

BREEZE II

Pillow Sham Folding System



The Breeze II accurately folds pillow shams of various material types and sizes. Folded shams are stacked by a high capacity stacker.

- Folds **1,200** pillow shams per hour, separating 1st and 2nd quality shams.
- Can be connected to a flanging system for automatic feeding, or remain free standing for manual feeding.
- Accommodates padded, quilted, and corded pillow shams, as well as pillow shams with ruffles.

BREEZE II

The Breeze II accurately folds pillow shams of various material types and sizes. Pillow shams are folded up to $\frac{1}{4}$ of their original size in both the lateral fold and crossfold sections. Folded shams are stacked by a high capacity stacker. The Breeze II is designed to integrate with the manufacturer's production line for complete automation.

Folding and Stacking Method

The Breeze II folds pillow shams with 2 lateral folds and 2 crossfolds. Any of the folds can be bypassed if desired.

- The 1st and 2nd lateral folds are made by reverse conveyors.
- The 1st crossfold is accomplished by a knife between pinch rolls.
- The 2nd crossfold is made by a reverse conveyor.
- As the last fold is accomplished, folded shams are stacked by an Up-Stacker. Folded shams can also exit onto a conveyor system if needed.

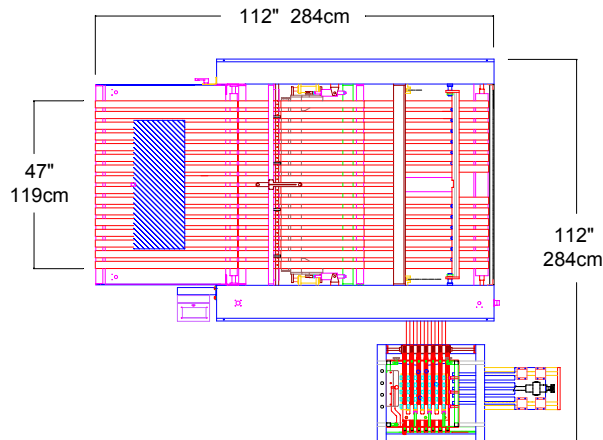
Control System

The Breeze II is controlled by a high-speed computer (PLC) with up to 50 folding programs. Operator interface is a 2-line display, which shows trouble-shooting messages and allows for output tests.

The PLC can be linked to an office computer with Brintech's **Machine-to-Office Computer Link**, which enables customers to collect data and monitor the status of the system in real time via web page on their office computer. This link also enables Brintech's support staff to connect to the machine's computer via Internet and to perform diagnostic tests, trouble-shooting, and software upgrades without being physically present at the customers' plant.

Features & Benefits

- 2nd and 3rd quality sorting is made by the operator using push-buttons on the inlet conveyor.
- The machine is equipped with indicator lights and a sound alarm: Production Pacer, Machine Jam Alert, and Stacker Cage Full Signal.
- All drive motors are controlled by **frequency inverters**, which increase folding accuracy, eliminate the use of brake motors, and minimize the mechanical shock and stress to the drive systems. The use of these inverters also reduces maintenance, downtime, and prolongs the life of the system.



Specifications

Minimum Pillow Sham Size

Standard

Maximum Pillow Sham Size

King

Minimum Folded Size

$\frac{1}{4}$ x $\frac{1}{4}$ of unfolded sham size

Folding Speed

Up to 1,200 shams per hour

Air Connection

1" NPT ~ 8cfm

Electric Connection

220VAC +-5% 3Phase
60Hz 4KW (380V 50Hz)