Processor Products

# TC 1770

## Continuous Punching, Fanfold and Static Perforator


*Continuous Punching, Fanfold and Static Perforator TC 1770*

- ✓ ***High speed up to 150 m/min***
- ✓ ***Variable punching distance***
- ✓ ***Fanfold perforation***
- ✓ ***Static cross perforation***

Tecnau has applied advanced technology to the standard tractor hole punch/fanfold perforating processing. With this advanced TC 1770, 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 1770 is equipped with an additional cross perforation cylinder in comparison with the TC 1750. The perforation position is also programmable from the control panel and can be easily changed job by job. This feature allows increased flexibility and a broader range of applications, making it possible to run static giro perf or coupon perf with a single processing unit.

The TC 1770 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 1770 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*

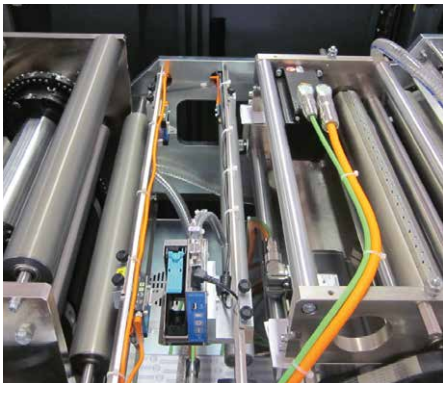
# TC 1770

## Continuous Punching, Fanfold and Static Perforator

The TC 1770 Punch & Perf has been designed to work in line from Roll to Roll or Roll to Stack (Fanfold) applications. The main features of the Continuous Punching Fanfold and Static Perforator are:

- ✓ Two side punching devices.
- ✓ Punching distance can vary from a minimum of 7.5″ to a maximum of 21.5″.
- ✓ Two independent cross perforation cylinders
- ✓ Rotating blade for cross perforation.
- ✓ Programmable cross perforation position, from 7″ to 20″ intervals, at the maximum speed.
- ✓ Microprocessor controlled.
- ✓ Paper speed: up to 150 m/min.
- ✓ Register mark printing device.
- ✓ Automatic synchronization on register mark or punch hole.
- ✓ Paper exit: slack web or tight web.
- ✓ In line connection with laser and digital printers.
- ✓ Display and keyboard for programming, information and services.

Two tractor hole punch wheels are standard; two more wheels may be added for two-stream pinfeed punching. Punch wheels can be bypassed if fanfold perforating only is required.



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

As with all of our products, the TC 1770 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 Capabilities

### TC 1707 MPD

Mark printing device is available to allow synchronization with certain printers that do not support registration to tractor holes.

### PrePost Manager

PrePost Manager 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.

## Technical Specifications

### Performance / Media

| | | |
|---|---|---|
| **Speed max** | 500 ft/min | 150 m/min |
| **Paper weight** | 18# bond 67# index | 70 - 120 gsm |
| **Web width** | 8″ - 22″ | 204 - 560 mm |
| **Punch wheel dist.** | 7.5″ - 21,5″ | 191 - 546 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 | |

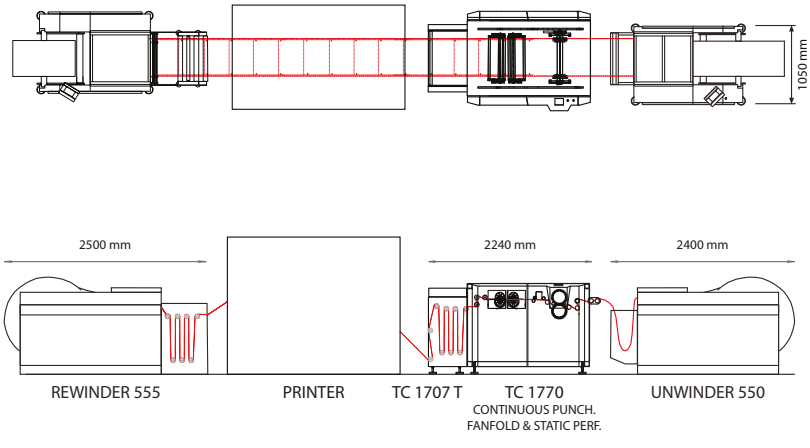
### Weight & Dimensions

| | | |
|---|---|---|
| **Length** | 88.19″ | 2240 mm |
| **Width** | 54.33″ | 1380 mm |
| **Height** | 49.61″ | 1260 mm |
| **Weight** | 2425 lb | 1100 kg |

### Electrical

| | |
|---|---|
| **Power** | 400Vac, 3-phase, 50/60 Hz, 8 A |
| **(Americas)** | 480Vac, 3-phase, 50/60 Hz, 7 A |
| **Air** | 6 bar |

## Configuration Example

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