punch Base Unit	HP-30S	Lower part is common in 5 mm or 6 mm	Yes	Yes	*
		HP-40S	Lower part is common in 5 mm or 6 mm	No	No	Yes
	Punch Unit (5 mm or 0.19")	HP-05K	Upper Part 2 holes and 5 mm or 0.19"	Yes	Yes	Yes
		HP-C05K	Upper Center 1 hole and 5 mm or 0.49"	Yes	Yes	Yes
	Punch Unit (6 mm or 0.24")	HP-06K	Upper Part 2 holes and 6 mm or 0.23"	Yes	Yes	Yes
		HP-C06K	Upper Center 1 hole and 6 mm or 0.23"	Yes	Yes	Yes
	Delivery Conveyor	HTS-AR40	The upper delivery roller is automatically set to match the finished size of the booklet.	No	No	Yes
	Delivery Conveyor	HTS-ECV40	The HTS-ECV40 is suitable for stacking the large number of booklets.	No	No	Yes
Paper Inserter	Paper Inserter	IM-30	Up to three sheets can be inserted into the middle of the booklet and beneath the top sheet. The IM-30 can be connected to the stitcher or can be used as stand alone.	Yes	Yes	Yes
	StitchLiner IM-30 Conveyor	IM-BC	The IM-BC is a conveyor which cross over the IM-30 to transport the booklets to the conveyor of HTS.	Yes	Yes	No
		IM-BC40		No	No	Yes
	Error Insert Detector	IM-SD	The IM-SD is a sensor which detects that a front page is turned when a sheet is inserted.	Yes	Yes	Yes

* Contact your local dealer about availability of connection.