

ST 4000

Vertical Log Stacker



ST 4000 Vertical Log Stacker - affordable automatic solution

Working on a compensating stacker because the budget did not allow to go with the technically correct machine? If a log stacker is the best solution for your needs, you can turn to us - the ST 4000 makes automatic log stacking affordable for all printers! Log separation, end board feeding, log transfer and log strapping - the ST 4000 has automated all these steps. It is the perfect machine for small to midsize presses (heatset, coldset, hybrid) with 8-32p running up to 55.000 cph (up to 64p on slower book or directory presses). With its ability to handle very short logs (400 mm) the ST 4000 becomes first choice in all environments with manual log handling in the bindery. Undisputed are the ergonomic advantages of the vertical log stacking and its superior handling of flimsy tabloid signatures. In addition the compact, sturdy design and the flexible configuration allows it to fit in almost every application. The ST 4000 is based on proven technology combined with a state of the art operator interface and a modern PLC allowing remote maintenance and optional gross/net counting. It can be connected to e.g. an PL86 for one-man operation.

Features:

- Infeed with divert gate, stream gapping device, stream aligners and squeeze rollers
- Fixed head with adjustable belts during installation for a controlled stacking process
- Self-adjusting descent speed for a controlled and nearly pressure free log building process
- Automatic endboard feeder and log transport
- Log front holding bars during compression
- Automatic Strapping of finished logs
- Modern ergonomic and robust design, easy operation
- PLC control system with touch panel

Options:

- Laser counter
- Remote maintenance and gross/net counting software
- Dual stream configuration
- Interface for PL 86, PL 86 DUAL log palletizers and for RS 400 robotic palletizers

Technical Data

	ST 4000
Signature formats	min. 200* x 110 mm (7.9" - 4.3") - max. 500* x 320 mm (19.7" - 12.6")
Max. log length (uncompressed)	960 mm (37.8")
Log length (compressed)	400 - 800 mm (15.7" - 31.5")
Max. speed	55.000 cph @ 32p, 70.000 cph @ 16 / 24p** (product permitting)
Signature pagination	8 - 32 pages, 64 pages on slower book & directory presses (product and speed permitting)
Power requirement	6 KVA (3ph - 400 V - 50 Hz)
Air consumption	250 NI/cycle - 6 bar (87 psi)
Noise level	76 dB (A)
Weight	2700 kg (5950 lbs)

Technical specification available on request. The manufacturer reserves the right to change the technical specifications without prior notice. (ST4000-EN-September13)

* spine, ** depending on copy thickness, log length, signature format and skill of operator

