Stretch-banding machines S 3015, S 3025, S 3040

The series of compact stretch-banding machines for perfectly banded and shrink-wrapped bundles.

S stands for small – the S-series

The stretch-banding machines of the S-series place together or stack cartons to form larger units that are tightly wrapped in plastic film. Three different models belong to this category of machine: the Stretch-banding machines S 3015, S 3025 and S 3040. The plus point is that the basic machines have a footprint of just 1.0 x 1.0 m so they meet the demand of the pharmaceutical industry for space-saving solutions. S 3015, S 3025 and S 3040 differ in their output – S 3015 wraps up a maximum of 15 bundles/minute, S 3025 a maximum of 30 and S 3040 a maximum of 40. All three machines offer the same simple format changeover involving three format parts at the most. These are quickly plugged into place without the need for tools. All three machines combine efficiency and maximum space saving at an optimum price. All basic components of the large stretch-banding machines and, consequently, the related benefits, are also to be found in the three smaller machines. The low-maintenance stretch-banding machines of the S-series are pharmaceutically compliant and reliable. Operation of the machines is straightforward using the central operating system with 3-D visualization. An Uhlmann packaging line comprising a blister machine, cartoner and end-of-line packaging machine uses the same operating technology throughout.
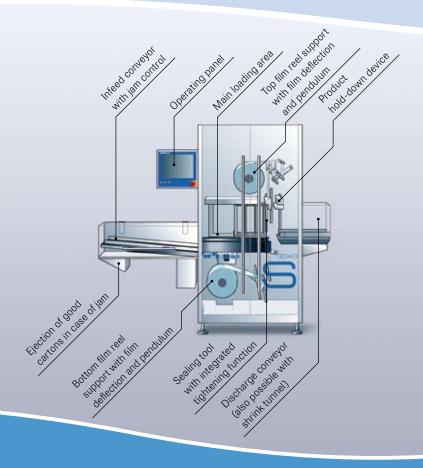
Stretch-banding machines S 3015, S 3025, S 3040

The Stretch-banding machines S 3015, S 3025, S 3040 at a glance. Technical data:

	S 3015	**S 3025**	**S 3040**
Carton size [A x B x H]	max. 130 x 105 x 180 mm	max. 130 x 105 x 180 mm	max. 130 x 105 x 180 mm
Infeed capacity [1/min]	150 cartons	300 cartons	400 (500*) cartons
Bundle size [A x B x H]	max. 300 x 250 x 180 mm	max. 300 x 250 x 180 mm	max. 300 x 250 x 180 mm
Output [1/min]	15 bundles	30 bundles	40 (50*) bundles
Film reel diameter	max. 300 mm	max. 300 mm	max. 300 mm
Space required			
Machine width	approx. 1,000 mm	approx. 1,000 mm	approx. 1,000 mm
Machine height	approx. 2,000 mm	approx. 2,000 mm	approx. 2,000 mm
Machine length	approx. 1,000 mm	approx. 1,000 mm	approx. 1,000 mm

* optional output upgrade

Infeed conveyor with jam control

Operating panel

Main loading area

Top film reel support with film deflection and pendulum

Product hold-down device

Ejection of good cartons in case of jam

Bottom film reel support with film deflection and pendulum

Sealing tool with integrated tightening function

Discharge conveyor (also possible with shrink tunnel)

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Components and features of the Stretch-banding machines S 3015, S 3025, S 3040

- Film tear control for top and bottom film
- For single-lane bundle forms
- Integrated safety and warning devices
- Hinged acrylic glass guards for permanent visual control
- Sensor head prevents uncontrolled lowering of sealing tool

Additional advantages of the Stretch-banding machines S 3015, S 3025, S 3040

- Very small, space-saving design
- Fast changeover thanks to a maximum of four format parts quickly plugged into place without the need for tools and with automatic reference run of all stations at the touch of a button
- GMP-compliant machine design for easy cleaning and maximum pharmaceutical reliability
- Central operating system with 3-D visualization and printer interface
- Integration of separate production data acquisition system possible
- Predestined for line integration with the central line control system SCADA

Carton stacking
and sealing station

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