

NEW - the RS 20SW packaging stacker



paper envelopes
one stream
up to @ 30.000 cph
stacker for XL-size

Project Specs

Upstream equipment

Paper envelope line, up to 30.000 cph

Main production(s)

Folded & glued paper envelopes for e-commerce, up to a size of 380 x 600 mm

Configuration

Packaging stacker, fully automated including:

- ▶ Infeed section with laser counter
- ▶ Wide-body stacker for XL-sizes
- ▶ Turntable with stack compression
- ▶ High-speed servo pusher
- ▶ Easy lateral machine body displacement for always centered copies at the stacker infeed



▶ RS 20SW packaging stacker | shingled products up to 30k cph



▲ Stacker infed with controlled transport of the copies in a shingled stream with upper belts



▲ View of the delivery side of the stacker with its two-section delivery table – a belt section and a roller section



Rima RS 20SW

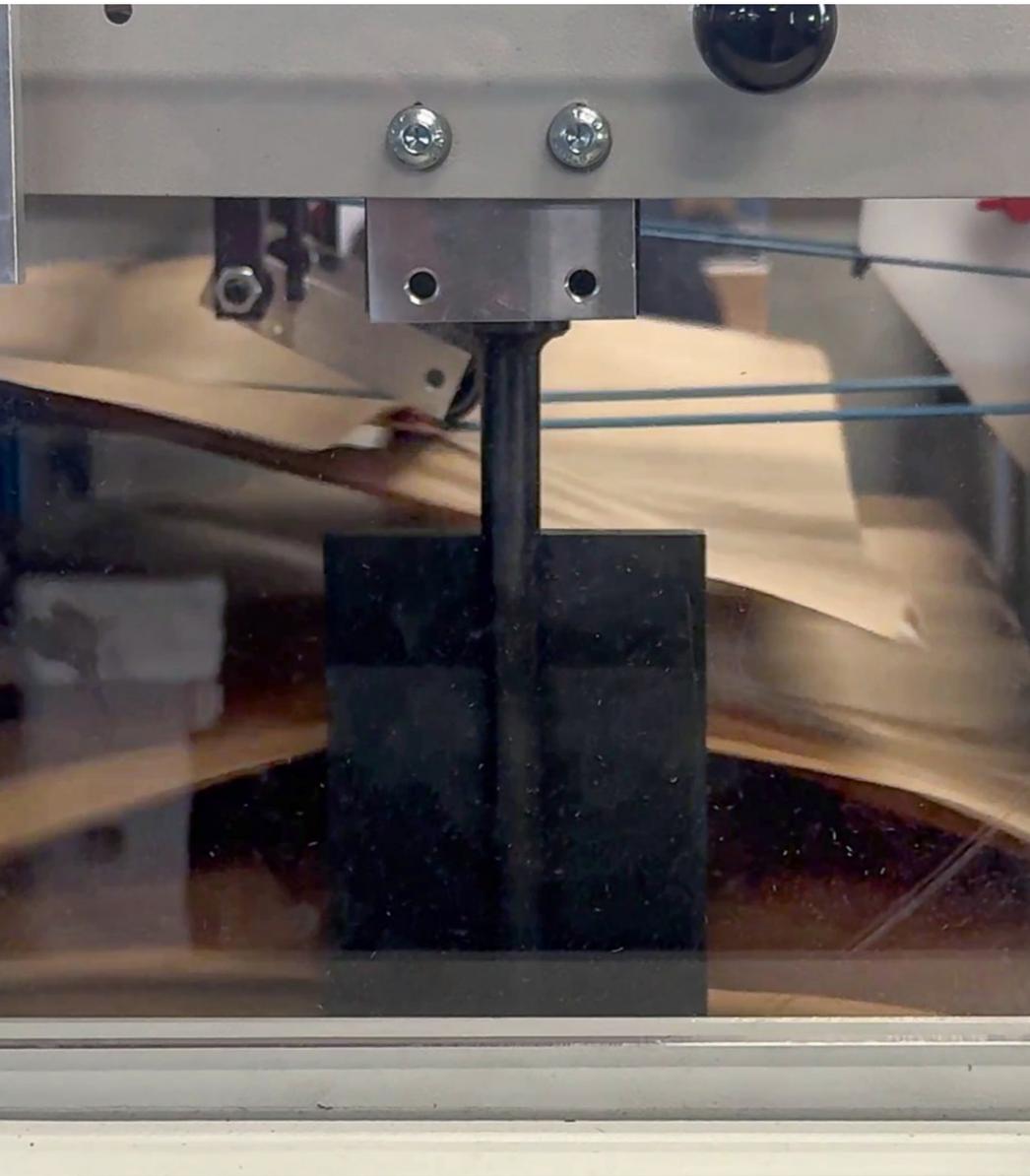
Rima Atlanta RS-20S			REAR IN	AUG/28/2025 09:52
16	16	16	REAR IN	TOTALIZER 038506
DROP 50	COMP 50	TOTAL 50	FOLD ORIENTATION	13500 P/H
SIZE A 380 MM	DUR. GAPP 22 PLS	DELIVERY DURATION 5.0 SEC	PUSH OUT	MACHINE PRESETS
SIZE B 600 MM			STOP	PUSHER PRESETS

▲ Reliable, rugged & with a small footprint – the RS 20SW stacker for paper envelopes delivered in a shingled stream



▲ The shingled stream is securely held in place by the upper and lower belts. A laser counter ensures that the copy count is always correct.

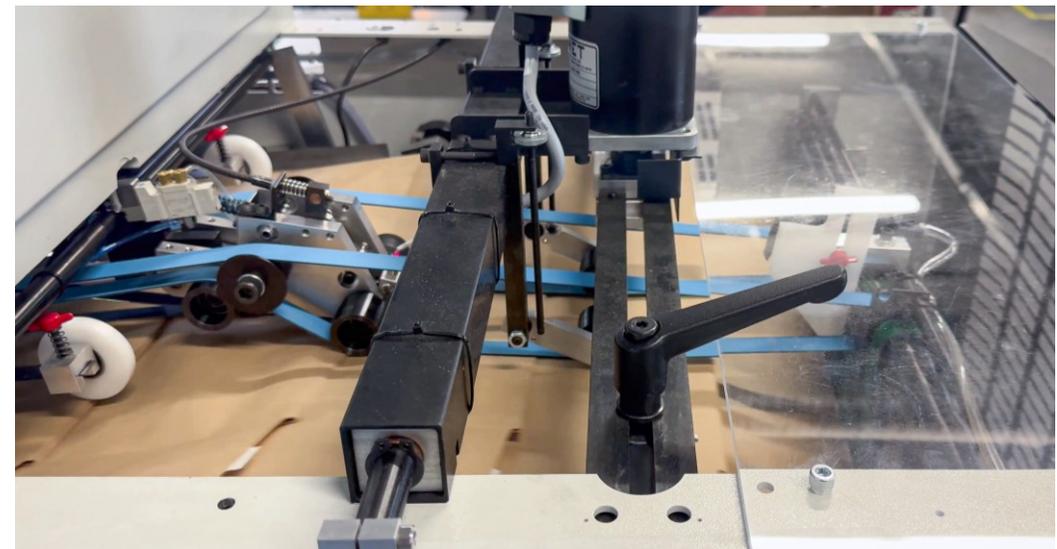
▶ RS 20SW packaging stacker | shingled products up to 30k cph



▲ Clean separation, minimum falling height and a side jogger make sure that perfectly aligned layers are built in the upper bin



▲ Smooth transition between envelope line and stacker infeed



▲ Upper bin with high-speed copy separator – safe & reliable separation of the shingled stream into layers

▶ RS 20SW packaging stacker | shingled products up to 30k cph



▲ The servo driven pusher ejects the bundles and the delivery belt is fully synchronized with the servo-pusher speed



▲ The layers from the upper bin are dropped into the turntable



▲ The turntable compensates the bundles and compresses them before ejection onto the delivery table



The turntable receives layers from the upper bin. The layers can optionally be compensated for increased stack stability.

The turntable has a "table-up" option with two key functions.

- 1) To compress the bundles, making them more stable.
- 2) The second function is to receive the layers in a "table-up" position, which minimizes the falling height of the layers.

Both functions result in well-aligned bundles.

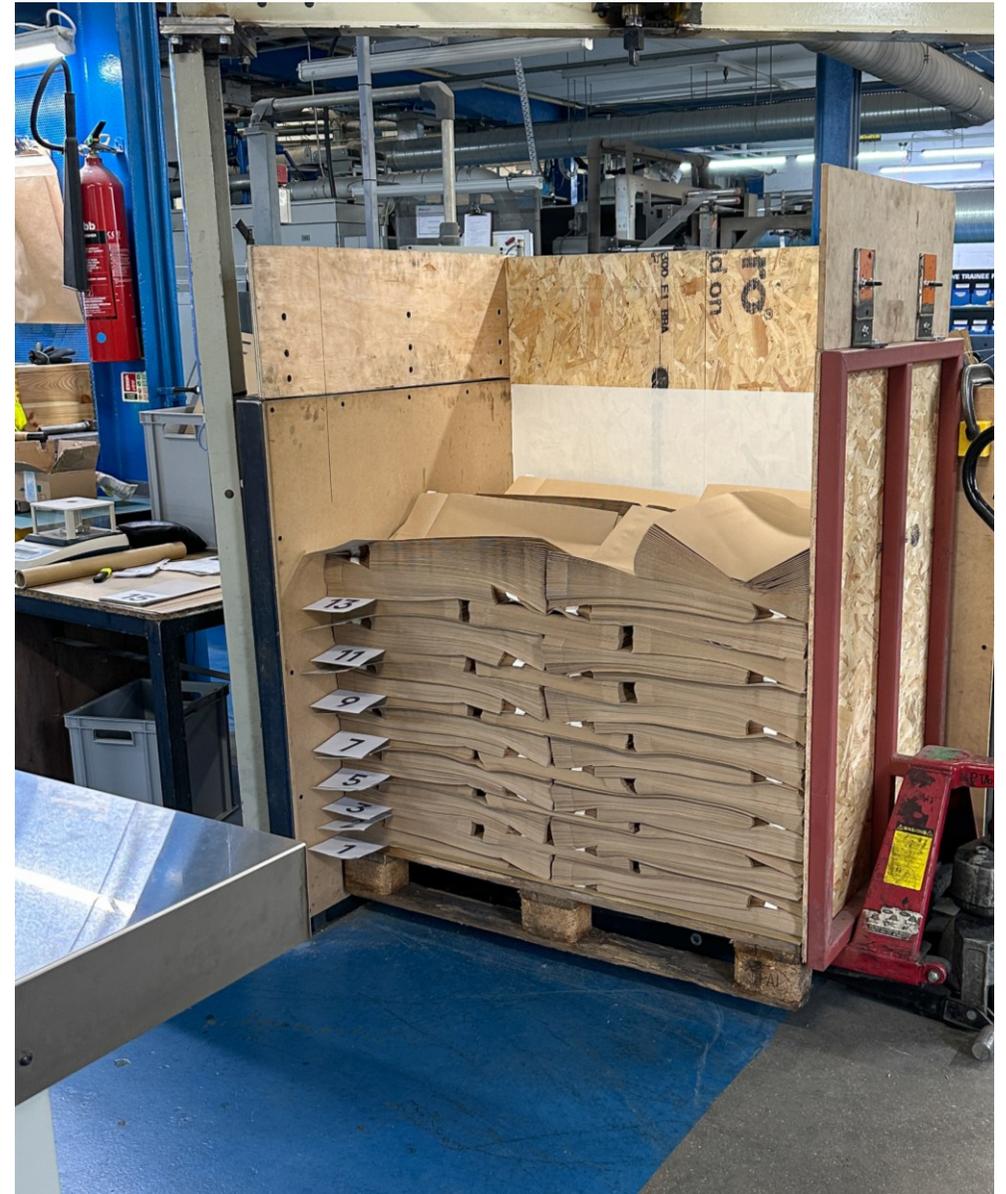
Stack integrity is also guaranteed during the ejection process. The servo pusher slowly approaches and ejects the bundle onto the delivery table, where the delivery belt is fully synchronized with the pusher's speed.



◀ The well-aligned bundles can be stacked manually or processed further using optional downstream equipment, including strapping, banding, boxing, and palletizing



▲ Nice bundles on a pallet - ready to be shipped



▲ Nice bundles on a pallet - ready to be shipped

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Special feature:

Lateral displacement on a frame fixed to the floor

Reason / advantage:

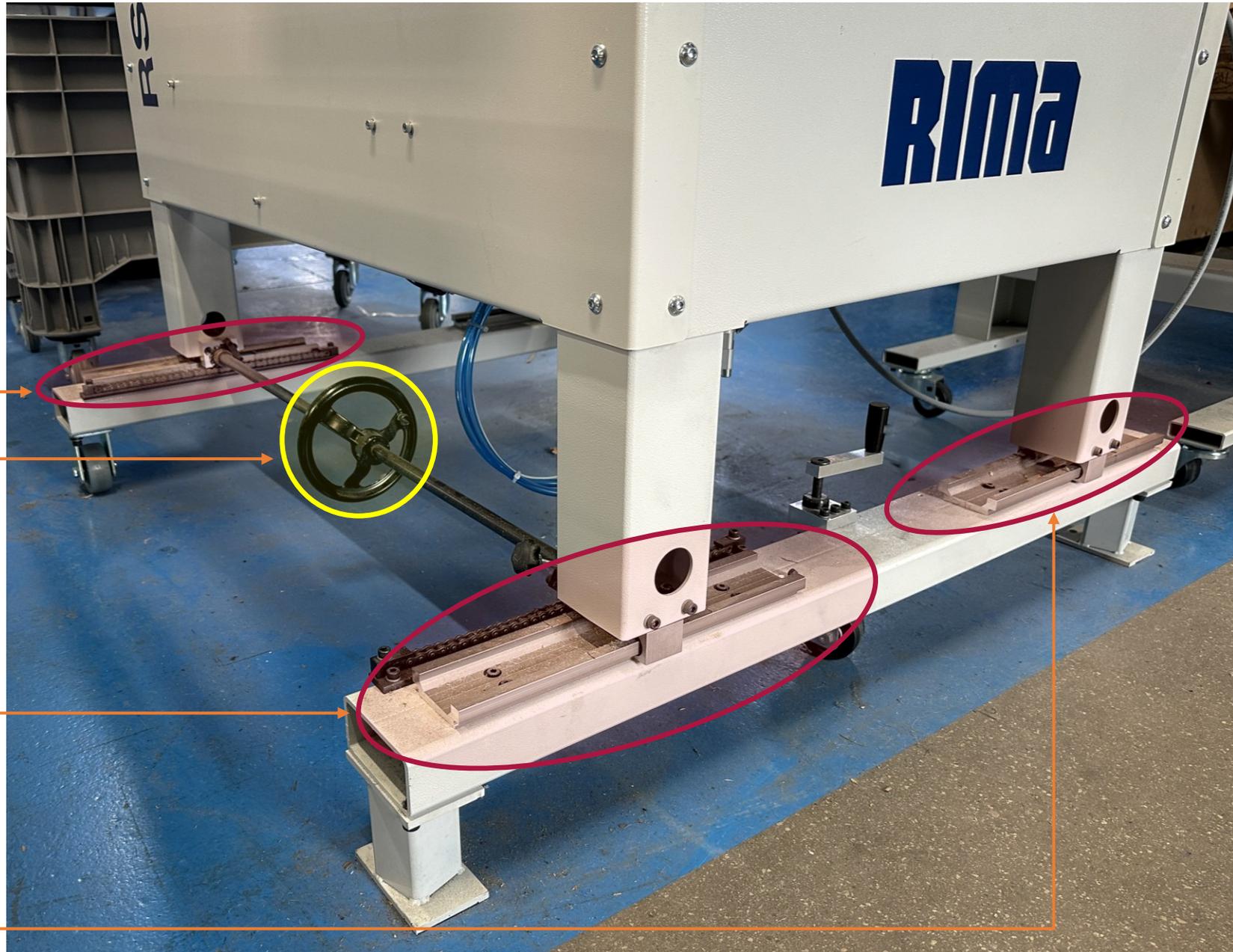
All copies are centered at the stacker infeed, even if delivered off-center from the up-stream equipment

Linear guide

Handwheel for lateral displacement of machine body

Linear guide

Linear guide



The future in pressroom & bindery...?

...shaping solutions together !



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One-stop solution provider

RIMA Atlanta and its partners are the one-stop solution partner for all projects in post press, post bindery as well as for stacking and end of line automation behind mailing & packaging lines.

IN-LOG | GAMMERLER is the leading post press supplier, shaping the market since more than 40 years.

The Merten Group is a stable and family-owned company that successfully operates in three business areas: precision engineering, mechanical engineering and post press.

STI - Systems Technology, Inc. is a premier supplier of auxiliary press and bindery material handling equipment since more than 25 years. STI supplies drum stackers and stacker bundlers for the pressroom and Super-Feeder Hopper Loaders for the bindery.

