PhotoReady
Convenient photo cutting/stacking

Finishing solution for

fully trimmed and stacked photos

✓ *Formats from 4" x 4" to 18" x 60"*

✓ *1-up, 2-up , 3-up & 4-up printing mode*

✓ *Speed up to 60 m/min (200 ft/min)*

✓ *Minimizes waste*

Cut and stack digitally-printed photographs over a broad range of finished sizes. PhotoReady™ slits and cuts pre-printed (and laminated) rolls into fully trimmed output, grouped according to the printing order and delivered to a stacker or a shingling conveyor.

A wide range of formats is supported, from 4" x 4" to 18" x 60", printed in 1-up, 2-up, 3-up and 4-up modes.

PhotoReady features 2D Datamatrix recognition for group stacking, modular design for easy maintenance, and cutting speed and paper acceleration control, making this solution reliable and flexible for every kind of photo application.

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

PhotoReady
Convenient photo cutting/stacking

The PhotoReady™ solution consists of the Unwinder u9, Cutter TC 7000 TS, 90° Rolling Table TC 7007 RT, Pile Stacker TC 1230, Exit Conveyor TC 0330 (or the optional Shingling Conveyor TC 0250). The system effortlessly produces stacks of photos of variable height at speeds up to 60 m/min (200 ft/min).
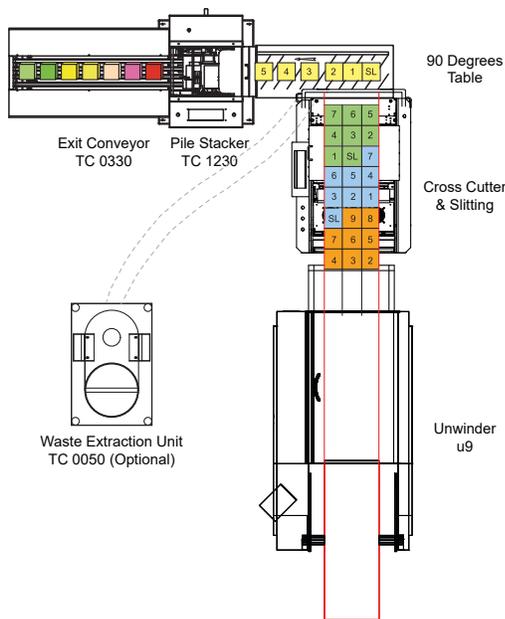
The center-shaft driven Unwinder u9 feeds a large diameter roll for many hours of continuous, uninterrupted printing. The Unwinder u9 handles coated and uncoated papers, offering consistent, reliable feeding with enlarged cylinders to prevent damage even to the heaviest papers.

Once printed, the Cutter TC 7000 TS performs gutter cuts and side trims depending on the imposition chosen. A 2D Datamatrix reader sets cut lengths and numbers of sheets per block, and provides blank paper info. After cross cutting, scraps are delivered to a waste container under the cutter and removed by the TC 0050 Vacuum. Blank paper is piled in stacks and delivered to the Exit Conveyor (short lengths under 2 meters may be diverted to a tray under the TC 7000 TS).

Left to right selective photo ejection is then performed on the 90° Rolling Table which connects the Cutter to the Stacker. The Table width is manually adjustable to fit different photo formats.

Once in the Pile Stacker, sheets are compressed, curled and delivered to the Exit Conveyor where they can be removed by the operator

Technical Specifications

Paper Specifications

Speed max.	on Stacker	100 ft/min	30 m/min
	on Shingling	200 ft/min	60 m/min
Feeding		Pinless	
Paper weight	on Stacker	130 - 212 text	185 - 300 gsm
	on Shingling	40 - 246 text	60 - 350 gsm
Web width		20" max	508 mm max
Form sizes	on Stacker	4" x 5" to 6" x 8"	102x127 to 152x203 mm
	on Shingling	4" x 4" to 18" x 60"	102x102 to 457x1524 mm
		widths ≥ 2/3 length	
Printing mode		1-up, 2-up, 3-up & 4-up	

Cut & Stack Specifications

Edge trimming	0.2" - 2"	5 - 50 mm
Gutter width	0.12"	3 mm
	Other gutter widths are available upon request	
Strip cut	Programmable or fixed	
Stacking height	0.8" (*100 photos ~*)	20 mm max

Size and Weight

Length (with Shingling)	197" (256")	5000 mm (6500 mm)
Width	181"	4600 mm
Height	55"	1400 mm

Electrical & Air

Power	on Stacker	230V/110V, 50/60 Hz, 5.7 kVa, 25 A
	on Shingling	230 V/110V, 50/60 Hz, 2.7 kVa, 12 A
Air		5 l/min @ 6/8 bar

Configuration Example

- 90 Degrees Table
- Exit Conveyor TC 0330
- Pile Stacker TC 1230
- Cross Cutter & Slitting
- Waste Extraction Unit TC 0050 (Optional)
- Unwinder u9

Optional Capabilities

Shingling Conveyor

A Shingling conveyor for large paper formats can be implemented after the Cutter TC 7000 TS to further expand your possibilities, allowing you to produce year books, calendars, covers, dust jackets, posters, banners, portraits and many more applications.

- Waste Extraction Unit TC 0050 (Optional)
- Shingling Conveyor 1-up, 2-up, 3-up
- Cross Cutter & Slitting
- Unwinder u9
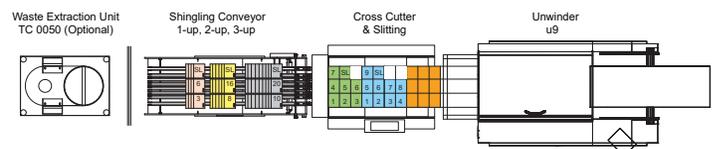
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