



Fully-automatic register punching for commercial printer

The plate punch contains the rollers to transport the plate from Ctp in the plate processor. During transport and exactly when the plate is passed over the punch tools the sensor identifies the plate format, the plate comes back in Ctp direction. When the plate is in the punch tools a gripper pulls the plate on the register pins.

When the plate reaches the three register pins (accurate register system without plate electric contact), the plate is punched. The plate continues to the plate processor at slow speed (adjustable).

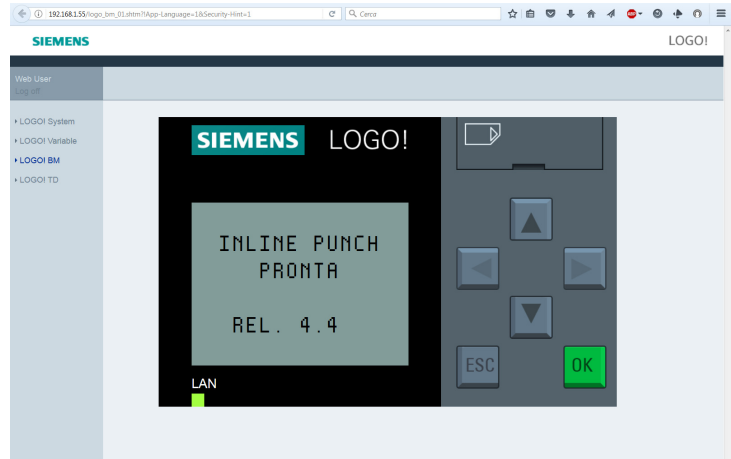
Available a model to be inserted after plate processor with included plate bender and stacker.

TECHNICAL FEATURES

- Register-true positioning of the plates by electronic controlled three point alignment.
- Processing of several plate formats possible and upgradable.
- Register punching configuration according to customer's specifications (Standard Bacher).
- Use of particular high-quality material for the manufacturing of punching tools.
- Automatic lubrication of punching does longer life cycles and burr-free register holes.
- Integration of technological high quality electronically and mechanical components.
- Transport function for send the plate directly in the plate processor without punching.
- Optical and acoustic warning.
- PLC with the display shows the operating status and errors.
- Waste container (residue of punching) with easy access at removal.
- Speed control for insert the plate in the plate processor.
- RJ 45 for connect at network
- Monitoring via Pc or Smartphone

Integrated web server for monitoring and control via WLAN and the Internet the In-Line Plate Punch

An integrated web server is available in In-Line Plate Punch for monitoring and control via WLAN and the Internet, password-protected and suitable for all conventional browsers. The web server is easy to configure via mouse click in the software absolutely no HTML programming knowledge required.



With Logo! Access Tool, now transfers the user process values into an Excel table for evaluation during operation.

 A screenshot of an Excel spreadsheet titled 'EXCEL ACCESS TOOL - Excel (Version...)' showing a table with the following data:

	A	B	C	D
1	INPUT	VALUE INPUT	OUTPUT	VALUE OUTPUT
2	STATUS	Running		
3	START-RESET	0	ALLARM	0
4	EMERGENCY	1	PUNCH	0
5	CONVEYOR	0	GRIPPER	0
6	PIN LEFT	0	SLOW ROLLERS	0
7	PIN RIGHT	0	START ROLLERS	0
8	PIN SIDE	0	INVERT ROLLER	0
9	PLATE IN	0	DOWN PUNCH TOOLS	0
10	DOWN PUNCH TOOLS	0		
11	AFTER PUNCH TOOLS	0		
12	PLATE OUT	0		
13				
14	PUNCHED	2365		
15	NOT PUNCHED	0		
16				



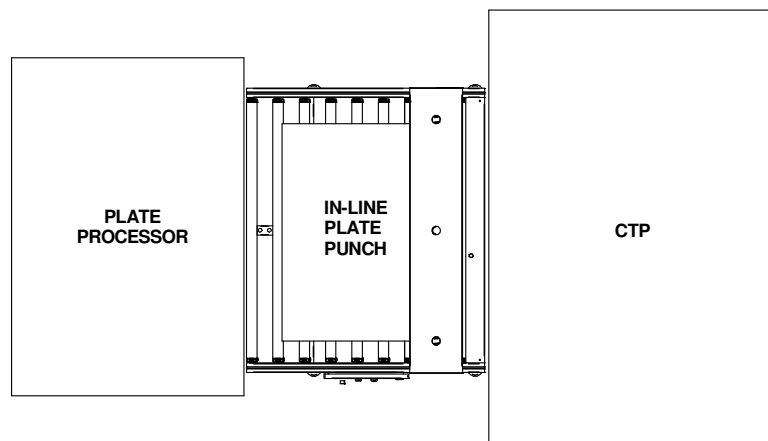
The free of charge LOGO! App enables you to monitor actual process values of your In-Line Plate Punch with a smartphone or a tablet PC via WLAN or Internet. You can monitor errors and state of In-Line Plate Punch, check input and output and set and get variables.



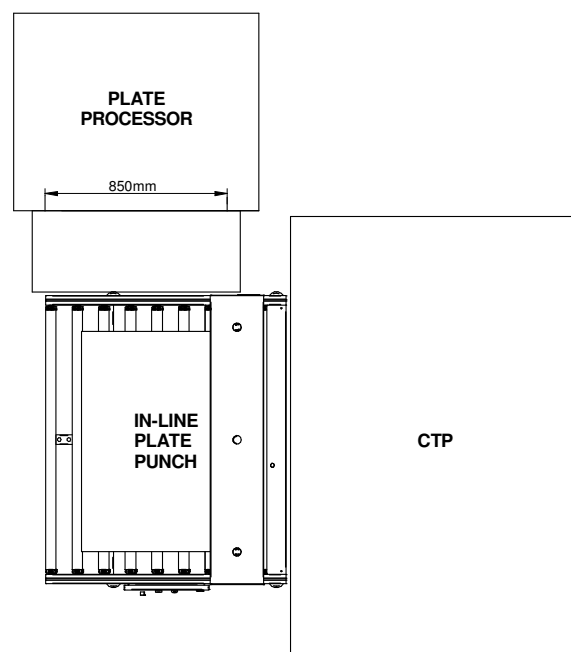
Available configurations

Standard configuration

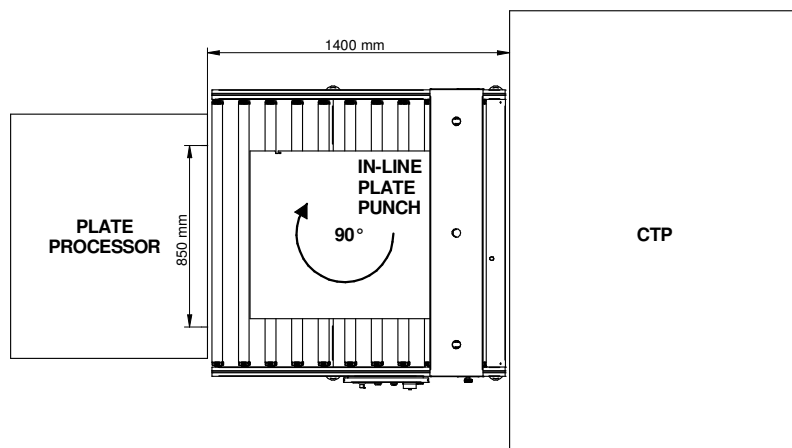
This Inline plate punch, feeds plates straight through from CtP to processor, without changing plate direction or orientation.

**Configuration with traslator**

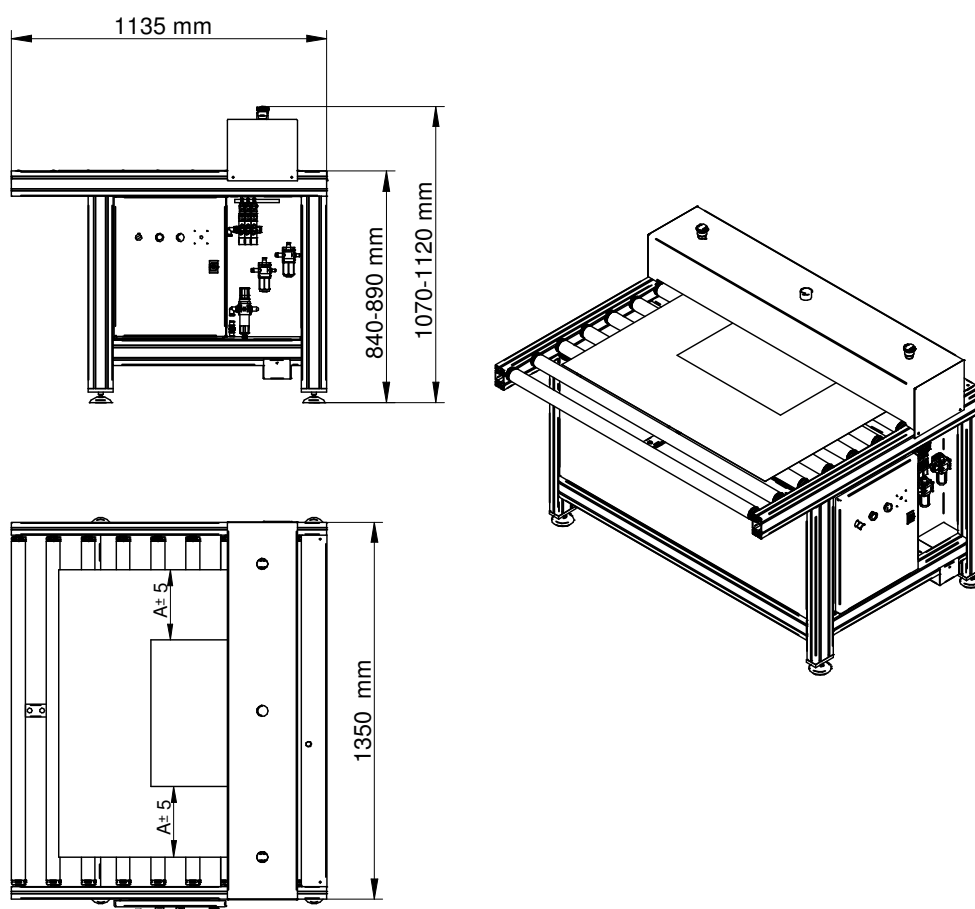
This Inline plate punch, include a plate traslator feature which automatically traslates plates. It allows to install an 850mm processors instead of a 1200mm one. It helps reducing space and chemistry. All plates are handled from the underside, so nothing touches the plate's printing surface.

**Configuration with rotator**

This Inline plate punch, include a plate rotation feature which automatically rotates plates prior to exiting. It allows to install an 850mm processors instead of a 1200mm one. It helps reducing space and chemistry. All plates are handled from the underside, so nothing touches the plate's printing surface.



Standard configuration



When the plates come out of the CTP should be centered between them ($a \pm 5$).

TECHNICAL DATA (standard configuration)

Output speed	80 plates/hours
Punch accuracy (plate edge reference)	$\pm 0,01$ mm
Plate thickness	0,15 mm-0,3 mm
Min. plate size	510x400 mm
Max. plate size	1100x900 mm
Net Weight	approx. 100 Kg
Power supply	single phase 200-240V, 50/60 Hz, 200 W
Pneumatic connection	7-10 bar (internal operating pressure 6 bar)
Air consumption	up to 1 litres / printing plate (6 bar)

The information given in this leaflet is to be considered reliable and is provided in good faith but without guarantee, subject to change without notice.