

Cornerless Blanket Feed/Fold/Stack Finishing System

# Blanket Blaster Series

CHICAGO®



BLANKET **BLASTER**™



**MAXX**BLASTER™



**Based on the Original Patented Blanket Blaster Finishing System—the Combination of the Edge or Edge Maxx/Skyline System Provides Unmatched Speed, Labor Savings, Reliability, and a Quality Folded Package In a Compact Space-Saving Design**

For those who are serious about producing a consistently high volume of neatly folded and stacked blankets, Chicago offers two great choices. The Edge (high speed single input) loading station and Edge Maxx (dual high speed loading stations) cornerless spreader feeder combines with the jam-free technology of the Skyline Blanket folder to provide a fast, efficient, cost effective, and space-saving way to process blankets. The Return on Investment is dramatic as one to two FTE's can be eliminated when compared to other mechanical blanket processing systems and two, three, or four FTE's are eliminated when compared to hand folding. The secret to achieving consistently neat stacks of finished blankets is that the design of the primary and crossfolding sections of the Blanket Blaster series are identical to the method of Chicago's best selling Skyline Blanket folder. After primary folds are made by a traditional air pulse, a straight and accurate first crossfold is made by a heavy-duty fold blade through pinch rolls. Chicago's second and third crossfolds are made by Chicago's exclusive fast and robust reversing conveyor method which produces jam-free crisp and accurate crossfolds every time before blankets are discharged for automatic or hand stacking.

# Combine an Edge or Edge Maxx Feeder with a Skyline Blanket Folder for an Outstanding Finishing System

## BLANKET **BLASTER**™

The Edge's cornerless loading system allows one person to effortlessly feed as many blankets as two people loading a traditional clip type feeder. The return on investment in labor savings is dramatic.

- Suitable for bath or other types of blankets or bedspreads.
- The Edge spreader/feeder electronically finds blanket corners automatically for operators and eliminates the need to carefully insert linen into clips or clamps.
- Because the Edge electronically locates blanket corners, the operator only has to quickly place (toss) the blanket onto the high speed in-motion input conveyor, saving time and effort.
- The blanket does not have to be placed square, straight or centered because the Edge automatically performs all these tasks.
- Dual angle air pulses reliably deliver accurately fed blankets to the folding section.
- Spreading is performed by inverter-driven timing belt with microprocessor-controlled tensioning that gently stretches linen for a high quality laydown.
- For quality control, the Edge's open design with clear acrylic panels allows operators to view pieces as they are being spread.
- Space saving design offers maximum productivity in a smaller footprint.
- Connectable to Chicago automatic data accumulation and reporting system as well as third party metric systems.

## MAXX **BLASTER**™

When even more production is required, the Edge Maxx with its dual input direct continuous motion design produces an even higher volume of pieces per hour. With two independent feed stations, the Edge Maxx offers substantially more capacity and throughput.

### Added Features of Maxx Blaster

- The ultimate combination for the fastest and most efficient processing of bath blankets and similar linen items.
- Same great features and efficiency as the Edge/Skyline blanket finishing system while saving an additional three to four feet of depth of precious floor space.
- Standard auto-adjust variable speed drive adjusts folder to match changes in feeder speed to maintain required speed differential.
- Two individual continuously moving cornerless feed inputs available to maximize blanket production.
- Piece counts are recorded at each loading station to provide accurate production numbers for individual operators.
- An automatic floor reject conveyor brings misfed items back to the front center for easy removal, keeping the floor spreading area clear so operators can concentrate on maximum throughput.
- Can also be operated efficiently with one operator during off-peak demand periods.
- More efficient and reliable than machines that must perform an extra 180 degree "flip" of the blanket before entering the folder.
- A full length fluorescent inspection light illuminates spread items for better quality control observation by operators. Maxx's open access-lighted design illuminates spread items and allows excellent operator observation of linen, movement, and spread/laydown.
- More compact and less complicated than side or diagonal corner loading feeders that must make an extra turn to rotate linen 90 degrees before entering the folder.
- State-of-the-art heavy-duty first crossfold blade and reversing conveyor crossfolding section efficiently handle a wide variety of thicknesses and weights.
- Chicago Automatic Reject Processor bypass system—allows operator to reject stained and torn items to separate area for rewash or sewing.

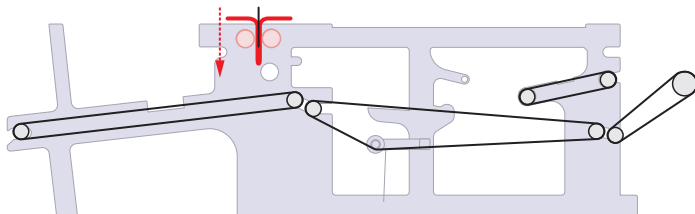
## SKYLINE BLANKET FOLDER

Designed specifically to primary and crossfold heavier materials including blankets and other linen items, the Skyline Blanket folding section incorporates unique folding technology to neatly and accurately fold and stack.

- Primary folds performed by the same traditional air pulse used on Chicago's best selling Skyline folder.
- The First crossfold is made by a heavy duty fold blade through pinch rolls.
- Chicago's second and third crossfold are made by Chicago's exclusive reversing conveyor method which produces jam-free crisp and accurate crossfolds every time before blankets are neatly stacked.

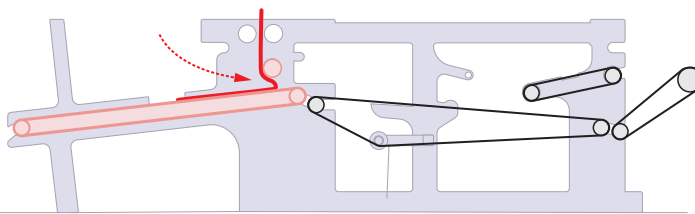
### BLANKET FOLDER CROSSFOLD OPERATION

#### First Crossfold



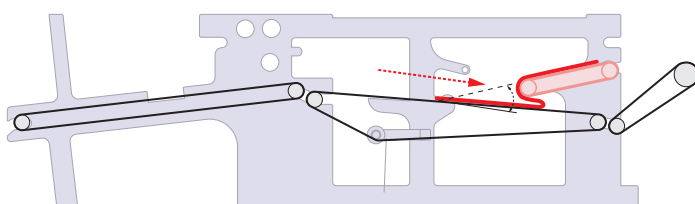
The **first crossfold** is performed by an oversized blade assembly pushing the primary folded item through pinch rolls with timed air pulse assist to prevent blankets from wrapping around rolls. Independent inverter-driven first crossfold runs only when needed for less wear and to ensure precision item positioning for crossfolds.

#### Second Crossfold

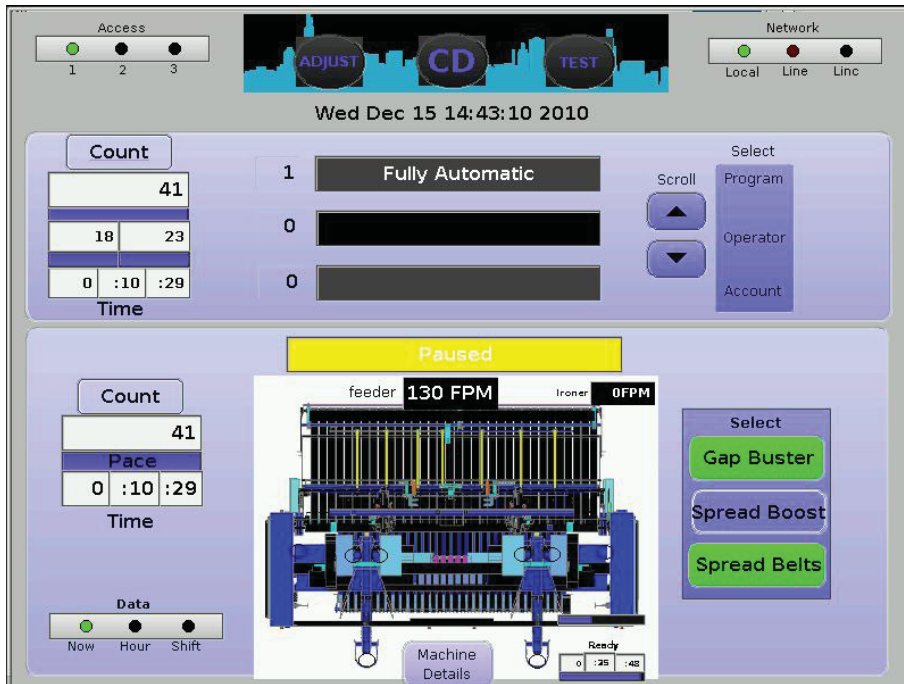


For improved accuracy and dependability, the **second crossfold** is performed by a clutch-free, inverter-driven reversing conveyor. The entire crossfold section is designed for open and direct access by maintenance personnel to keep production high and interruptions low.

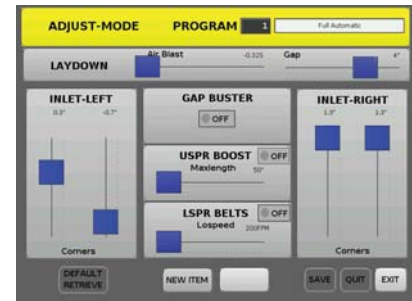
#### Third Crossfold



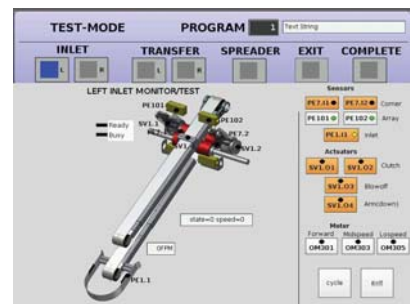
Finally, depending on item size and thickness, a **third crossfold** can be made by a combination of lifting guides and an inverter-driven reversing conveyor that raises and lowers to automatically compensate for thicker blankets, many types of bedspreads, as well as thinner items such as sheets.



Maxx Blaster Main Screen



Adjustment Screen



Test Mode Screen

All the traditional CHI features and functions such as automatic or manual item selection operation, piece counts, self-testing, fault display and built-in diagnostics are incorporated into an even faster PC-based color 12" display touch screen control. Its advanced architecture merges CHI's familiar simple intuitive control sequences with the technology to meet today's and tomorrow's needs.

Designed to meet the rigors of rugged laundry environments, the CHI-Touch platform offers better visualization of functions for operators, floor management, and service teams. Its graphical interface has the flexibility to work with current and future reporting and networking technology, while maintaining CHI's field-proven flexibility to work in any laundry's environment.

Chicago's Blanket Blaster uses the same logic and major components as other Chicago equipment to assure consistency, parts availability, familiarity and ease of use for operators, management, and maintenance staff.

Visit Chicago's website [www.chidry.com](http://www.chidry.com) for easy access to the latest floorplans, technical specifications, etc.

### A Complete Range of Separating, Feeding, Ironing, Folding, and Sorting Options

Because Chicago specializes only in flatwork finishing equipment, it can offer the world's widest range of high production separating, feeding, ironing, folding and sorting equipment. Complete flatwork finishing systems range from automated multi-roll systems producing over 2000 pounds per hour, to compact ironers for small on-premise laundries.

Chicago's performance record is unmatched in thousands of installations in commercial, hospitality, health care, textile rental, and institutional laundries. An experienced Chicago professional will be pleased to make an objective equipment recommendation based on your production,

space, utility and budget requirements. All equipment is designed and built in Chicago for complete quality control and prompt service and parts availability, including overnight delivery if necessary.

Contact your local Chicago distributor or the factory sales assistance office for a no-obligation analysis of your needs. Visit our newly redesigned and now mobile friendly website [www.chidry.com](http://www.chidry.com) for easy access to current product brochures, detailed floor plans, and specifications, as well as videos of select Chicago products in action.



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