

## **Model 220SF-13 Hopper Loader™**

### **Featured Benefits**

- Limits up or down wrist motion when loading brickpiled stock
- Increases bindery line feeder efficiency - fewer stops
- Reduces waste significantly
- Simple "User Friendly" design allows for minimal make-ready
- Lower operating & maintenance costs
- Fewer signature handling headaches, costs, injuries
- Less training required for loading personnel
- Special versions available for double digest sizes.
- Main feed conveyor available in two lengths.
- Compressed air used only for most difficult stocks.
- Heavy duty construction with minimal parts.
- Heavy duty casters for easy portability.
- Feeds 3-side open and closed head products, single sheets and up.

The **Model 220SF-13 Hopper Loader** is a simple, low cost hopper loader designed to interface with the horizontally loaded feeders of the Sheridan-type RG patent binding line gatherer. Use of the **Model 220SF-13** allows for uniform feeding of "lifts" or "logs" of signatures, and results in fewer feeder stops and manning reductions on the binding line. The simple design eliminates the need for using compressed air except with the most difficult stock. The unit reliably feeds the lightest weight 4-page signatures up through the heaviest paginations and paper weights, open 3-sides or with closed head. Single sheets, cards, and odd-sized inserts are routinely fed.

The unique controlled start-stop "demand" feed evenly loads the most difficult products without need for extra operator attention at changeover...that is, little or no make-ready.

The **Model 220SF-13's** ability to handle the widest range of signatures, cards and special inserts is a result of its patented "thick" shingled transport design. The **Model 220SF-13** changes paper direction using the slowest surface speeds possible resulting in minimal shingle and the "thick" shingled stream. This patented approach to paper handling produces the versatile reputation that the **Model 220SF-13** establishes daily.

The positive jogging in the feeder reservoir combined with simple operator and line interface controls all contribute to "no fuss" signature feeding.



**Systems Technology Inc.**

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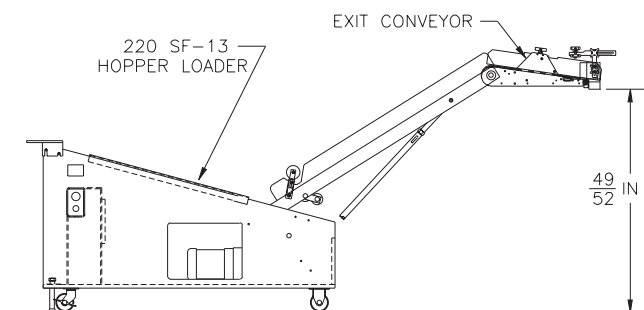
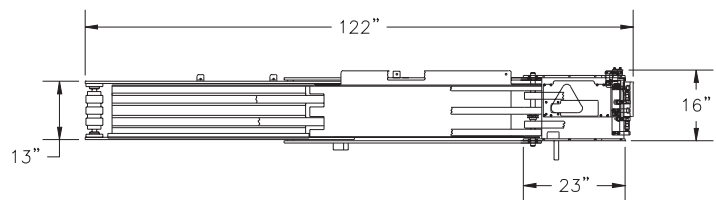
## TECHNICAL SPECIFICATIONS

<b>Electrical Power Supply:</b>	2 KVA, available in a variety of voltage configurations.	<b>Shipping Size:</b>	39" x 125" x 64" (990mm x 3175 mm x 1625 mm)
<b>Air required:</b>	House air required only on most difficult stock. No vacuum required.	<b>Shipping Weight:</b>	1,500 lbs. (680 Kg)
<b>Paper size:</b>	5-1/2" x 5-1/2" Minimum 10" x 12" Maximum		
<b>Paper types:</b>	Offset, gravure newsprint, coated & uncoated, cardstock, envelopes closed head, open 3 sides.		

Systems Technology, Inc. manufactures hopper loaders for use on Mueller Martini and Kolbus flat pile gathering feeders, adhesive binding lines, and collators, and Mueller Martini flat pile saddle stitchers.

## OPTIONAL EQUIPMENT

- Log extension conveyors available in the following lengths:  
4 ft. (1,219 mm)  
6 ft. (1,830 mm)  
8 ft. (2,438 mm)  
10 ft. (3,048 mm)
- Drop down tail conveyors
- Moveable Air Saver Assembly (MASA)



220 SF-13 HOPPER LOADER

Systems Technology Inc. reserves the right to change specifications without notice.  
This equipment manufactured under the following U.S. Patent: 5,282,613.  
Also covered for foreign patents and patents applied for.