

Spreader/Feeder for Large Items

# King Edge™ King Edge Vac™



## **FASTER AND EASIER CORNERLESS FEEDING OF LARGE ITEMS**

King Edge and King Edge Vac offer all the ergonomic and labor saving advantages of the patented "original" Chicago Edge cornerless spreader/feeder, with several added speed and convenience features. These models offer two-target loading systems, auto-lift operation, and a built-in small piece bypass conveyor. King series models are versatile performers for a wide variety of laundry applications processing large quantities of king, queen or standard size sheets and other large items such as table linen for both hospitality and healthcare laundries. Additionally, the ability to quickly and easily switch to processing small pieces, if needed, throughout the day can be accomplished with the small piece bypass system. King Edge Vac features an upgraded streamlined vacuum laydown to offer outstanding finished linen quality on heavy cotton items.

# Features

King Edge and King Edge Vac offer all the ergonomic and labor saving advantages of the "original" Chicago Edge cornerless spreader/feeder, with several added speed and convenience features for easy processing of large items.

All the patented features that have made the Chicago Edge the industry's leading automatic spreader/feeder...

- The world's first cornerless spreader/feeder – no manual corner finding or clipping required
- No manual lifting of linen to raised clip or station height required
- Convenient and ergonomically correct loading height for operators
- Eliminates one or more FTE's compared to clip or "one corner" feeders with faster production than ever
- Cornerless loading does not have to wait for moving station to return to position before next piece is loaded
- Next generation **CHI** panel microprocessor control directs all loading, spreading, feeding, and quality control functions
- Standard width model accommodates 120" (3050 mm) items. Optional widths include the increasingly popular 136" (3455mm) for wider linen.
- Optional **Chicago Automatic Reject Processor** stain/tear buttons for reject system available

PLUS the King Edge and King Edge Vac models also offer these additional standard features...

## Customized Models

Extra wide models including 130" (3300mm), 136" (3455mm) and wider are also available for processing oversized "California" kings, banquet cloths or other oversized items. (Consult factory for details.)

Multi-lane feeders and other special application feeding equipment are also available. (Consult factory for further information on these models.)

- Two-target system allows operators more flexibility when feeding larger sheets
- Automatic advancement of linen to upper spreading platform allows extended operator viewing time of items for stain/tear grading
- Increases finished production per operator hour
- Production rate for operator target can be displayed on the **CHI** panel
- Excellent visibility of all spreading and laydown functions with the added benefit of full length fluorescent linen inspection light which illuminates spread items for better observation by operators
- Automatic sequencing that does not require operator activation
- Rugged timing belt spreading with auto reject for misfed linen
- Multi-category spread and tension programs for various linen types
- Variable speed range of 30 to 150 FPM
- Modified discharge angle and transition to better accommodate heavy items
- Optional green/red pacing lights show operators and supervisors at a glance whether the system and each operator are producing at the standards set by management
- Connectable to optional CHILINC production data accumulation and reporting system for archiving and analysis of production and efficiency information



## Small Piece Bypass System Standard on Both King Models

The King Edge's built-in bypass conveyor allows small pieces to be fed through the machine without altering the position of the feeder or its discharge conveyor. This allows for greater versatility in handling a wide variety of laundry applications, such as pillowcases and napkins. The bypass also assists with the preventive maintenance program of the ironer by allowing a waxing cloth to be fed directly to the ironer. The greater adaptability of King Edge's new bypass with wider clearance means no moving of heavy machinery for everyday tasks.

# King Edge



## Faster and Easier Cornerless Feeding for King Size Sheets and Other Large Items



King Edge has added new speed and convenience features to handle large, heavy items. Its two-target system, auto-lift operation, and small piece bypass conveyor make it a versatile performer for a wide variety of laundry applications, including healthcare and hospitality. The King's dual angle air pulse dispersion design dampens and smooths both spreading and laydown of linen which improves the overall presentation of finished textiles as they enter the ironer for an improved quality finish. Most importantly, it continues the Edge's tradition of dependability, solid ergonomic principles, and excellent maintenance access to all components. Also available are optional trailing smoothing brushes, which eliminate wrinkles before ironing by maintaining proper tension, for high quality finished linen.

# King Edge Vac



## Vacuum Box Laydown with Air Assist for King Size Sheets and Large Items such as Table Linen and Duvets

King Edge Vac further expands the Edge family with a cornerless two-target system that allows two operators to feed sheets at a very rapid rate using an ergonomically correct method. Automatic advancement of linen to the lighted upper spreading platform allows excellent operator viewing of large items such as king sheets for stain/tear grading. Cornerless loading does not have to wait for moving station to return to position before next piece is loaded so operators can load at any time. Newly designed streamlined vacuum laydown offers outstanding fed linen quality on heavy cotton items including many types of duvets. King Edge Vac accommodates sheets from king to single size, table linen and other hospitality items. Built-in bypass conveyor allows feeding and processing of small pieces, such as napkins, without altering the position of feeder or discharge conveyor.



### Features for Advanced Wrinkle Control

- Pneumatically applied linen support brackets help to hold difficult large items, such as heavy 100% cotton Fretté sheets and tablecloths, straight
- Dual blowers create a powerful vacuum for a smooth leading edge
- Upgraded baffled vacuum and airfoil create a flat and straight laydown of linen into the ironer
- Air pulse also helps smooth leading edge
- Trailing smoothing brushes maintain proper tension on entire item to eliminate wrinkles before entering the ironer

# Dimensions and Utilities

## NOTE:

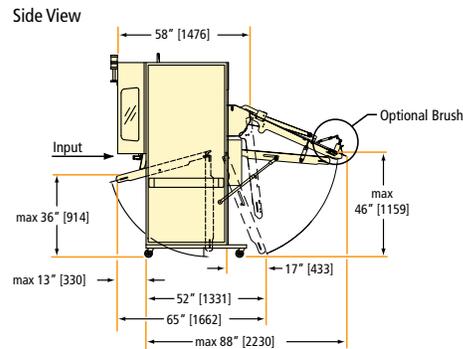
1. Specifications subject to change without notice. Consult factory for certified construction floorplan.
2. Millimeter dimensions are in [ ].
3. All dimensions are  $\pm 1/2"$ .
4. Utility connections are located as shown.
5. Wider models available — consult the factory for floor plans and specs.
6. Floor plans show standard width.

## King Edge

CONNECTION(S)	DIA.	HEIGHT
A Air Connection	1/2"	34-1/2" [876]
E Electrical Connection	—	52" [1320]

SHIPPING WEIGHT	
Domestic, lb. (kg)	3500 [1588]

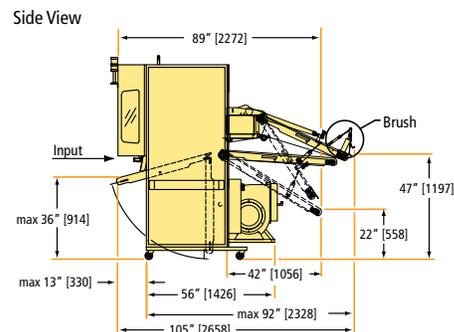


## King Edge Vac

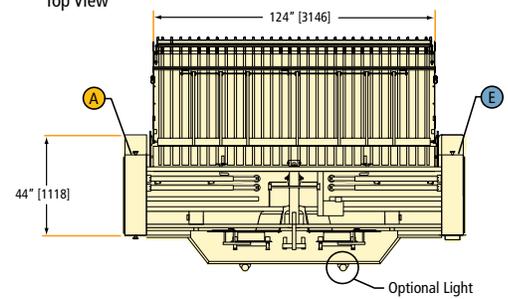
CONNECTION(S)	DIA.	HEIGHT
A Air Connection	1/2"	34-1/2" [876]
E Electrical Connection	—	35-1/2" [900]

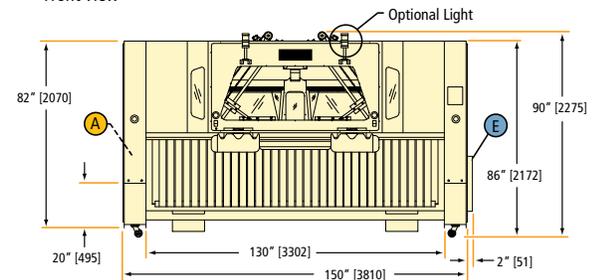
SHIPPING WEIGHT	
Domestic, lb. (kg)	5300 [2404]



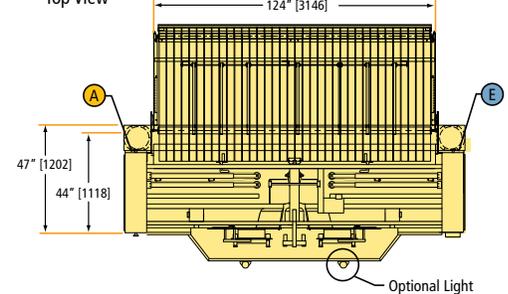
Top View



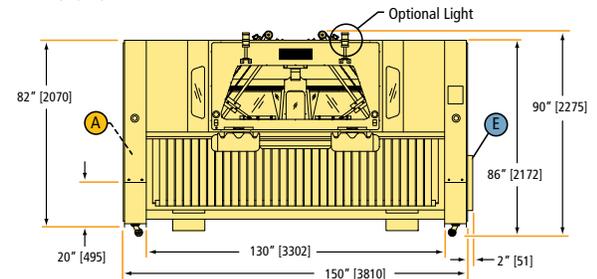
Front View



Top View



Front View



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

Chicago's EDGE spreader/feeder series is the world's leading cornerless feeding system. Each model offers labor saving solutions for the accurate high volume presentation of sheets and table linen into flatwork ironers and folders. All EDGE high efficiency spreader/feeder models eliminate manual corner finding so operators merely "toss" the sheet edge onto its front conveyor to load it. EDGE MAXX is the fastest spreader/feeder available for ironers operating at maximum speed.

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, textile rental, institutional, and on-premise laundries. An experienced Chicago professional will be pleased to make an objective equipment recommendation based on your production, space, utility, and budget requirements. Contact your local Chicago distributor or the factory sales assistance office for a no-obligation analysis of your needs.

Visit our website, [www.chidry.com](http://www.chidry.com), to learn more about our complete line of flatwork finishing systems including video of Chicago® equipment in action.



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