Processor Products

TC 1750 HS

Continuous Tractor Punching and Fanfold Perforator

Continuous Tractor Punching

and Fanfold Perforator

TC 1750 HS

- ✓ ***Speed up to 230 m/min (750 ft/min)***
- ✓ ***Variable punching wheel distance***
- ✓ ***Programmable cross perforations***
- ✓ ***Micro controlled perfs for perfect fanfold***
- ✓ ***On board tensioner/detensioner*** *(optional)*
- ✓ ***Very small footprint***

Tecnau has applied advanced technology to the standard tractor hole punching and fanfold perforation process. With this advanced TC 1750 HS, operators no longer need to swap out heavy gears to change perforation spacing. The operator simply chooses the appropriate length on the touch-screen control panel.

The TC 1750 HS may be configured either before or after the high speed digital printer. The new post-printer configuration eliminates any possible risk of contamination of printing heads from paper dust generated by the punching or perforating process.

Whether before or after the printer, the TC 1750 HS is equipped with a vacuum system to clean the web and prevent paper dust from being transferred to the following process.

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

TC 1750 HS

Continuous Tractor Punching and Fanfold Perforator

The TC 1750 HS is a versatile solution designed for Roll-to-Roll or Roll-to-Stack (FanFold) applications, operating inline or nearline with laser and digital inkjet presses. Engineered for precision and efficiency, the TC 1750 HS combines dual-side pinfeed punching with a rotating blade cylinder for fanfold perforations.

The system is microprocessor-controlled, ensuring exact punching and perforation with automatic synchronization to registration marks or punch holes. Its display and keyboard interface allow for easy programming, access to system information, and simplified service activities.

Flexibility is a core feature: the machine comes equipped with two tractor hole punch wheels as standard, while two additional wheels can be added to support dual-stream pinfeed punching. For added versatility, the punch wheels can be bypassed when fanfold perforation alone is required. For users seeking pinfeed punching without fanfold perforation, the TC 1750 P HS version offers an ideal alternative.

Designed to meet the needs of today's high-speed digital printing operations, the TC 1750 HS features modular, compact components that streamline workflows while maintaining a small footprint. It integrates seamlessly with the most advanced digital printers on the market and can be adapted to meet diverse production requirements. Combined with Tecnau's award-winning support and service, the TC 1750 HS is a reliable and innovative solution that enhances productivity and reduces manual intervention.

Optional Capabilities

Onboard Web Tensioner/Detensioner

An optional Web Tensioner ensures optimal handling of loose web input, while a Detensioner manages loose web output for seamless integration with subsequent finishing modules. Both options are available onboard, reducing the overall footprint of the print line.

TC 1707 MPD

The Mark Printing Device enables synchronization with printers that do not support registration to tractor holes, ensuring seamless compatibility with a wide range of systems.

Tecnau Connect

Tecnau Connect consists of a touch screen PC and software to control one or multiple post processing and finishing lines. The operator can visualize, set up and control each machine from one single access point, simplifying its activity and reducing the time needed to set-up and monitor the production area.

TECNAU CONNECT

Technical Specifications

Performance / Media

Speed max	750 ft/min	230 m/min
	when installed before the printer and with no Mark Printing Device, or 150 m/min (500 ft/min) in other configurations	
Paper weight	10.67# Bond - 10 Point, 40 - 250 gsm	
	paper weight may vary depending on the application selected	
Web width	4" - 22"	102 - 560 mm
Punch wheel dist.	4.5" - 20.5"	114 - 521 mm
Punch hole diam.	0.16"	4 mm
Punch hole dist.	1/2"	12.7 mm
Perforation dist.	7" - 20" at max speed	178 - 508 mm
Processing	1-up, 2-up, 4-up	

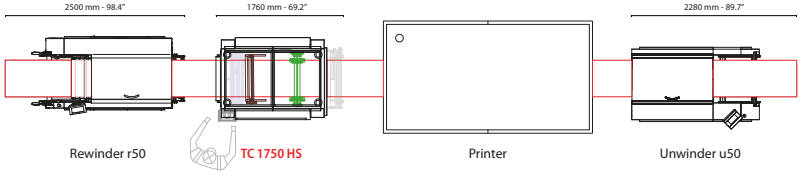
Dimensions

Length	62.9"	1597 mm
Width	43.3"	1100 mm
Height	52.3"	1328 mm
Weight	2205 lb	1000 kg

Electrical

	US	EU
Power	3Ph, 480Vac, 60Hz, 8A	3Ph, 400Vac, 50Hz, 10A
Air	20 litres/min @ 4 bar pressure	

Configuration Example



Application Example

TECNAU
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Europe	Italy	+39 0125 631678	info.it@tecnau.com
	Sweden	+46 372 256 00	info.se@tecnau.com
	Germany	+49 171 75 13 777	info.de@tecnau.com
Americas	USA	+1 978 608 0500	info.us@tecnau.com
Asia Pacific	Singapore	+65 6793 9478	info.sg@tecnau.com