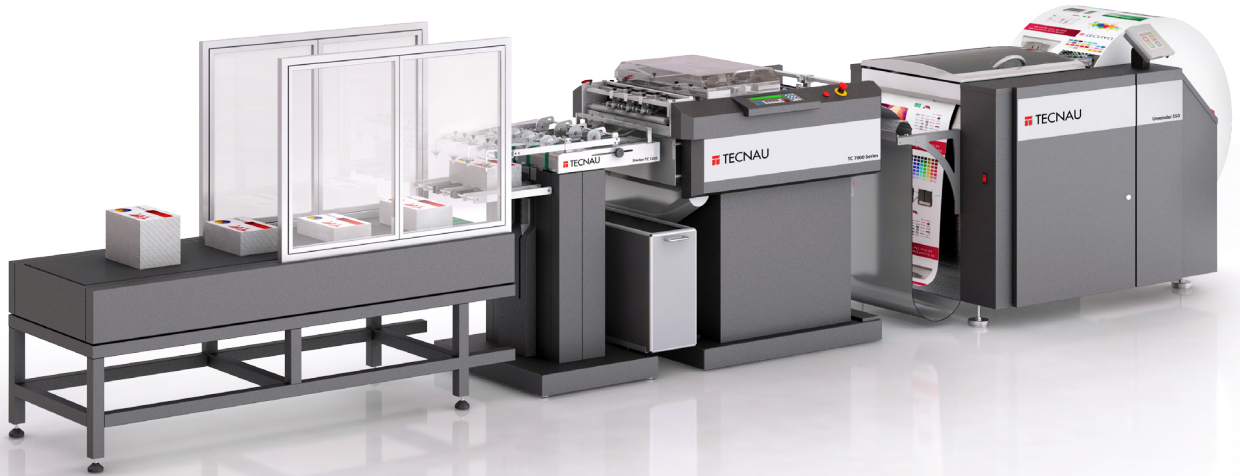# Stack 1200
Modular solution with flexible output

The Stack 1200 is composed by the Unwinder 550, Simpla Cutter TC 1000 or TC 7000, Stacker TC 1200, Delivery Table TC 0300 with optional merging modules

- ✓ **Speed up to 430 fpm**
- ✓ **Single or double cut**
- ✓ **1-up, 2-up or slit-merge output**
- ✓ **Set by set delivery**

Rely on the Stack 1200 for performance cutting and stacking from web-fed digital printers. Running at speeds up to 430 feet per minute (130 m/min), the Stack 1200 is an ideal solution for printers who are looking for flexibility and automation, with a solution which ensure compatibility with both monochrome and color printers for today and tomorrow.

Whatever your printing needs, the versatile Stack 1200 is your solution. Effortlessly produce print on demand applications as 1-up & 2-up stacks ready for near line binding. For statements or TransPromo applications, create 2-up merged stacks from pinfed or pinless paper. The Stack 1200, can be configured to match your requirements, of cutting, and stacking. A broad range of basis weights is supported, from 16# bond to 83# cover (60 to 220 gsm). Stacks are well spaced for crisp, clean quality and easy removal by the operator to near-line or off-line finishers or inserters.

Tecnau cutters can be equipped with different cartridges with single or double knife -for single cut and strip removal- to support a broad range of applications. Tecnau cartridges have a unique design which enables quick application changeover and easy on site maintenance.

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.

TECNAU
Empowering Digital Print

Stack 1200
Modular solution with flexible output

The Stack 1200 solution features the Unwinder 550, Simpla Cutter 1000 (pinfed) or TC 7000 (pinless), Stacker TC 1200 and Delivery Table TC 0300 with the optional Merging modules, and produces book blocks delivered one by one.

The center-shaft driven Unwinder 550 feeds a roll of paper up to 20.5" wide and 52" in diameter into the Cutter TC 1000 or TC 7000, which trim and cut the printed output utilizing a guillotine technology.

The Stacker TC 1200 builds up to 2.000 sheet stacks, which are delivered to a pack conveyor system when a separation mark is detected by a OMR or 2D code reader.

All components are modular, compact and are designed to dramatically improve work-flow.

As with all of our products, the Stack 1200 solution 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 Tecnau the essential partner for your print operation.

Optional Modules

TC 1105 Merger
Merge continuous web before cutting with job separation of even number of pages

DLS 101 Dynamic Linear Sequencer
Merge loose sheets after cutting with job separation of even and uneven number of pages.

Merger
TC 1105

Technical Specifications

Performance / Media

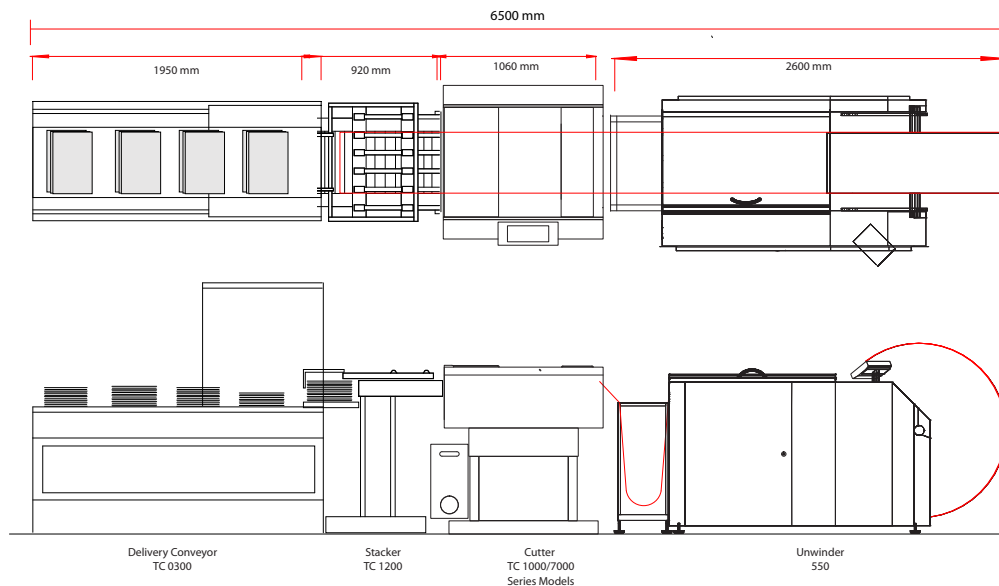|		
Speed Max	430 ft/min	130 m/min
	(depending on cutter model selected)	
Feeding	Pinfed with TC 1000 Cutter Models	
	Pinless with TC 7000 Cutter Models	
Paper Weight	16# bond 83# cover 60 - 220 gsm	
	above 220 gsm requires application review	
Web Width	5,5" - 20,5"	140 mm - 520 mm
Form Length	4" - 16"	102 mm - 406 mm
Stack Height	2.000 sheets	
Offset	N/A	
Strip Cut	Single and double cut with different sizes, interchangeable cartridges	
Output Options	1-, 2-up, slit merge	

Electrical

Power	40 Vdc/24 Vdc supplied by the cutter

Approvals

	2006/95/ CE - 2006/42/ CE - 2004/108/ CE EN 12100:2010; EN 60204-1:2006; EN 61000-6-2:2005; EN 61000-6-4:2007

Configuration Examples

6500 mm

1950 mm   920 mm   1060 mm   2600 mm

| Delivery Conveyor TC 0300 | Stacker TC 1200 | Cutter TC 1000/7000 Series Models | Unwinder 550 |

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

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