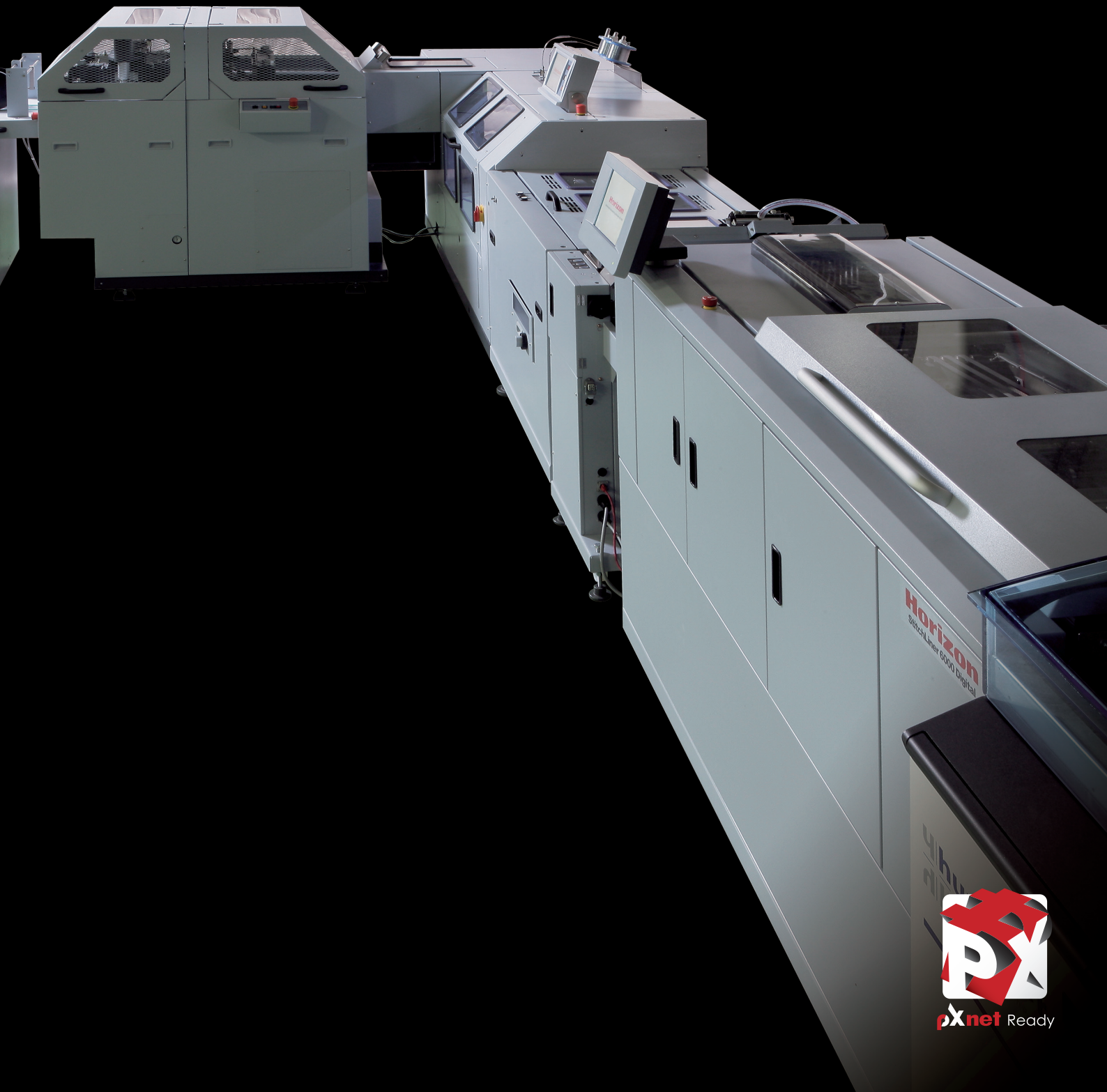


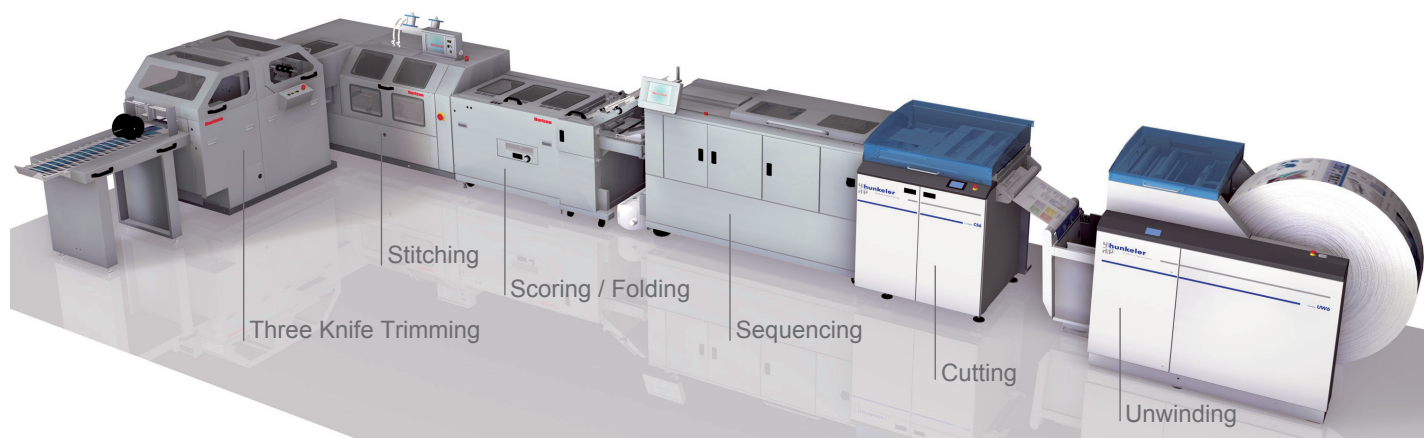
Horizon

Roll to Booklet Solution



PXnet Ready

The StitchLiner6000 Digital is the most productive and easy to use in-line saddle stitcher in its class.



StitchLiner6000 Digital + Hunkeler sheet processing system

Benefits

High Productivity:

High speed production --up to 6,000 booklets per hour-- is achieved with an advanced sheet sequencing module and high speed saddle-stitching system.

Quality Booklets:

Accurate folding, precise stitch placement and clean three-side trimming are applied to produce a high-quality finished booklet.

Advanced Interface:

Advanced intelligent interface minimizes system error down time and spoilage. This also simplifies system operation and maximizes overall productivity.

Flexible Feeders:

Up to two Intelligent and flexible vacuum cover feeders can be added for simple cover feeding or sheet inserting to handle a wide range of applications.

JDF Workflow:

System can be enhanced with JDF workflow from upstream to the postpress using pXnet bindery control system.

Suitable Markets

Applications

- One to one personalized applications
- Education
- Leaflets
- Direct mail
- Transpromo
- Financial printing

Industry Segments

- Commercial print
- Financial services
- Health care
- Government
- Marketing and advertising



CF-30S : Cover Feeder (Option)

Features

Easy Operation:

Easy and intuitive operation is achieved with touch screen control. No specialized operator skill are needed to set up and operate the system.

High Speed:

Maximum production speed is 6,000 booklets/hour (depending on application). An advanced interface minimizes the upstream system slowdown.

High Quality Finish:

Professional quality finished booklets are assured with renowned StitchLiner technology. Sheets are plow folded, stitched and three knife trimmed to form crisp, tight finished booklets.

Automatic Setup:

State of the art automation is employed for precise settings. Simply input the sheet size and the system sets up end-to-end automatically.

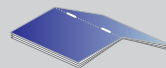
Variable Data Handling:

Personalized and variable page count applications can be handled. The in-line configuration insures sheet-to-sheet integrity.

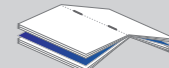
Flexible Insertion:

An intelligent cover feeder enables flexible insertion of up to 5 sheets plus cover anywhere in the booklet.

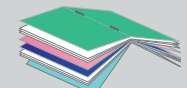
Colored sheets are cover or insert sheets from cover feeder.



Cover Feed Only



Single sheet inserting



Multiple Sheet Inserting

Configurations

System Configuration

The system consists of 4 main units. Several options are also available to handle specific applications.

AS-30S : Advanced Sequencing Module

A four-stage buffering section synchronizes the speed of the roll cutter and the saddle stitching unit.

ACF-30S : Accumulator & Folder

Sheets are scored and plow folded to form crisp, tightly folded booklets.

SPF-30S : Saddle Stitcher

Folded sheets are accumulated on the saddle, perfectly jogged, and accurately stitched.

HTS-30S : Three Knife Trimmer

Professional-quality three-knife trimming applies the final finish. A center-cut option enables two-up production.

CF-30S : Cover Feeder (Option)

One or two modular cover feeding stations can be added, to insert up to 5 sheets plus cover anywhere in the booklet.

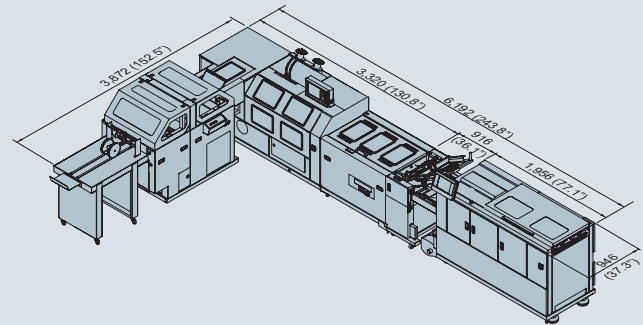
StitchLiner6000 Digital Specifications

Sheet Size	Max. 350(W) x 500(L) mm (13.7" x 19.6") Min. 210(W) x 279.4(L) mm (8.3" x 11")
Sheet Weight Range	Normal Paper: 52 to 209 gsm Coated Paper: 73 to 209 gsm
Web Speed	Max. 180 m (590ft) / min.
Stitch Thickness	Min. Two Sheets Max. 5 mm (0.19") (Booklet thickness: 10 mm or 0.39") For loop stitching, Max. 3 mm (0.11") of booklet thickness.
Stitch Distance	Min. 66 mm (2.6") Max. 150 mm (5.9") Up to two additional stitcher heads can be added.
Size Before Trimming	Max. 350 (Top-bottom) x 250 (Fore-edge) mm (13.7" x 9.8") Min. 210 (Top-bottom) x 139.7 (Fore-edge) mm (8.3" x 5.5")
Trim Width	Min. 2 mm (0.08") Max. 25 mm (0.98") (When center-cut is performed, the width is limited to a half of the center-cut width.)
Center-cut Width	6 mm, 8 mm or 0.25"
Booklet Size (after trimming)	Max. 340 (Top-bottom) x 230 (Fore-edge) mm (13.3" x 9.0") Min. 160 (Top-bottom) x 114.7 (Fore-edge) mm (6.3" x 4.6") When center-cut is performed Max. 167 (Top-bottom) x 220 mm (Fore-edge) mm (6.5" x 8.6") [6 mm width center-cut]
Sheet Sizes for Cover Feeder	Max. 350(W) x 500(L) mm (13.7" x 19.6") Min. 140(W) x 199(L) mm (5.6" x 7.9")
Sheet Weight Range for Cover Feeder	Normal Paper : 81 to 270 gsm Coated Paper : 85 to 300 gsm For feeding six-page signatures and eight-page signatures, 10 mm (0.4") gap between sheet edges is required at least.
Sheet Stack Height	Max. 30mm (1.1") Sheets can be loaded while running.
Production Speed	Max. 6000 booklets / h (A3, one block, up to 6 sheets) Min. 2400 booklets / h (A3, 12 sheets, two block)
Voltage/Frequency	AS-30S Single Phase 200 V, 50 / 60 Hz Single Phase 220 V, 50 / 60 Hz Single Phase 230 V, 50 / 60 Hz Single Phase 240 V, 50 / 60 Hz
	CF-30S 3-Phase 200 V, 50 / 60 Hz 3-Phase 208 V, 60 Hz 3-Phase 220 V, 50 / 60 Hz 3-Phase 240 V, 50 / 60 Hz
	ACF-30S / SPF-30S / HTS-30S 3-Phase 200 V, 50 / 60 Hz 3-Phase 220 V, 50 / 60 Hz 3-Phase 400 V, 50 / 60 Hz
Power Consumption	AS-30S 200 V, 50 / 60 Hz, 420 / 410 W 220 V, 50 / 60 Hz, 430 / 420 W 230 V, 50 / 60 Hz, 420 / 420 W 240 V, 50 / 60 Hz, 420 / 420 W
	CF-30S 200 V, 50 / 60 Hz, 1,900 / 2,700 W 208 V, 60 Hz, 2650 W 220 V, 50 / 60 Hz, 1,930 / 2,610 W 240 V, 50 / 60 Hz, 2,010 / 2,610 W
	ACF-30S / SPF-30S / HTS-30S 200 V, 50 / 60 Hz, 2,300 / 2,200 W 220 V, 50 / 60 Hz, 2,200 / 2,200 W 400 V, 50 / 60 Hz, 2,200 / 2,200 W
Rated Current	AS-30S 200 V, 50 / 60 Hz, 3.0 / 2.8 A 230 V, 50 / 60 Hz, 2.8 / 2.7 A 240 V, 50 / 60 Hz, 2.7 / - A
	CF-30S 200 V, 50 / 60 Hz, 6.9 / 8.6 A 208 V, 60 Hz, 8.2 A 220 V, 50 / 60 Hz, 7.1 / 7.9 A 240 V, 50 / 60 Hz, 7.9 / 7.6 A
	ACF-30S / SPF-30S / HTS-30S 200 V, 50 / 60 Hz, 7.7 / 7.0 A 220 V, 50 / 60 Hz, 6.7 / 6.6 A 400 V, 50 / 60 Hz, 3.6 / 3.5 A
Machine Weight	AS-30S: 464 kg (1,023 lbs.) / ACF-30S: 266 kg (587 lbs.) SPF-30S: 760 kg (1,676 lbs.) / HTS-30S: 1,000 kg (2,205 lbs.)

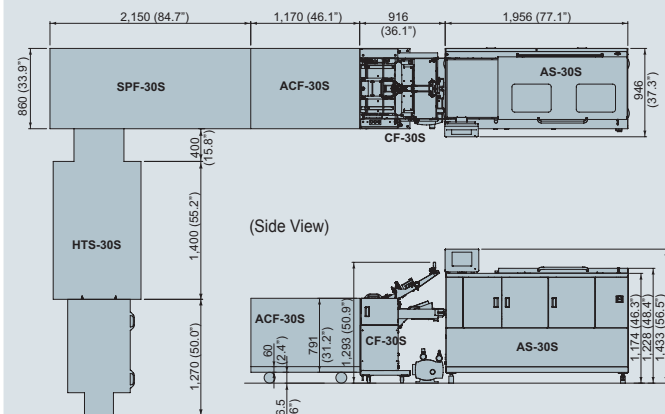
*The machine design and specifications are subject to change without any notice.

Machine Dimensions and Installation Space [Unit : mm (inch)]

Height : 1,433 mm (56.5")



(Top View)



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ISO 9001
ISO 14001

Manufactured by Taiyo Seiki Co., Ltd.