

## **SuperFeeder™**

### **Featured Benefits**

- Increase “Nets” by 15% to 30% and decrease stops
- Reduce manning by 50% allowing re-deployment of existing personnel.
- Reduce waste significantly
- Cut worker’s compensation claims costs
- Lower operating & maintenance costs
- Reduce worker stress, lower skills requirements
- Fewer signature handling headaches, costs, injuries
- Less training required for loading personnel

Systems Technology’s patented **SuperFeeder™** is a simple, low cost hopper loader designed to interface with horizontal pockets of many major manufacturers. Use of the **SuperFeeder™** allows for uniform feeding of “lifts” or “logs” of signatures, and results in fewer pocket stops, as well as manning reductions on the line. The simple design, which eliminates the need for compressed air, reliably feeds the lightest weight 2-page signatures up through the heaviest paginations and paper weights, open three sides, or with closed head. Single sheets and cards can also be fed.

The “on-demand” feed evenly loads the most difficult products, without need for extra operator attention. Make-ready is fast with only a few adjustments required. Height adjustment to meet varying pocket elevations is provided. The single continuously arched delivery conveyor provides excellent shingling control and improves the ability to handle stiffer closed-head or head-foot leading products. The **SuperFeeders** are available for a variety of flat-pile feeders from all major perfect binder and saddle stitcher manufacturers, as well as collators, polywrappers, mailing lines, quarter-folders, and other flat-pile feeders. Optional “log extension conveyors” are available in 4’, 6’, 8’ and 10’ lengths to further increase manning efficiency. Pocket interface kits are included for every machine installation. The simplicity of operation and proven performance on the lightest weight products makes this universal **SuperFeeder™** the first choice of bindery operators and management.



### **Systems Technology Inc.**

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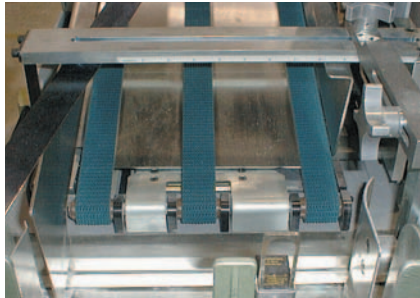
## TECHNICAL SPECIFICATIONS

	Specifications	SuperFeeder™ 13	SuperFeeder™ Tab
Product Sizes	Head to foot, max. Head to foot, min. Spine to open edge, max. Spine to open edge, min.	13-1/2" (343mm) 5" (127mm) 12" (305mm) 3" (76mm)	16-3/4" (425mm) 5" (127mm) 12" (305mm) 5" (127mm)
Electrical Power Supply	<i>Optional:</i> 460Vac, 3 phase, 0.9A, 50/60Hz	110Vac, 1 phase, 6.4A, 50/60Hz 230Vac, 1 phase, 3.0A, 50/60Hz 230Vac, 3 phase, 1.8A, 50/60Hz 460Vac, 1 phase 1.5A, 50/60Hz	110Vac, 1 phase, 6.4A, 50/60Hz 230Vac, 1 phase, 3.0A, 50/60Hz 230Vac, 3 phase, 1.8A, 50/60Hz 460Vac, 1 phase, 1.5A, 50/60Hz
Miscellaneous	Compressed Air* Vacuum Pocket pile control height	Not Required Not Required ±1/8 (3mm)	Not Required Not Required ±1/8 (3mm)
Dimensions	Pocket loading height - specify:  Overall width, main conv. Overall length Overall height	39 1/4" - 43 3/16" (997-1106mm) 48 7/8" - 53 3/8" (1241-1355mm) 14" (355mm) 142" (3606mm) 69" (1752mm)	39 1/4" - 43 3/16" (997-1106mm) 48 7/8" - 53 3/8" (1241-1355mm) 19" (482mm) 142" (3606mm) 69" (1752mm)
Paper Types	Offset, gravure, newsprint, coated & uncoated, directory, envelopes & inline finished products		
Pagination	2-64 pgs., single stock, cards, perfume strips, & many other gimmicks etc.		
* Air may be required on only the most difficult stocks. Movable Air Saver Assemblies available for these conditions.			

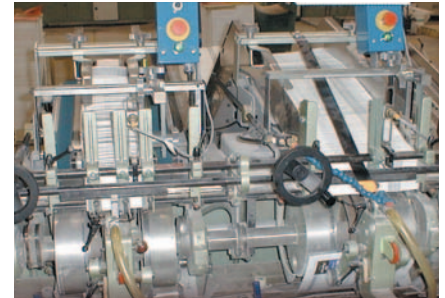
**Applications:** Magazine, catalog, directory, book, financial & commercial products markets. Uses for the SuperFeeder™ are targeted to flat-pile feeders in perfect binding and saddle stitch applications, and other signature feeding applications in mailing, poly-wrapping, quarter-folding, etc.



Note the well jogged, low pile height control. Good jog quality with the full range of signatures and gimmicks.



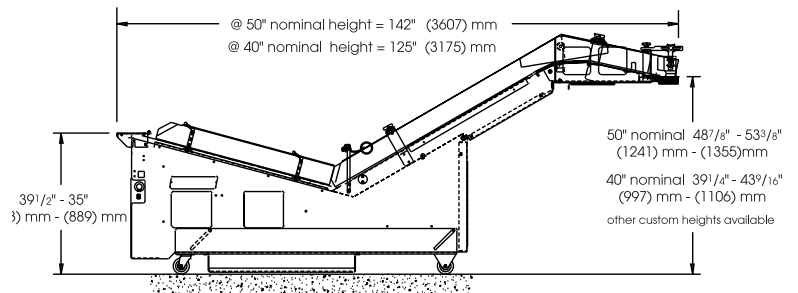
Three belts designed into quick adjustment rear "tail" taper and head-tail jogger. Scales provided for quick make-ready.



Capabilities to handle the narrow card stock as well as signature sizes are shown here.

## OPTIONAL EQUIPMENT

- Log extension conveyors available:  
4 Ft. (1219mm), 6 Ft. (1830mm),  
8 Ft. (2438mm), 10 Ft. (3048mm)
- Drop down tail conveyors
- Moveable Air Saver Assembly (MASA)



STI reserves the right to change specifications without notice.  
This equipment manufactured under one or more of the following U.S. Patents: 6,017,028.  
Also covered by foreign patents and patents applied for.