

ST 420

Vertical Log Stacker



ST 420 - "Standard" Vertical Log Stacker

Who makes log stacking easy? The ST 420, the most sold vertical log stacker, is the perfect log stacking solution for high speed / high pagination presses. With its undisputed reliability and the unbeaten ease of operation it is perfectly suited for the integration into highly automated post press systems, especially behind presses with multiple deliveries. Clearly vertical advantages like the secure handling of flimsy tabloids, 3-side open products and cold set products (e.g. directories) are combined with unique configuration capabilities where 2 or 4 stackers can be monitored simultaneously.

Features:

- Infeed with divert gate, stream gapping device, stream aligners and squeeze rollers
- Laser counter for the exact copy counting
- Adjustable belt positions for a perfect stream control in the stacking area
- Floating head with closed loop control for a perfectly controlled stacking process
- Self-adjusting descent speed for a controlled and nearly pressure free log building process
- Automatic endboard loader
- Automatic compression and strapping station
- Motor-driven rollers for log transfer to the tilt table
- PLC control system with graphical operator interface

Options:

- Second strapping station
- ZMR-software for short run book presses
- Interface for PL 86, PL 86 DUAL log palletizers and for RS 400 robotic palletizers

Technical Data ST 420

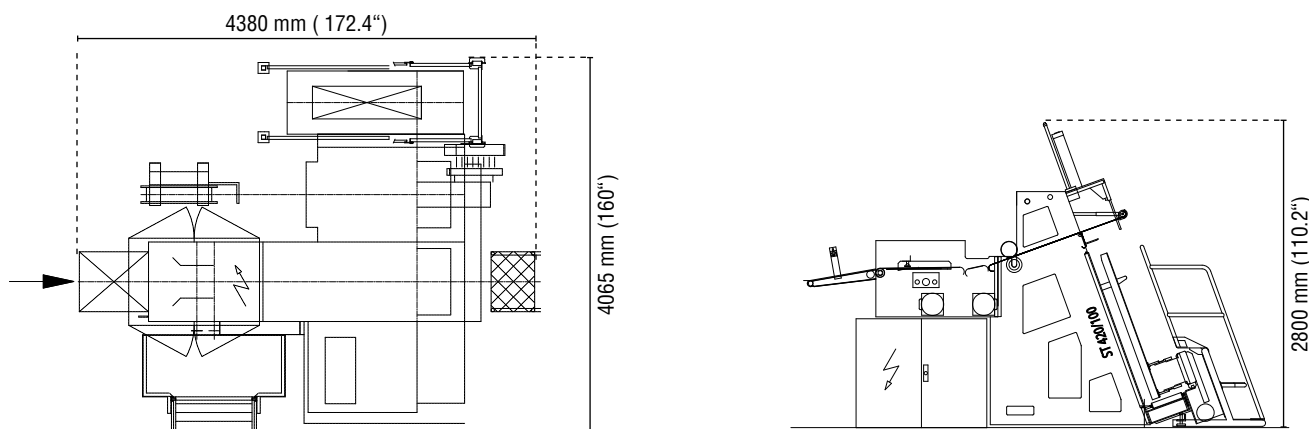
	ST 420/100	ST 420/120
Signature formats	min. 200* x 120 mm (7.9" - 4.7") - max. 500* x 315 mm (19.7" - 12.4")	
Max. log length (uncompressed)	1130 mm (44.5")	1350 mm (53.1")
Log length (compressed)	600 - 1000 mm (23.6" - 39.4")	800 - 1200 mm (31.5" - 47.2")
Max. speed	100.000 cph and more**	
Signature pagination	8 - 80 pages (and more)	
Power requirement	6 KVA (3 ph - 400 V - 50 Hz)	
Air consumption	250 NI/cycle - 6 bar (87 psi)	
Noise level	76 dB (A)	
Weight	2800 kg (6173 lbs)	3000 kg (6614 lbs)

Technical specification available on request. The manufacturer reserves the right to change the technical specifications without prior notice. (ST420-EN-Nov08).

* Spine

** depending on copy thickness, log length, signature format

Top View & Side View



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