

**Bookjet® system**  
Digital Print  
Finishing and  
Complete Solutions  
**Web Folder**

# WF 100



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The WF 100 – the web folder for the Bookjet® system

# WF 100



For use with industrial-scale

Unique web folder system from KOLBUS

**The WF 100 web folder for the KOLBUS Bookjet® system is the optimal solution for folding digital print products produced on an industrial scale. It gives the printer freedom of choice, great flexibility, outstanding quality and is fast enough to match many coming generations of digital print machines.**

The WF 100 meets your expectations:

- up to 300 m/min web speed
- up to 1,350 mm web width
- from 4 to 64 pages per signature (depends on the size)

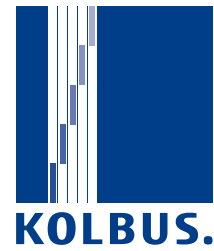
Formats for finished books range from larger than A4 to smaller than A6. Spine length can be set automatically without make-ready effort. The WF 100 is unrivalled as the starting point for any type of finishing – perfect binding, thread sewing, saddle stitching, aziro and gluing – nothing is impossible. The versatile KOLBUS system offers a choice of delivery options. These include a turning stacker, a counting stacker, an indexing stacker, with or without auxiliary binding, and a bundle stacker. Another option is to link the WF 100 directly to a KOLBUS finishing line. The web folder achieves output speeds of up to 60,000 signatures an hour, making it fast enough to match coming generations of digital print machines in the foreseeable future.

Many technical features make the KOLBUS web folder an outstanding solution for digital print products. It's capable of handling an unsurpassed range of paper grades, even very lightweight papers. Folding is in the grain direction of the paper, ready for any type of binding.

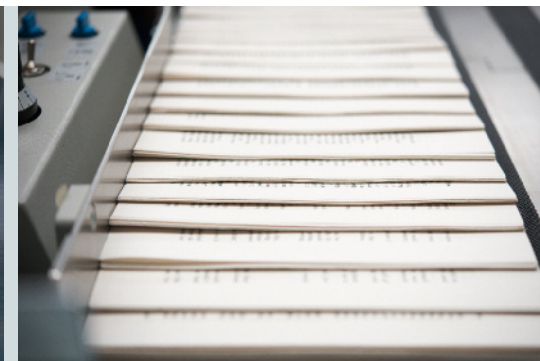
The folding scheme is perfect for the digital environment. Folded signatures from the WF web folder are better than any alternative in respect of numerical page increments which is the key to the efficiency of pre-adjusting the downstream machines. Alternate sheets are turned over so that pages always face top side to top side and bottom side to bottom side. This ensures that book blocks lie flat (no curl) and that facing pages match in optical density. The quality gain for the reader is striking. The WF 100 can be used in conjunction with any web-fed digital printing press. Its great strengths are especially striking with web widths over 1,000 mm.

## Key benefits of the WF 100

- Web folder for an ultra-wide range of book formats with variable cross cutting for folded signatures 'open on three sides' and folded with the grain of the paper
- Folded signatures open on three sides are suitable for any type of binding, including thread stitching
- Capable of processing an extremely wide paper spectrum including thin papers
- Flexible choice of the number of pages per signature with preselectable collect modes
- Alternate sheets turned over for excellent lie flat (no curl) and to ensure that facing pages match in optical density
- High production speeds and output across the entire format range
- Compatible with and can be linked up to any existing web-fed digital print systems
- KOLBUS Copilot® System

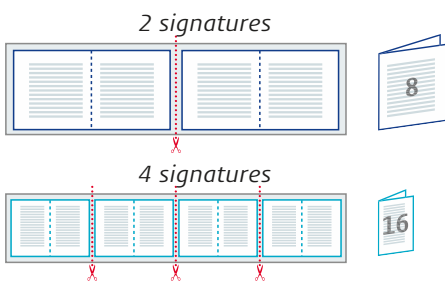


## digital printing

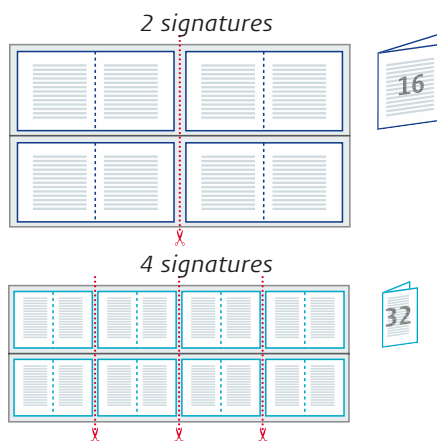


## Illustration of collect modes

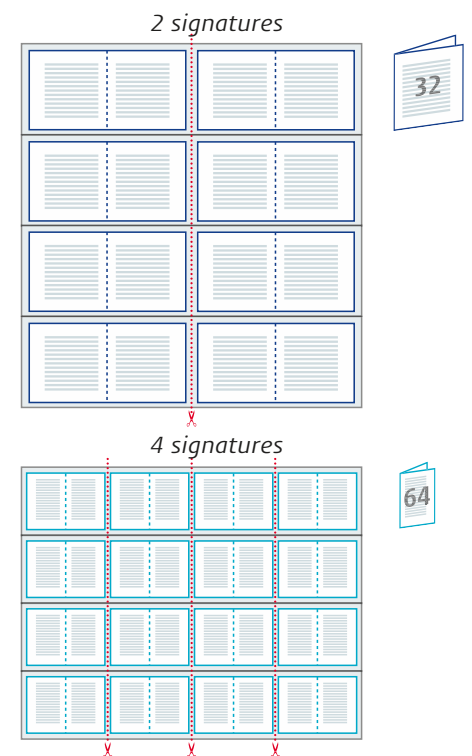
### Collect 1



### Collect 2



### Collect 4



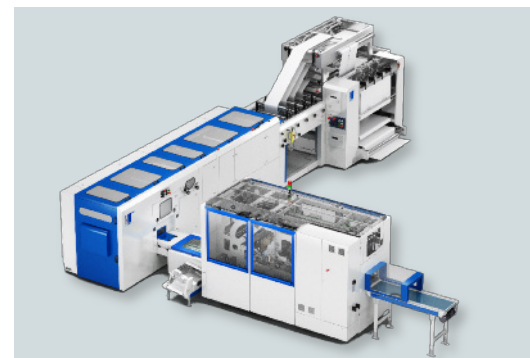
The *collect mode* selected depends on the final book size. The bigger the size, the less signatures.

### WF 100: number of pages

Ribbons	Collect 1	Collect 2	Collect 4	Collect 8 (option)
<b>1</b>	4	8	16	32
<b>2</b>	8	16	32	64
<b>3</b>	12	24	48	96
<b>4</b>	16	32	64	128

**Technical data**

Web width	400 – 1,350 mm
Block height untrimmed	190 – 320 mm
Block height trimmed	178 – 308 mm
Block width untrimmed	108 – 254 mm
Block width trimmed	100 – 248 mm
Paper weights	28 – 130 g/m <sup>2</sup>
Signature thickness	0.5 – 4.2 mm
No. of pages per signature	4 to 64 pages per signature (depending on web width)
Prefold area collecting options	1, 2, 3 and 4 ribbons (½ ribbon option available)
Collect modes	Collect 1, Collect 2, Collect 4 (option Collect 8)
Format folded sections	110 x 178 mm – 210 x 297 mm
Binding types	Perfect binding, thread sewing, saddle stitching, aziro and gluing
Delivery options	Single folded signatures, precollected folded signatures, with or without auxiliary binding
Web speed	Up to 300 m/min
Output	Up to 60,000 folded signatures per hour



Web folder WF 100  
Coupling with Reject unit AS 100  
and Signature stacker LS 100\*

\*The Signature Stacker LS 100 produce stacks, consisting of folded signatures, which will be connected by pre-gluing process to book blocks or book block stacks. The LS 100 is also compatible with any folder system.