



TC 1550 HS DP1

Dynamic Punching Unit



Dynamic Punching unit for 2-up production

- ✓ *Two punching wheels for 2-up production*
- ✓ *2, 3 or 4 holes pattern per wheel*
- ✓ *Speed up to 150 m/min for 12" forms*
- ✓ *Read & Punch On The Fly*
- ✓ *On board tensioner/detensioner (optional)*

The TC 1550 HS DP1, dynamic punching unit is the perfect solution to produce reliable documents with accurate punching patterns for easy paper handling and storage.

The TC 1550 HS DP1 has 1 punching device, with two independent punching wheel for 2-up applications. Wheels can be equipped with 2, 3 or 4 punching patterns to fit different applications.

The TC 1550 HS DP1 performs punching patterns through a OMR, Barcode or Datamatrix reader to ensure on-the-fly application jobs

and maximum flexibility. A vacuum system is integrated into the unit to clean the web and prevent that paper waste is transferred to the following processes.

Tecnau solutions increase productivity, cut labor and paper costs, and even make new applications possible. Global service and around-the-clock support help ensure our reputation as the industry's reliability leader. Innovative products combined with award winning support and service make Tecnau the essential partner for your print operation.



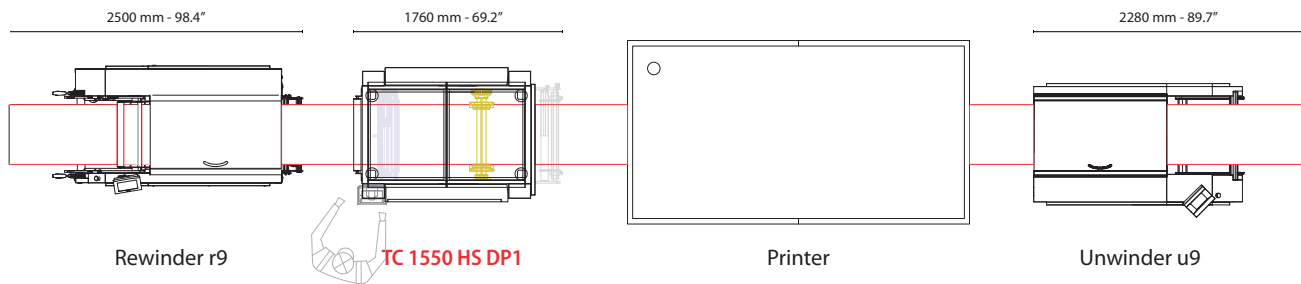
TC 1550 HS DP1

Dynamic Punching Unit

The Dynamic Punching TC 1550 HS DP1 has been developed to work with tight or slack paper webs, in line with Laser Printers, high speed inkjet Digital Printing Systems and finishing equipments. The main feature for this product are:

- ✓ One punching device, with two independent punching wheels for 2-up applications.
- ✓ The punch device is activated by 1D or 2D code reading with start/stop motion performing the punch pattern.
- ✓ Different hole diameters available on the same punching wheel (1/4" - 3/8" DIA).
- ✓ Manual adjustment of the vertical file holes line at the paper web position.
- ✓ Programmable punching position.
- ✓ Punching position microprocessor controlled by OMR or Bar Code or D-Matrix readers.
- ✓ "Read & Punch On The Fly" software for automatic detect and perform the applications, switching from one application to another within one sheet module.
- ✓ Up to 89 different applications can be stored.
- ✓ Automatic synchronization after blank paper.
- ✓ Display and keyboard for programming, information and services.
- ✓ Parallel and serial interface.

Configuration Example



Technical Specifications

Performance / Media

Speed Max	500 ft/min	150 m/min
Feeding	Pinless	
Paper weight	28# - 177# text	40 - 250 gsm
Web width	4" - 22"	102 - 560 mm
Web process width	4" - 20.5"	102 - 521 mm
Punching App.	Standard European	2 or 4 holes at 80 mm <i>(Other applications are available on request)</i>

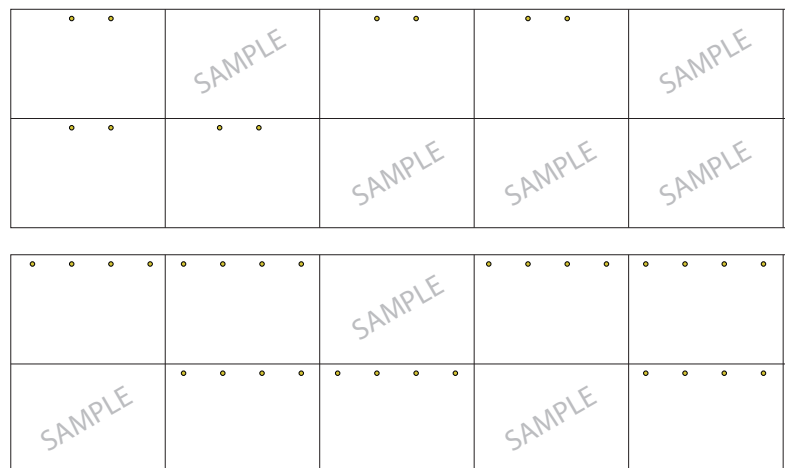
Electrical

Power	EU: 3Ph+PE, 400Vac, 50Hz, 18A US: 3Ph+PE, 480Vac, 60Hz, 15A	
Air	20 litres/min @ 4 bar pressure	

Dimensions

Length	60.4"	1534 mm
Width	48"	1220 mm
Height	56"	1421 mm
Weight	1543 lb	700 kg

Application Examples



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