Stack 2230

for color printers

PACIFIC series

The Stack 2230 high-speed cutting and stacking solution for color printers includes the Buffer b20, Cutter c22, and the Stacker s30.

- **Speeds up to 425 fpm**
- **Full bleed variable strip cut**
- **TransPromo and Graphic Arts**
- **Flexible control of waste pages**
- **Document integrity control**

High-speed color, flexible cutting

Get unprecedented reliability for high performance cutting and stacking from the latest color web-fed digital printers. Using dual rotary technology for precise cutting at speeds up to 425 feet per minute, the Pacific series Stack 2230 for color printers is an ideal solution for printers who want to be well positioned, ensuring speed compatibility with color printers for today and tomorrow.

Whatever your printing needs, the versatile Stack 2230 is your solution. Effortlessly produce full color print on demand applications as 1-up, 2-up or 3-up stacks ready for distribution or near-line finishing. For TransPromo applications, create 2-up merged stacks with professional full bleed variable cuts ready for mailing. The integrated stacking buffer keeps throughput at maximum levels.

Featuring our new Smooth-Web™ motion technology, the Stack 2230 reliably supports a broad range of media without sacrificing production speed. An intuitive, touch-screen control panel and ergonomic design make operator adjustments quick and easy. Non-data sheets can be automatically diverted to the waste bin or separated on the conveyor.

As with all of our products, the Pacific series Stack 2230 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.

LasermaxRoll SYSTEMS

The Essential Partner to Print

Stack 2230

for color printers

The Pacific series Stack 2230 system for color printers operates in-line or near-line with web-fed digital printers at speeds up to 425 ft/min. The system delivers 1-up, 2-up or 3-up offset stacks with variable full bleed cuts utilizing the Buffer b20, Cutter c22 and Stacker s30 modules. The optional Merger m20 allows 2-up print to be delivered in a single collated stack ready for inserting.

All modules in the Stack 2230 system incorporate Smooth-Web™ motion technology to gently transport paper from the printer to stacked output. This synchronization of the entire web to changes in speed provides unprecedented reliability and drastically reduces the likelihood of any paper jams.

After printing, the Buffer b20 accumulates the paper web and weaves it through rollers that rise and fall, filling the buffer and ensuring that stack deliveries will never stop the printer.

Next, the Cutter c22 has dual rotary knives to sheet the web using single cut or variable double strip cut for full bleed color printing. Center slitting is also performed for 2-up or 3-up print streams. The intuitive, touch-screen display controls the entire line and common operator adjustments are easily accessible even while running.

The Cutter c22 instantaneously offsets the entire web horizontally to separate jobs or book blocks before sheets enter the stacker.

The Cutter c22 also features intelligent document integrity control to automatically recognize non-data or waste sheets and can divert these to its internal waste bin or separate the waste sheets on the delivery conveyor. The Cutter c22 automatically maintains registration to the first printed page so no live print pages are wasted.

Following the Cutter c22, sheets enter the streaming section of the Stacker s30 where they are gently decelerated. In addition, each stream is precisely aligned and separated with sheets gliding smoothly onto the stack. This patent pending design maximizes control of the sheets and enables use of a wide range of media at high speeds. Perfect document quality is maintained by minimizing contact with the printed surface and preventing damage to the paper's sensitive edges.

The Stacker s30 builds up to 10"-tall stacks of sheets and has an integrated buffer for non-stop deliveries. Each job can be delivered to the conveyor one at a time, individually offset within the stack or delivered when the operator-programmed stack height is reached. Stacks created with the Pacific series Stack 2230 solution are neat, well-spaced apart and precisely trimmed with full bleeds ready for distribution.

Optional Capabilities

Merger m20

Slit Merge

The Merger m20 option allows a 2-up printed web to be slit and merged into a single, collated paper stream. Positioned before the Cutter c22, the web enters the Merger m20 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

Specifications

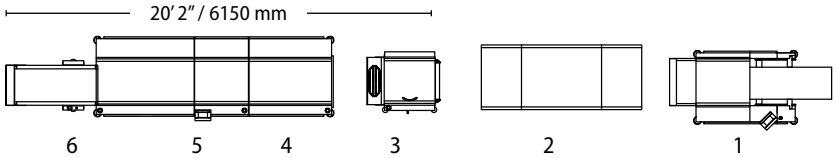
Performance / Media

Printer Speed	425 ft/min	2.2 m/sec
Max. Speed	450 ft/min	2.3 m/sec
Feeding	Pinfed or pinless	
Paper weight	minimum 55 gsm	
Web width	6"–20.5"	150 mm–520 mm
Form length	8"–18"	200 mm–457 mm
Strip cut	1/8"–3/4" *(speed and paper dependent)*	3 mm–19 mm
Stack Height	Max. 10"	250 mm
Offset	0.6"	15 mm
Output options	1-, 2-, 3-up, and slit merge	

Electrical

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

Configuration Example



1 Unwind 550
2 Printer
3 Buffer b20
4 Cutter c22
5 Stacker s30
6 Delivery Table

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