

Sheeter 568

for in-line Saddle Stitch

PACIFIC
series



The Sheeter 568 system for IBIS Smart-binder includes the Unwind 550, Cutter 561, Stacker 566, Feeder 568 and conveyor.

- In-line saddle stitching
- Stacking for near-line finishing
- Lightweight compatible
- Easy application changes

A stitch in time

Saddle stitch in-line with your digital web printer for quick and effortless production of manuals and booklets. The Pacific series Sheeter 568 system works with the IBIS Smart-binder to provide unprecedented stitching capability and maximum flexibility for print on demand applications.

The Sheeter 568 system delivers sheets in-line to the IBIS to be stitched and trimmed in-line, in paper weights as light as 14 pound bond or 50 gsm. Off-line labor is eliminated, and jobs are completed sooner. The bypass function allows

quick and easy changing between stitched booklets and cut sheet, stacked output.

As with all of our products, the Pacific series Sheeter 568 system is compatible with today's most advanced digital printers and can be adapted to meet your printing needs. Innovative products combined with award winning support and service make Lasermax Roll Systems the essential partner for your print operation.

Sheeter 568

for in-line Saddle Stitch

The Pacific series Sheeter 568 system for IBIS Smart-binder features the Unwind 550, Cutter 561, Stacker 566, Feeder 568 and conveyor, and generates individual sheets for in-line stitching or neat paper stacks for book blocks.

The center-shaft driven Unwind 550 feeds a roll of paper up to 20.5" wide and 52" in diameter into the printer for continuous printing. Once the paper is printed, the Cutter 561 uses a rotary knife to cut printed output to the desired length.

For stitched booklets, individual sheets are then bypassed through the Stacker 566 and the Feeder 568 delivers them in sequence to the Smart-binder. There, each sheet is individually scored, folded and collated into a set, then stitched and trimmed to create a finished booklet, with or without a printed cover.

For near-line or off-line finishing, the Stacker 566 builds 8.5" stacks. Using the most advanced technology available, stacks created with the Sheeter 568 system are clean and tightly trimmed. Once paper is accurately cut and

stacked, each book block can be delivered to the conveyor one at a time, individually offset within the stack or when the operator-programmed stack height is reached. Stacks are delivered 1-up, 2-up or 3-up, and can then be easily transported to near-line finishing units, such as Binders or Stitchers.

Output delivery options are easily switched with no movement of modules, to offer the flexibility you need for your print on demand applications. All components are modular, compact, and are designed to dramatically improve workflow.

Optional Capabilities

Lightweight Paper

For lightweight paper applications, add the optional Buffer 530 to the Sheeter 568 system. Positioned between the printer and the Cutter 561, the Buffer 530 accumulates the lightweight paper web and weaves it through rollers that rise and fall, filling the buffer and allowing job delivery without stopping the printer.

Slit Merge

The Merger 535 option allows a 2-up printed web to be slit and merged into a single, collated paper stream. Positioned between the printer and the Cutter 561*, the web enters the Merger 535 and is slit in the center. A sensor continuously monitors the web for side-to-side variations or movement and the slitter automatically adjusts to cut precisely at the center of the web. The resulting two webs are



Merger 535

then merged right-over-left or left-over-right, depending on the requirements of the application.

*Pinless slit merge applications require the Cutter 562.

Cutter 562

Same features as the Cutter 561, plus the ability to process pinless slit merge applications.

Specifications

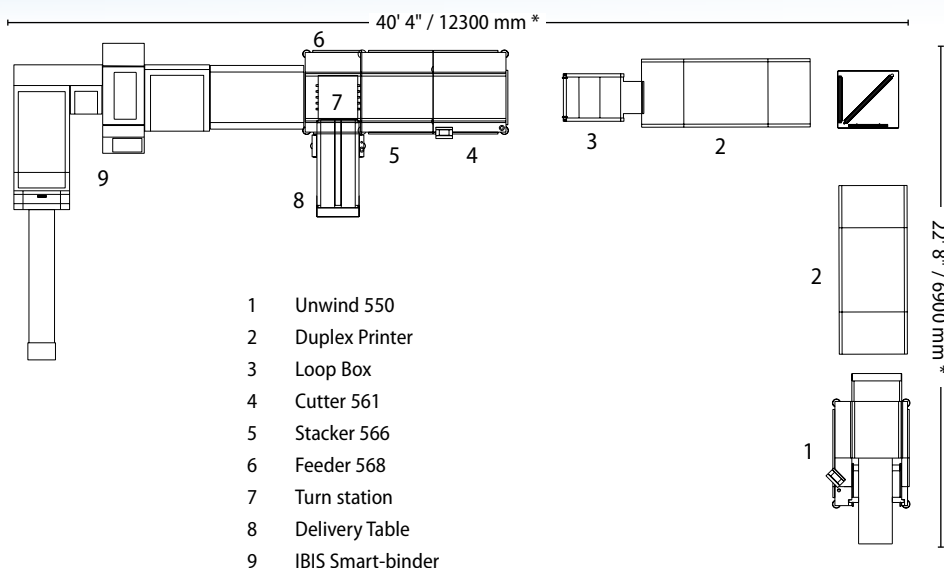
Performance / Media-Stacking

Speed Max.	450 ft/min	2.25 m/sec
Feeding	Pinfed or pinless	
Paper weight	11# bond-110# index	40-200 gsm <small>(Testing mandatory for paper less than 55 gsm)</small>
Web width	5.5"-20.5"	140 mm-520 mm
Form length	3.5"-19.5"	90 mm-495 mm
Stack Height	Max. 8.5"	216 mm
Output options	1-, 2-, 3-up with offset	

Stitching

Speed	6000 books per hour	
Sheet width	9.4"-17.5"	238 mm-450 mm
Book width	4.7"-8.75"	119 mm-225 mm
Spine length	4"-12.5"	97 mm-320 mm
Paper weight	14-35# bond	50-130 gsm
Book thickness	2-50 sheets	Max. 10 mm

Configuration Example



*Length will vary by printer model.

