



## Stack 566

### High performance cut & stacks



*The Stack 566 solution includes the Unwinder 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**

Rely on the 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 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.

LasermxRoll solutions increase productivity, cut labor and paper costs, and even make new applications possible. Global service and around-the-clock support help ensure our reputation as the industry's reliability leader. Innovative products combined with award winning support and service make LasermxRoll the essential partner for your print operation.



# Stack 566

## High performance cut & stacks

The Stack 566 solution features the Unwinder 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 Unwinder 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.

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.



Buffer 530

#### 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.

\*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.



Merger 535

## Technical Specifications

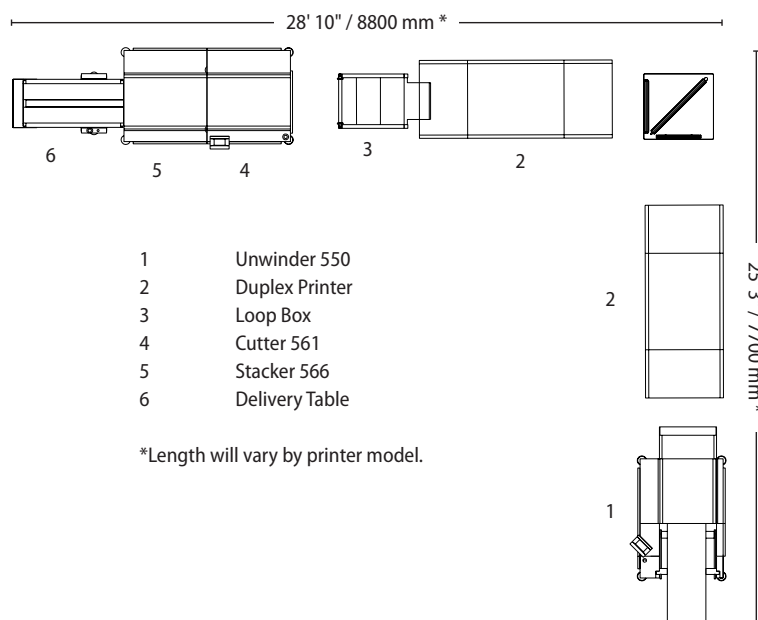
### Performance / Media

Speed Max	450 ft/min	137 m/min
Printer Speed	350 ft/min	106 m/min
Feeding	Pinfed or pinless	
Paper Weight	11 - 54# bond (testing mandatory for paper less than 55 gsm)	40 - 200 gsm
Web Width	5.5" - 20.5"	140 mm - 520 mm
Form length Special	3.5" - 19.5" up to 28"	90 mm - 495 mm up to 710 mm
Stack Height	Max. 10"	250 mm
Offset	0.6"	15 mm
Output options	1-, 2-, 3-up with offset	

### Electrical

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

## Configuration Example



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