

# Stack 566

PACIFIC  
series



The Stack 566 solution includes the Unwind 550, Cutter 561, Stacker 566 with optional Buffer 530 or Merger 535.

- Speeds up to 450 fpm
- Lightweight paper
- Alternate delivery options
- Three-up books
- Pinless slit merge

## High performance cut stacks

Rely on the Pacific series Stack 566 for high performance cutting and stacking from web-fed digital printers. Running at speeds up to 450 feet per minute, the Stack 566 is an ideal solution for print on demand and transactional printers who want to be well positioned for today and for tomorrow.

Whatever your printing needs, the versatile Pacific series Stack 566 is your solution. For near-line finishing of print on demand applications, the Stack 566 produces 1-up, 2-up or 3-up stacks effortlessly. Or, for billing and statement applications, the Stack 566 can create pinfed or pinless slit merged stacks. The Stack 566, configured to match your requirements, includes the

latest technology in rotary cutting, stacking and job offsetting. A broad range of basis weights is supported, from 11 to 54# bond or 40 to 200 gsm. Stacks are well spaced for crisp, clean quality and easy removal by the operator to near-line or off-line finishers or inserters.

As with all of our products, the Pacific series Stack 566 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.

# Stack 566

The Pacific series Stack 566 solution features the Unwind 550, Cutter 561 and Stacker 566 with the optional Buffer 530 or Merger 535, and produces book blocks delivered one at a time or in offset stacks.

The center-shaft driven Unwind 550 feeds a roll of paper up to 20.5" wide and 52" in diameter into a web-fed digital printer. The Cutter 561 utilizes a rotary knife to cut printed output in up to 19.5" lengths. It also may slit the web for 2-up or 3-up forms. The Stacker 566 builds up to 10"-tall stacks of sheets. An electronic printer signal or a printed mark triggers set separation. Stacks created with the Stack 566 solution are neat, well-spaced apart and tightly trimmed for reliable off-line processing.

Once paper is accurately cut and stacked, each job can be delivered to the conveyor one at a time, individually offset within the stack or when the operator-programmed stack height is reached. 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 Stack 566 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.



Buffer 530

After the paper is cut, the Stacker 566 has been specifically designed to appropriately handle the lightweight stock. The Stacker 566 is equipped with an anti-static mechanism essential to successful handling of lightweight webs and a controlled sheet stop device designed to reduce the sheet speed to prevent damage to the paper's sensitive edges.

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



Merger 535

\*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.

### Web Vision™

Inspect print, data and workflow quality.

## Specifications

### Performance / Media

<b>Speed Max.</b>	450 ft/min	2.25 m/sec
<b>Feeding</b>	Pinfed or pinless	
<b>Paper weight</b>	11–54# bond	40–200 gsm
	<small>(Testing mandatory for paper less than 55 gsm)</small>	
<b>Web width</b>	5.5"–20.5"	140 mm–520 mm
<b>Form length</b>	3.5"–19.5"	90 mm–495 mm
<b>Stack Height</b>	Max. 10"	250 mm
<b>Offset</b>	0.6"	15 mm
<b>Output options</b>	1-, 2-, 3-up with offset	

### Electrical

<b>Power</b>	208 VAC, 1 Phase, 15A, or 200–240 VAC 50/60 Hz, 10A
--------------	--------------------------------------------------------

## Configuration Example

