

Data Sheet: Optional book stacker BSS-30

The BSS-30 book stacker allows non-stop Smart-binder operation without the need for the operator to continually have to remove books from the delivery conveyor. Books pass through the standard Smart-binder delivery conveyor into the BSS-30 stacker where they collect into piles up to 160 mm high. The number of books in each pile is selectable by the machine operator.

Book piles are delivered onto a roller table where they accumulate until removed by the operator. In-line (or off-line) pile 'banding' is also available.



Completed stacks contain booklets (or signatures) with spines all orientated in the same direction.

An alternative version of this stacker is available with an additional automatic stack reject facility. This ejects any bad stacks in one direction (stacks which do not contain the correct booklets of signatures in the correct sequence) and delivers all good stacks in a different direction. This version stacker includes a code reader to read incoming booklets or signatures.

If making book blocks for perfect binding, then a cold glue applicator may be added which glues the signatures inside each book block. This may be used to aid the transportation of these book blocks into a perfect binder.

IBIS Customized Finishing Solutions

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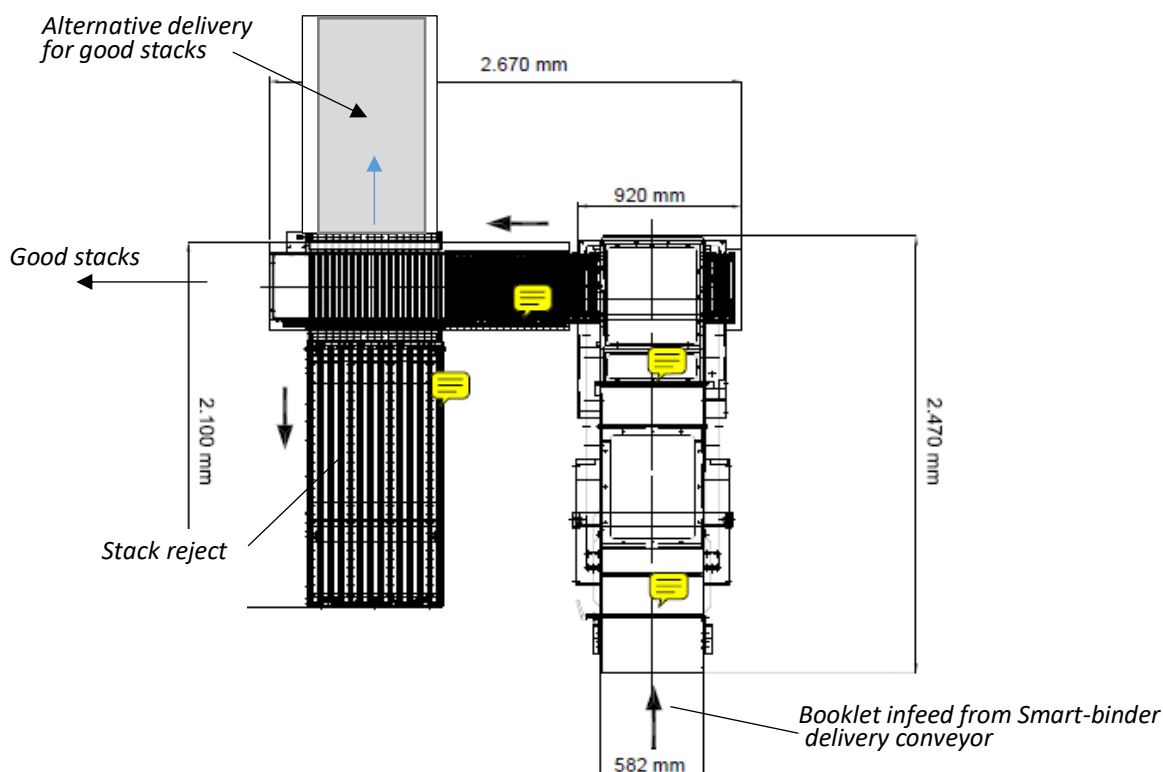
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BSS-30 Stacker Specifications (2 versions available with different widths)

alpha	500plus	Formate: min 1 up max 2 up max (optional) 3 up max (optional)	Infeed width 80 mm (3 1/4") 510 mm (20") 235 mm (9 1/4") 150 mm (6")	Infeed length 95 mm (3 3/4") 330 mm (13") 330 mm (13") 330 mm (13")
alpha	700plus	Formate: min 1 up max 2 up max 3 up max (optional) 4 up max (optional)	Infeed width 80 mm (3 1/4") 760 mm (30") 350 mm (13 3/4") 235 mm (9 1/4") 155 mm	Infeed length 95 mm (3 3/4") 330 mm (13") 330 mm (13") 330 mm (13") 330 mm (13")
Max stack height		160 mm		
Min stack height		3 mm		
Speeds		15 - 205 m/min		
Performance		900 stacks per hour per up-work		
Electrical connection		16 A, 400/230 v, 3.5 kw		
Compressed air consumption <i>Signal connection is MBO 24 pin as standard</i>		100 l/min net, 6 bar (with air blast device 250 l/min) Dry filtered air on site		

BSS-30 Floorplan, showing optional stack reject lane (BSS-30 may be to the left as shown below, or to the right):



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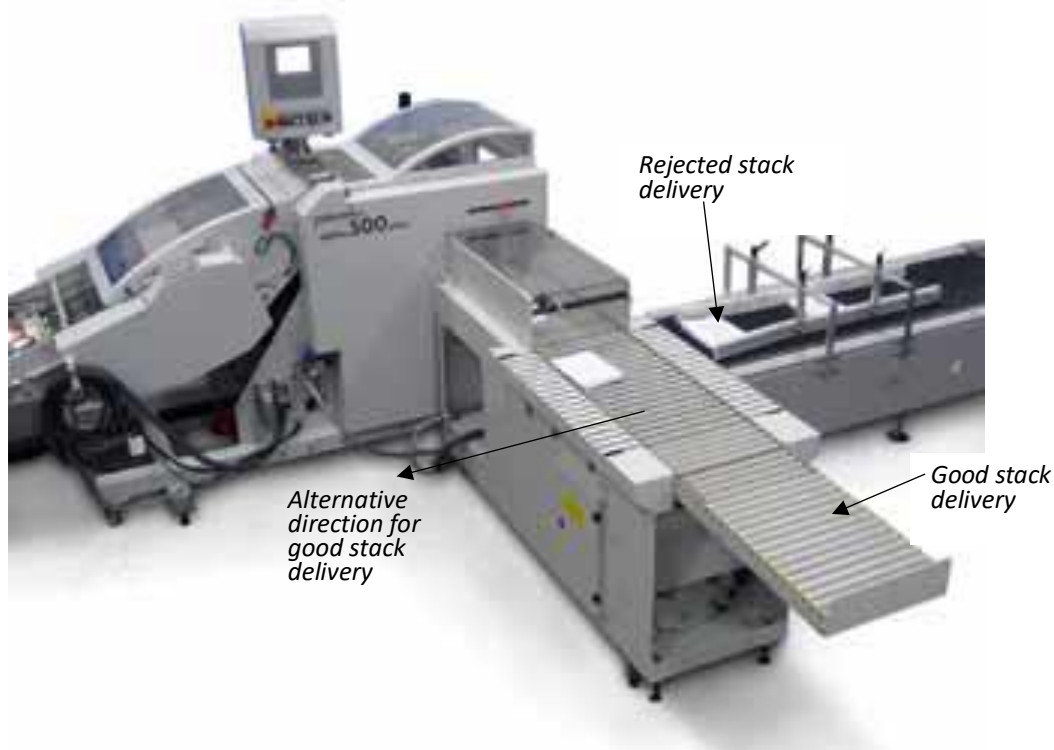
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BSS-30 with Optional stack reject (shown below with delivery to the right, but may be provided also with delivery to the left):



The above image shows good books being delivered 'head leading', but an alternative configuration can deliver good books in a different direction if preferred.

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