



Stack 2320 for color printers

Continuous full color variable cut and stack



The Stack 2320 cutting and stacking solution for color printers includes the Buffer 530, Cutter c23, and the Stacker s20.

- ✓ **Speed up to 450 fpm**
- ✓ **Full bleed variable strip cut**
- ✓ **Flexible control of waste pages**
- ✓ **1-up, 2-up & 3-up offset stack**
- ✓ **TransPromo and Graphic Arts**
- ✓ **Document integrity control**

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 450 feet per minute, the Stack 2320 for color printers is an ideal solution for printers who want to be well positioned, ensuring compatibility with color printers for today and tomorrow.

Whatever your color printing needs, the versatile Stack 2320 for color printers 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 Stack 2320 features our new Smooth-Web™ motion technology to reliably support 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.

Global service and around-the-clock support help ensure our reputation as the industry's reliability leader. Our products increase productivity, cut labor and paper costs, and even make new applications possible - TecnaU solutions truly empower digital print to help you do more with less.



Stack 2320 for color printers

Continuous full color variable cut and stack

The Stack 2320 system for color printers operates in-line or near-line with web-fed digital printers at speeds up to 450 ft/min. The system delivers 1-up, 2-up or 3-up offset stacks with variable full bleed cuts utilizing the Buffer 530, Cutter c23 and Stacker s20 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 2320 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 530 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 c23 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 panel controls the entire line and common operator adjustments are easily accessible even while running. The Cutter c23 instantaneously

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

The Cutter c23 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 c23 automatically maintains registration to the first printed page so no live print pages are wasted.

Following the Cutter c23, sheets enter the Stacker s20 where they are precisely aligned and separated with sheets gliding smoothly onto the stack. Perfect document quality is maintained by minimizing contact with the printed surface and preventing damage to the paper's sensitive edges.

The Stacker s20 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.

Optional Capabilities

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 c23, 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.



Merger m20

In-line Finishing

The Feeder 568 option delivers individual sheets from the Cutter c23 to a third-party finishing device such as a saddle-stitcher or signature folder. It is installed in conjunction with the Stacker s20 to also allow normal offset stacking, thus providing users with high finishing flexibility.



Feeder 568

Technical Specifications

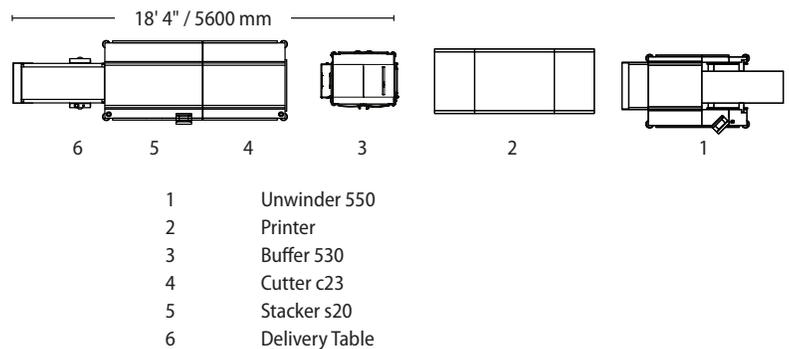
Performance / Media

Printer speed	425 ft/min	130 m/min
Max. Speed	450 ft/min	137 m/min
Feeding	Pinfed or pinless	
Paper weight	14.5# bond - 140# index, 55 - 250 gsm <i>(paper dependent, above 200 gsm requires application review)</i>	
Web width	6" - 20.5"	150 - 520 mm
Form length special s28	8" - 18" up to 28"	204 - 457 mm up to 711 mm
Strip cut:	1/8" - 3/4"	3,2 - 19 mm <i>(speed and paper dependent; above 19mm requires application review)</i>
Gutter cut	Adjustable between: 6, 8, 10 and 12mm	
Stack height	Max. 10"	250 mm
Offset	0.6"	15 mm
Output options	1-, 2-, 3-up, slit merge and sheet transfer to following device	

Electrical

Cutter c23	400 - 480VAC, 20A, 3-Phase, 50/60 Hz
Other modules	200 - 240 VAC 50/60 Hz, 10A or 208 VAC, 1 Phase, 15A

Configuration Example



TECNAU
w w w . t e c n a u . c o m

Europe	Italy	+39 0125 631678	info.it@tecna.com
	Sweden	+46 372 256 00	info.se@tecna.com
Americas	USA	+1 978 608 0500	info.us@tecna.com
Asia Pacific	China	+86 159 00710147	info.cn@tecna.com
	Singapore	+65 6793 9478	info.sg@tecna.com