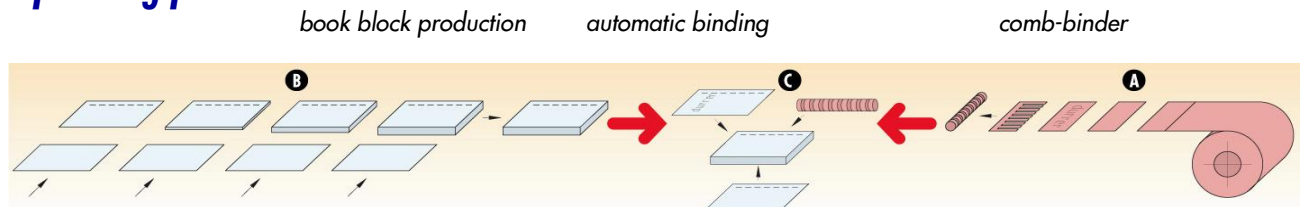


# PLABI 6 Fully automatic processing line for the plastic comb-binding



The PLABI 6 makes plastic comb binders, inclusive pre-processing of the book blocks and fully automatic binding of it. The machine consists of several basic modules and can be customized.

## Operating process



PLABI 6 consists of 3 main groups:

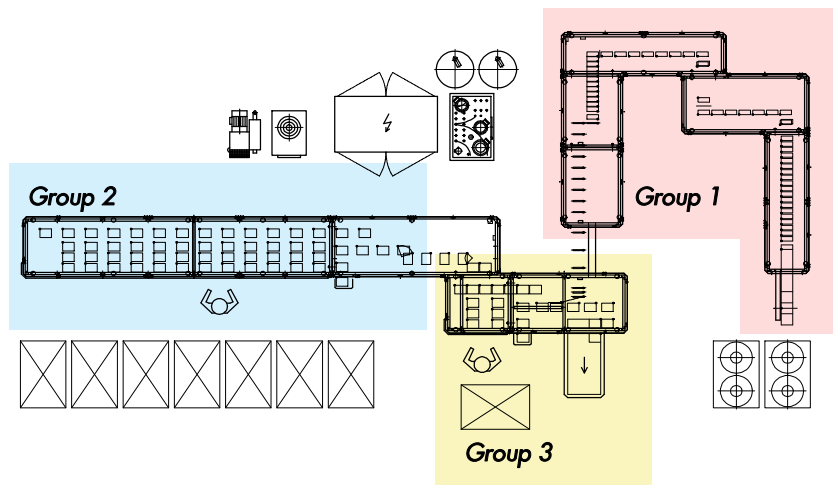
**Comb binder production from roll or magazine**

**Book block**

- gathering including binder perforation and corner perforation
- 4-side trimmer and corner rounding

**Binding**

- cover feeding
- insertion of the binder in to binder perforation in 2-sec-cycle



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## **Basic information**

<b>Final products</b>	Agendas, address books, exercise books, school books, manuals, medical brochures, price lists, advertising brochures, documentations, loose leaf products, timer-systems, data planers, etc.	
<b>Starting product</b>	<b>Content</b>	folded signatures, single sheets, loose leaves, leporellos can be processed max. 200 x 150 mm un-cutted max. 180 x 120 mm cutted min. 90 x 60 mm cutted
	<b>Thickness</b>	- 2 mm folded signatures etc. - 14 mm book block for comb-binding - 24 mm loose leaf processing
	<b>Cover</b>	processing of all customary materials max. 200 x 150 mm min. 90 x 60 mm
	<b>Binder</b>	length max. 190 mm min. 85,5 mm diameter Ø 6 – 18 mm
	<b>PVC-Foil</b>	supplier KLOCKNER PENTAPLAST GmbH & Co. KG material name PENTADUR BM 180/15 foil thickness standard 400 mm dimension of roll core-diameter of the roll Ø 200 mm running time per roll approx. 8 hours
<b>Operator</b>	200 % manpower (depending on product)	
<b>Performance</b>	1'800 pieces/h (cycle speed – independent of the product thickness)	
<b>Change-over time</b>	<b>Change of signatures</b>	5 minutes
	<b>Change of format</b>	15 – 60 minutes
	<b>Change over to loose leaf</b>	1 – 2 hours
<b>Technical data</b>	<b>Dimension</b>	approximate 15'000 x 7'000 x 2'500 mm (L x W x H)
	<b>Weight</b>	approximate 9'000 – 12'000 kg
	<b>Electric</b>	3 x 400 Volt/50 Hz/55 kW (90 Ampere pre-fuse)
	<b>Pneumatic</b>	6 bar/2'000 litre (hose supply min. Ø 13 mm)
	<b>Noise emission</b>	approx. 75 dB (A)
<b>Guarantee</b>	3 years	