

## **Model HSB-IL Horizontal Stacker Bundler**

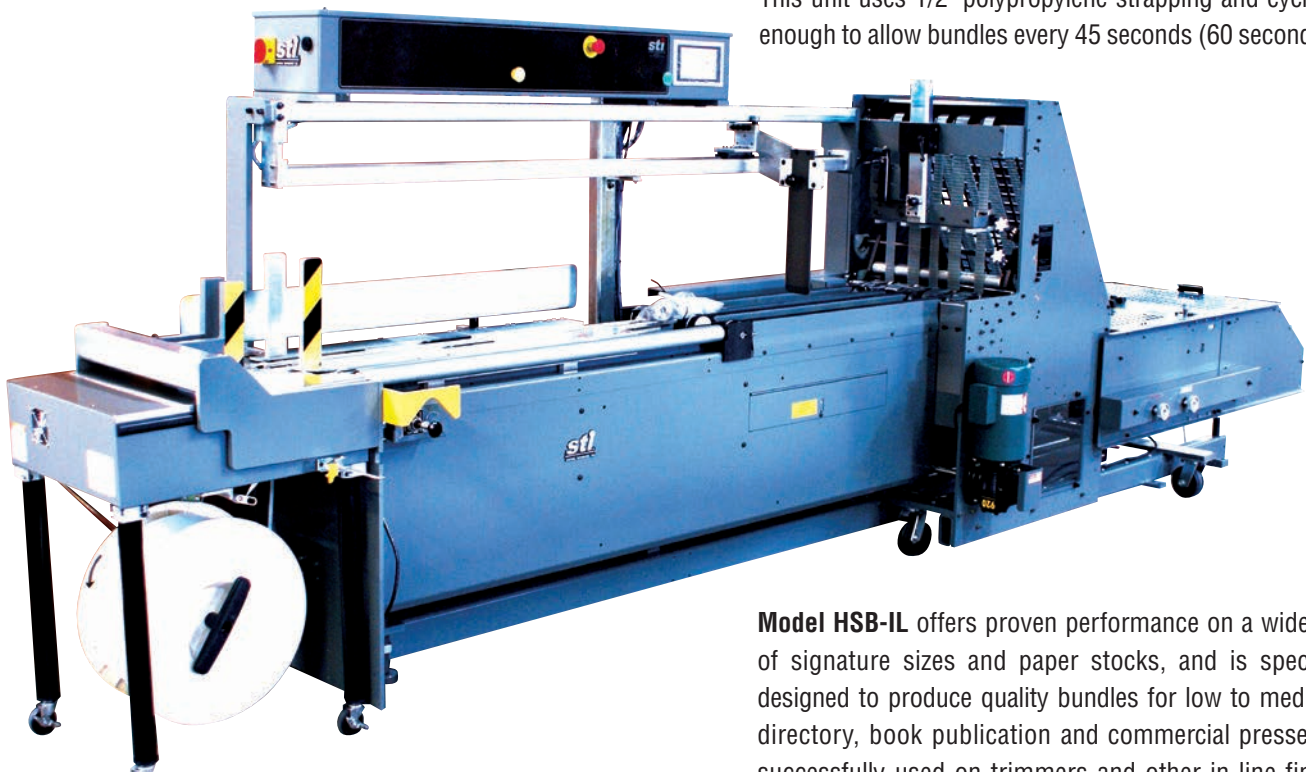
### **Featured Benefits**

- AC Drive Package for Maximum reliability
- Average 60 second cycle time
- Produces high-quality, well-jogged bundles
- Drumless timing belt stacker design
- Quick and easy changeover for production pagination, paper weight, size or bundle length
- Very rugged design allows low maintenance and more production
- High quality active matrix touchscreen OIP
- Stacker and conveyor end of run signature cleanout
- Ergonomic powered bundle transfer & bundle support

The **Model HSB-IL** provides heatset and non-heatset printers with an affordable, simplified stacker bundler with semi-automatic strapping. It is caster-mounted for portability and features “drumless” timing belt design, rugged construction, and simple, reliable product jogging.

The unit's unique patented “quick replacement” delivery belt procedure allows operators to change delivery signature timing belts within minutes, avoiding extensive pressroom downtime. An improved bundle handling section features a heavy-duty, full-length, linear guided rodless cylinder for bundle support during transfer. This allows minimal operator force to move the bundle to the strap zone.

The Semi Automatic Strapping Unit is a self-contained, easy to roll-in, easily serviceable unit. Featuring user-friendly controls and quick tension adjustment from 4.4lbs to 100 lbs. This unit uses 1/2” polypropylene strapping and cycles fast enough to allow bundles every 45 seconds (60 seconds std).



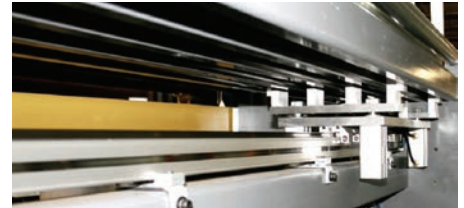
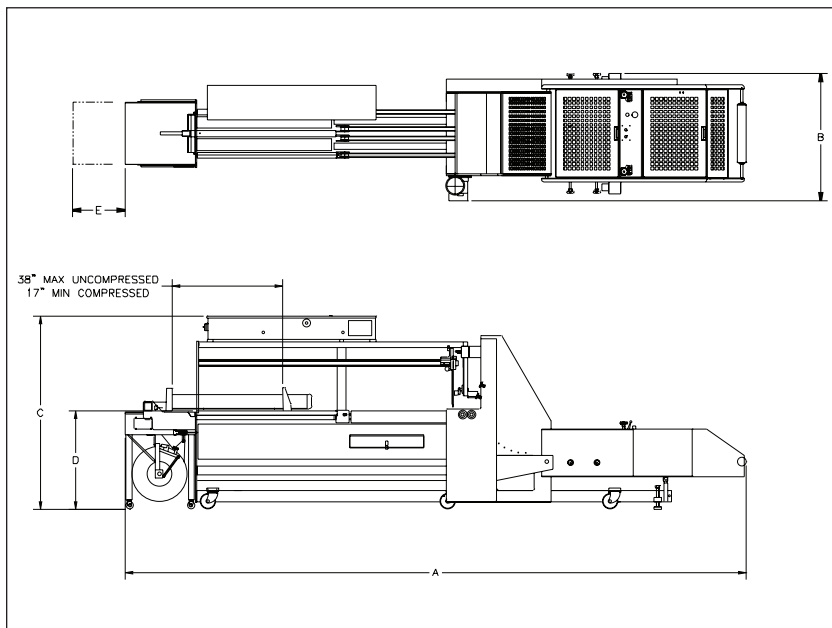
**Model HSB-IL** offers proven performance on a wide range of signature sizes and paper stocks, and is specifically designed to produce quality bundles for low to med speed directory, book publication and commercial presses. It is successfully used on trimmers and other in-line finishing applications. Its simple, rugged design leads to easy and quick product size changeover, as well as improved guarding.

# Model HSB-IL Horizontal Stacker Bundler

## TECHNICAL SPECIFICATIONS

	HSB-IL
Length – A	17'-10" (5435)
Width – B	3'-8" (1117)
Height – C	5'-7" (1702)
Table Height – D	2'-10" (865)
Strapper Removal – E	18" (457)
Maximum Uncompressed Opening	38" (965)
Minimum Compressed Opening	17" (432)
Product Length Inches (mm)	3" – 15¼" (76 – 387)
Product Width, Brick Stack Only Inches (mm)	4¼" – 19" (108 – 508)
Product Width, Bundle Only Inches (mm)	5½" – 19" (140 – 508)

Dimensions in ( ) are shown in millimeters.  
**Electrical Requirements:** 208-230VAC, 3Ø, 15A    **Air Requirements:** 6 SCFM at 90 PSI



*BTV heavy-duty linear-guided rodless cylinder.*



*High-quality active-matrix user-friendly touch screen OIP.*



*StraPack D-53 Semi Automatic Strapping Unit is a self-contained easy roll-in easily serviceable unit.*

### Technical Information

- Pneumatic good/bad copy entrance gate optional upgrade
- Infeed belts easily adjust to product size
- Patter jogger stream aligner or optional upgrade vibrating belt jogger for the lightest weight signatures
- Pneumatically-loaded crusher with anti-wrap design
- Linear guided rodless cylinder signature support keeps building bundle intact during bundle separation
- Bundle transfer vehicle with pop-up shearing action for easy handling on bundle separation with automatic return
- Compression rams easily adjustable for uncompressed bundle opening
- Press speed following with 0-10 vdc. Optional signal generator available.
- Caster mounted for easy portability
- Pneumatic signature crusher rollers
- 6 stacking belts or optional 8 belts for double parallel

To support the stacker system, our application department has developed a variety of bundle accumulator conveyors to interface with a manual hand crane or fully automatic palletizer. Please contact your Systems Technology, Inc. sales representative to configure a system for your press application.

STI reserves the right to change specifications without notice.  
 For US and Foreign Patent information please contact STI.



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