

STIC-2500 High Speed Compensating Stacker

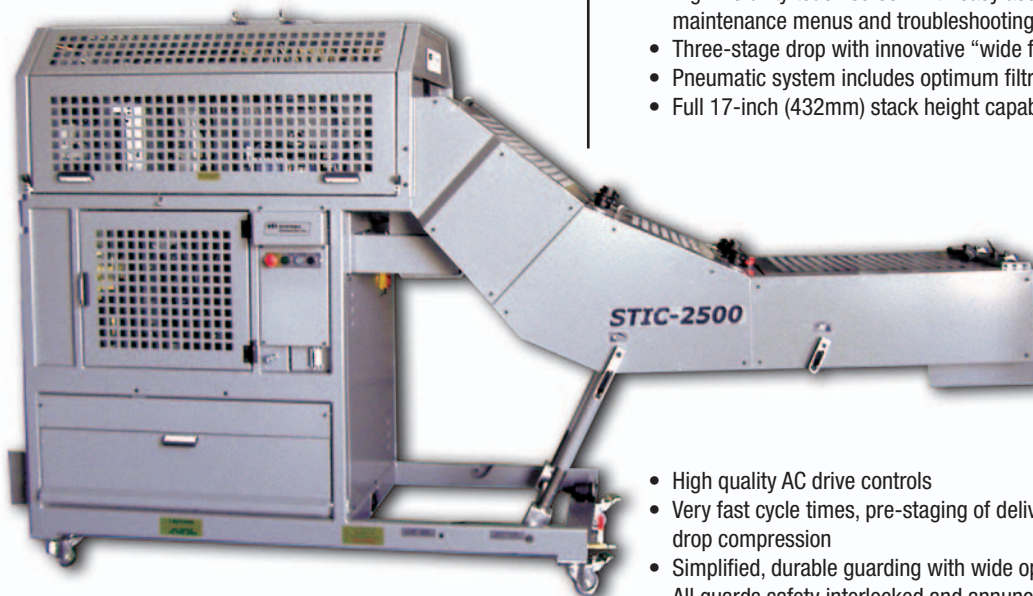
Featured Benefits:

- Highest quality “brick-like” bundles
- Exact laser count assures accuracy
- Reduced waste through streamlined set-up and operation
- Faster and easier operator make-ready
- Make-ready “by the numbers”
- Highest reliability minimizes downtime
- Maximum flexibility for expanded range of product sizes, papers & speeds
- Operator-friendly guarding with great accessibility assures safe operation
- Easy-to-see, easy-to-understand touch screen controls
- Automatic jam detect cleanout function

The **STIC-2500** Compensating Stacker is designed for general pressroom, print finishing, or converting applications where speed, reliability, and versatility are required. It can work directly inline with press deliveries, rotary trimmers, or feeders at a maximum rate of 120K PPH. High quality stacks of products are counted, compressed, compensated, and then delivered onto a belt-driven table for further manual or automated processing. Many features designed into the standard model, make it easily adaptable to many different operating conditions.

Key Benefits:

- Incoming delivery stream quality detection and auto waste diverting
- Independently-driven waste divert conveyor assures clean transfer of waste
- Calibrated numerical readouts on all adjustment points with fold-down handles
- Interfaces with delivery streams from 18”-56” without extra conveyors
- High-frequency stream alignment and jogging
- Reliable and accurate laser counting as standard
- Improved stream gapper
- High frequency jogging in the stacking bucket on all sides
- Automatic lifting of upper belts for quick and easy jam clearance
- Full length fold-down steps on both sides
- Quick lock swivel casters for easy movement in any direction
- Improved control for lightweight signatures
- Operator controls on all four sides of the stacker
- Automatic homing features on restarts
- Self-supported air delivery table with auto detection can be moved by one operator.
- Onboard clock logs operating hours and drives maintenance schedule reminders
- High visibility touch screen with easy access, easy-to-understand operator controls, maintenance menus and troubleshooting
- Three-stage drop with innovative “wide fingers”
- Pneumatic system includes optimum filtration systems
- Full 17-inch (432mm) stack height capability



- High quality AC drive controls
- Very fast cycle times, pre-staging of delivery table belt, and auto-sensing for last drop compression
- Simplified, durable guarding with wide open access to all components
All guards safety interlocked and annunciated on main control
- New belt crusher technology and out-the-back delivery options

Systems Technology Inc.

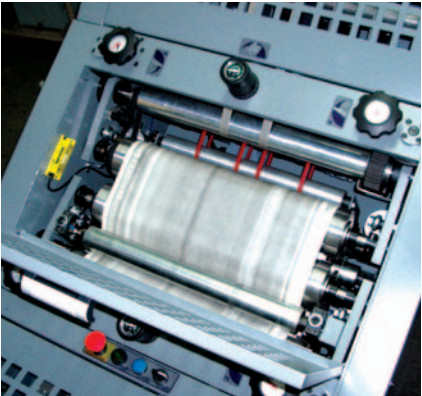
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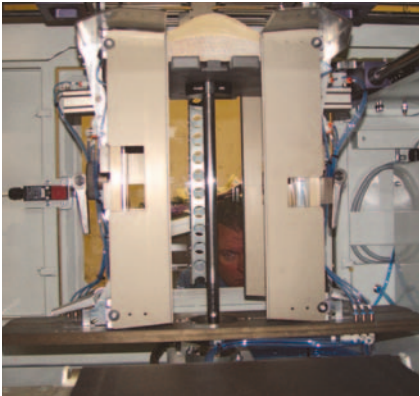
TECHNICAL SPECIFICATIONS

Product:	Minimum	Maximum	
Product Thickness	.12mm (.005")	40mm (1.57")	
Product Width	146mm (5.75")*	500mm (19.69")	
Product Length	100mm (3.94")	330mm (13.00")	
Product Diagonal		560mm (22.05")	
Stack Height	25mm (1.00")	432mm (17.00")	
Stream Shingle Lap	19mm (.75")	102mm (4.00")	
Shingle Offset		±15% from center	
Edge Offset		±20mm (±.79")	
Page Count	2-Page (60g/m ² [35 lbs])	128-Page (60g/m ² [35 lbs])	
Page Weight	35g/m ² (25 lbs)	140g/m ² (95 lbs)	
Machine:			
Operating Speed	>120,000 Products/hour (Product Build Rate & Cycle Times Permitting)		
Input Power	208-230VAC, 1 or 3Ph		
Air Requirement	20 scfm @90 psi (570 Norm-l/min)**		
Noise Level	82 dB(A)		
Weight	1091kg (2400 lb)		
Paint Color	RAL 7011 (Dark Grey)		

*Optional 5 inch minimum product kit available
**Optional 2.64 gal. reserve air tank available



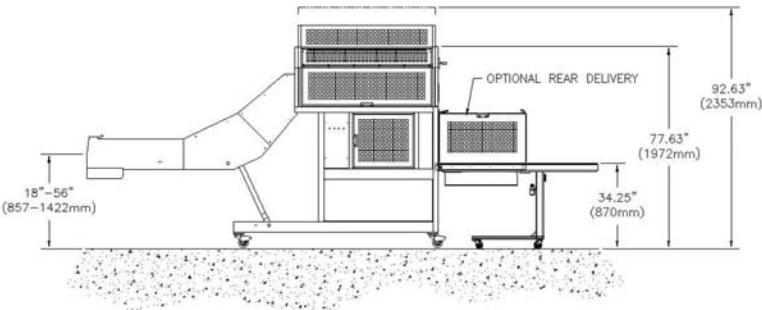
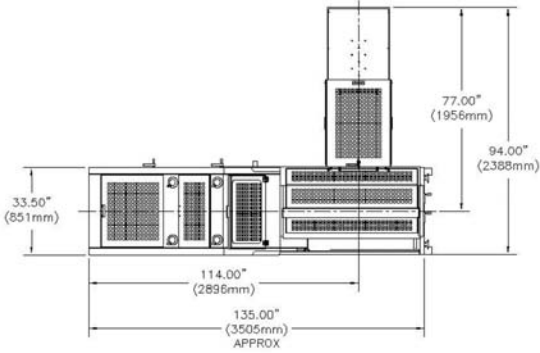
Belt Crusher Technology™ – NEW patent-applied for feature helps iron out paper wrinkles even on light-weight stock, while giving unsurpassed spine crushing for flat bundles.



Fully automatic extending delivery table belt synchronized with stack ejection system ensures high-quality stacks without compromising stack quality or cycle time.



Simplified operator controls utilizes fewer adjustment knobs and displays numeric indicators. Prior job settings are saved and recalled for the next job run.



STI reserves the right to change specifications without notice.
This equipment covered by U.S. and foreign patents and/ patents applied for.



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