

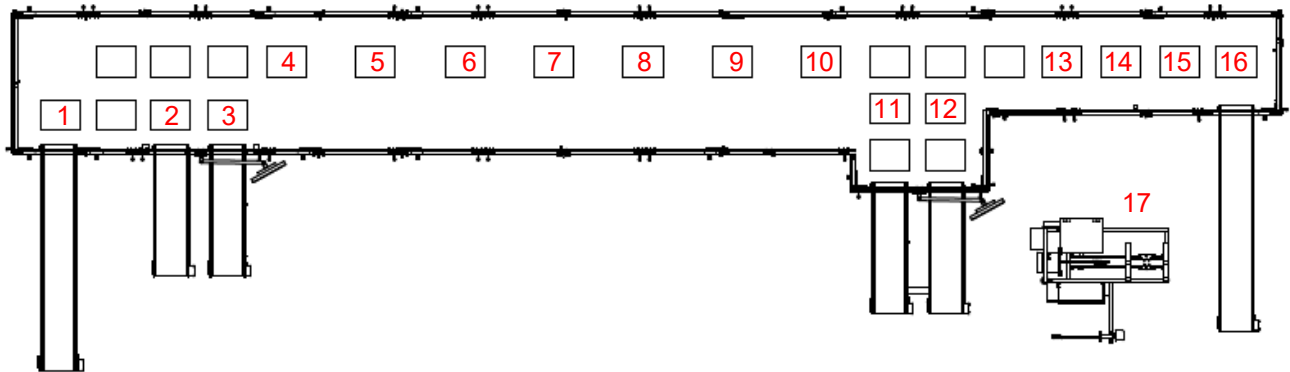
WIRO 4

Fully automatic processing line for the wire binding



The WIRO 4 is a fully automatic processing line for producing wire bound products inclusive pre-processing of book blocks. The WIRO 4 consists of several basic modules and can be customized. The machine can be put in-line with other machines, e.g. a gathering machine.

OPERATING PROCESS



- | | | | | | |
|---|--|----|---|----|-----------------------|
| 1 | Feeding book block | 7 | Splitting | 13 | Binding |
| 2 | Feeding / delivery advertising front cover | 8 | Punching 2 | 14 | Turning |
| 3 | Feeding / delivery advertising back cover | 9 | Foregathering | 15 | Crossing over |
| 4 | Raising | 10 | Filing | 16 | Delivery |
| 5 | Splitting | 11 | Feeding / punching / delivery front cover | 17 | Unwinding wire-binder |
| 6 | Punching 1 | 12 | Feeding / punching / delivery back cover | | |

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BASIC INFORMATION

Products	book diaries, desk diaries, note books, books, catalogues		
Format	A6 bis A4		
	book block	height	140 – 360 mm (binding width)
		width	80 – 230 mm
		thickness	max. 16 mm
	cover	height	140 – 380 mm (binding width)
		width	80 – 240 mm
		thickness	max. 2 mm
	Cover overlap	at the side	0 – 10 mm
		foot board	0 – 40 mm
6-cutting	book block, gathered folded signatures single piece (2x2 cut) double piece with separating cut or inter cut		
Punching block	two separate multiple-punching dies binding hole 4,5 x 4,5 mm, pitch 3:1 filing hole for A4 and A5		
Punching cover	two separate punching dies binding hole 4,5 x 4,5 mm, pitch 3:1		
Binding	RENZ tool ring Wire preformed, pitch 3:1 binding Ø 1/4, 5/16, 3/8, 7/16, 1/2, 9/16 spools 20 kg and 30 kg		
Labelling	for product identification as label in any position on cover		
Operating mode	stand-alone with automatic feeding and delivery from pile to pile in-line with gathering machine and automatic delivery in pile		
Operator	100 – 200 % manpower (depends on operating mode and border of system)		
Output	cycle speed 1'800 – 2'100 pieces / h		
Change-over time	order change 0 – 5 minutes format change without punch approx. 20 minutes format change with punch approx. 60 minutes Wire diameter change approx. 20 minutes		
Technical data	dimensions 14'400 x 5'600 x 2'000 mm (L x W x H)		

INTERESTING FEATURES

- Short change-over time
- High flexibility
- Automatic delivery of
supernumerary promotional
pages and covers
- Orders with same format
can be processed without interruption
- Processing of overlapped cover possible
- Processing of loose sheets
- No reduction of performance with thick products
- Delivery of piled, staggered products
- Processing from pile to pile
- **3 years guarantee**