

# TRIM&PERF *line*

- ▶ PERFORATING
- ▶ CUTTING/TRIMMING
- ▶ DIE CUTTING
- ▶ PUNCHING
- ▶ INDEX CUTTING



# TRIM&PERF 600 *line*

An extremely versatile and productive line which can incorporate one, two or three work stations for the manufacture of products up to 8 mm thickness, e.g.: diaries, calendars, notebooks, exercise books, children board books, which can be saddle stitched, square back or perfect bound. Ideal for operation in-line with sheet folders or saddle stitchers to perforate and/or cut (with or without trim out); or off-line with separate feeders



TRIM & PERF

▶ **600**

*with belt feeder and shingle delivery*



TRIM & PERF

▶ **600 DUPLEX**



TRIM & PERF

▶ **600 TRIPLEX**

## ► UNRIVALLED TECHNICAL ADVANTAGES

### Maximum flexibility

- ▶ Handles any material from very lightweight stock up to 4 mm cardboard and plastic
- ▶ Punches, cuts, splits, die cuts and perforates using specific tools and blades for each task
- ▶ Punches and dies for perforating are interchangeable and can be re-sharpened
- ▶ Cutting tools are interchangeable and can easily be placed in any unit according to the product requirement
- ▶ Hole punching tools can be positioned according to the imposition of multi-up products
- ▶ Segmented corner tear off perforating blocks can accommodate any multi-up signature layout without the need to determine the print imposition in advance
- ▶ Machines independently synchronised by photocells without the need for interconnections; but other systems are available according to production line requirements
- ▶ Infeed belt table adjustable in height for easy connection with upstream machines
- ▶ Machine can be used as a conveyor, if removing it from the production line is not desirable

### Superior quality

- ▶ The cutting and perforating tools are combined with pressing devices, which hold the sheets down before the perforating action, resulting in superior quality with the possibility to use very lightweight paper without any problem
- ▶ Single and dual (for trim out) blades cut against counter blades with the upper blade always overstepping the lower surface of the product, thus assuring a perfect cut
- ▶ The machines divide two-up signatures, with or without trim out, with a quality level superior to that of the rotary splitting knife action in folding machines.

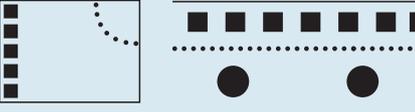
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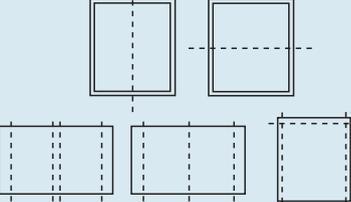
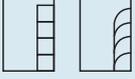
TRIM&PERF		600	600 DUPLEX	600 TRIPLEX
Product size untrimmed (l x w)	standard max.	500 x 600 mm	500 x 600 mm	500 x 600 mm
	standard min.	50 x 50 mm	50 x 50 mm	50 x 50 mm
Product thickness	standard max.	4 mm	4 mm	4 mm
	optional max.	10 mm	10 mm	10 mm
Linear speed of the infeed conveyor		60 m/min	60 m/min	60 m/min
Speed max. mechanical		9,000 cycles/hr	9,000 cycles/hr	9,000 cycles/hr
Installed power		3 kW	6 kW	10 kW
Compressed air requirement		200 l/min at 6 bar	300 l/min at 6 bar	600 l/min at 6 bar
Weight		700 kg	1,400 kg	2,100 kg
Dimensions (l x w x h)		2,000 x 1,360 x 1,200 mm	2,400 x 1,360 x 1,200 mm	3,450 x 1,350 x 1,200 mm

*Technical data subject to change without notice*

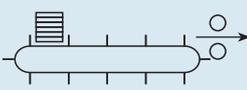
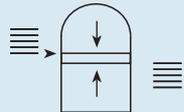
## ► ACCESSORIES

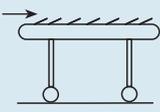
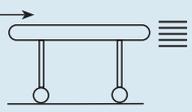
Universal tools and accessories are modular and compatible with all models

PERFORATION	
	<b>Linear stamp type perforation:</b> any pattern
	<b>Wire comb binding</b> any pattern: 2:1, 3:1, 3:1 + calendar hanger, round or square holes
	<b>Other mechanical binding systems:</b> plastic or wire spiral; ring binder with round or oval holes
	<b>Stamp type tear off corner perforation:</b> any profile: 45° straight or 90° round, any radius or size
	<b>Multi-punching/perforation:</b> to produce several patterns simultaneously, such as: wire comb + corner tear off (for small diaries) or wire comb + linear tear off + ring binder hole. Tool layouts/quotes on request

FINISHING	
	<b>Cutting/splitting/trimming:</b> along (with single or dual blade) and/or across product flow direction. Three and four side trimming of mini and maxi sizes in one pass with Duplex and Triplex models
	<b>"Shape on demand" die cutting:</b> along the border or inside the product using electro erosion or standard wooden dies
	<b>Round corner cutting:</b> booklets and signatures including all four corners
	<b>Index cutting:</b> any shape

## ► OPTIONS

FEEDING MODULES			
	<b>Continuous magazine hopper feeder</b> with chain and pusher fingers for square back products Min. product thickness 3 mm		<b>Continuous multiple-sheet feeder</b> , which separates a small stack (height dependent on the workable thickness) with a gripper clamp from the bottom of the pile and transfers the same to the infeed of the converting station. This method enables the restacking of calendar or other pre-numbered sheets in the same sequence as fed without turning the pile
	<b>Continuous rubber belt type feeder</b> for folded signatures, saddle stitched and similar products		<b>Pile suction feeder</b> with pre-piling conveyor for large size wall calendars and similar products

DELIVERY MODULES			
	<b>Shingle delivery belt</b>		<b>Stacking unit</b> with pile ejection straight (standard); or to the right or left



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