

Bindery stackers – for stitched, bound, folded, inserted products



- **RS 11** – entry level stacker for smaller/slower lines
- **RS 10/S** – standard for saddle-stitchers, up to high-speed
- **RS 33/S** – standard for perfect binders, up to XL-thickness

■ Models & applications



The RIMA stackers cover all your bindery's stacking needs, from entry-level to high-speed, high-volume. Whether you have a saddle-stitcher, perfect binder, folding machine, or an inserter with film-wrapping, the RS 11, RS 10S, and RS 33S will collect your products and build counted and compensated stacks.

Our bindery stackers offer a wide range of options, allowing us to best match your specific requirements. These include advanced infeed and delivery configurations, barcode reading with stack control, servo-drive technology, and min- and max-format options, as well as the ability to handle shingled streams.

RIMA is the leading manufacturer of stackers and has a great reputation for building highly reliable machines with a rugged design and easy operation. The RS 11, RS 10S, and RS 33S are simple, trouble-free, and easy to maintain, with an undisputed low lifetime cost.

Do you have a digital line from IBIS, Duplo, or other manufacturers? The RS 11 and RS 10S stackers work well behind digital lines and have intelligent stack management via barcode marks.



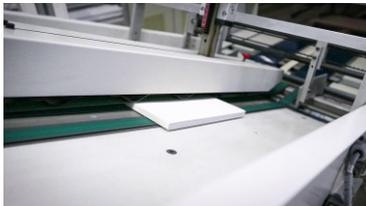
■ Features & functions

Infeed Connects the stacker to the upstream equipment & receives the products and conveys them to the upper bin for pre-collection in layers.

Options: long infeed, reject gate, stream aligner, laser counter & stream separator for shingles

Upper bin Collects the incoming products and builds layers with a predefined count. Side-joggers make sure the products of each layer are perfectly aligned.

Options: mechanical or sir assisted jogging in upper bin

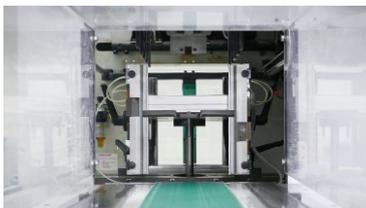


Turn-table The upper bin drops each layer into the turn-table where the final bundle is built.

Options: "table-up" option for minimal drop height & stack compression, compensation of the layers with servo-drive, turntable with extended height

Pusher A servo-driven pusher ejects the completed bundle onto the belt assisted delivery table. Pusher and delivery conveyor are fully synchronized.

Options: left / right / alternating pushout, straight-out delivery



HMI All machine settings - such as target counting, number of compensations, etc. - are done through the HMI with a color touch-screen. There is an additional lamp and horn for visual / acoustic signals. Critical settings are done on a password-protected maintenance screen.

Specials Do you have any special requirements? Talk to us! Our versatile configurations include reject gates, joggers, and round belt conveyors at the infeed. We also offer options for XS- and XL-sized products and can handle a shingled product stream (1).

Intelligent interfaces will connect the stackers to the up-stream machine and to down-stream equipment such as strappers, banding machines and robotic palletizers (2).



| Technical data | RS 11 | RS 10S | RS 33S |
|---------------------|--|--|--|
| product orientation | spine leading | spine leading | spine leading |
| product format | 102x152 mm / 4.00"x6.00" 320x470 mm / 12.63"x18.50" | 102x152 mm / 4.00"x6.00" 320x470 mm / 12.63"x18.50" | 102x152 mm / 4.00"x6.00" 320x470 mm / 12.63"x18.50" |
| product thickness | 1 - 32 mm | 1 - 32 mm | 7 - 64 mm (opt. 80 mm) |
| upper bin | 127 mm / 5.00" | 127 mm / 5.00" | 127 mm / 5.00" |
| stack height | 235 mm / 9.25" | 235 mm / 9.25" 330 mm / 13.00" | 235 mm / 9.25" 330 mm / 13.00" |
| speed | max 10 000 cph | max 20 000 cph | max 15 000 cph |
| infeed height | 800-1054 mm / 31.50"-41.50" | 660-990 mm / 26.00"-39.00" | 560-914 mm / 22.00"-36.00" |
| delivery height | 875 mm / 34.50" | 875 mm / 34.50" | 875 mm / 34.50" |
| power & voltage | 1.5 KVA, 50/60 Hz, 3 ~ | 1.5 KVA (std), 50/60 Hz, 3 ~ 3 KVA (servo), 50/60 Hz, 3 ~ | 1.5 KVA (std), 50/60 Hz, 3 ~ 3 KVA (servo), 50/60 Hz, 3 ~ |
| air requirements | 85 l/min @ 5,5 bar | 85 l/min @ 5,5 bar | 170 l/min @ 5,5 bar |
| weight | 500 kg (1,100 lbs) | 550 kg (1,200 lbs) | 660 kg (1,400 lbs) |

OPTIONS: min size option | servo turntable | table-up & stack compression | straight-out delivery | barcode, a.o.

+++ technical specifications subject to change without prior notice | performance values cannot be guaranteed & depend on product +++

