

Small and Large Piece Vacuum Feeder

# Rapid Feed™

**CHICAGO**®



## A Unique Method of Rapidly Feeding a High Production Ironer

Rapid Feed is a powerful and extremely compact vacuum feeder designed to produce more linen with top quality leading and trailing edges and less operator effort in high volume feeding applications. It can be used with small or large pieces and will improve both the quantity and quality of pieces fed. When placed in front of a high production ironer, Rapid Feed can be operated in one to five or more lanes, depending on item size. Operators merely place linen above the front edge input of the perforated ribbon conveyor with specially designed vacuum chamber which then stretches and holds wet linen firmly. A doffer roll then grips the linen's leading edge while the powerful vacuum chamber pulls back, agitates, and smooths the entire linen item and its trailing edge, all while rapidly advancing pieces through the system so operators can quickly start to handle the next item. At the exit, an adjustable stainless steel bar holds down the trailing edge to prevent it from snapping into the ironer. The result is a very high volume of pieces properly stretched and presented to the ironer for high-quality finishing. All in a newly designed compact footprint that is less than 50" (1276mm) front to rear.

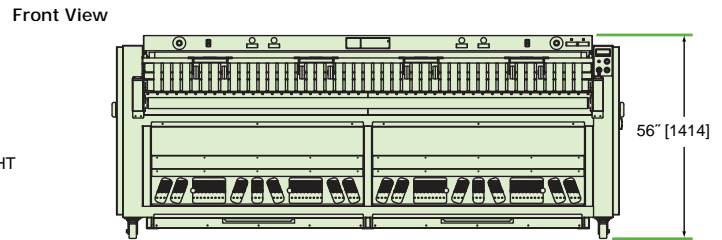
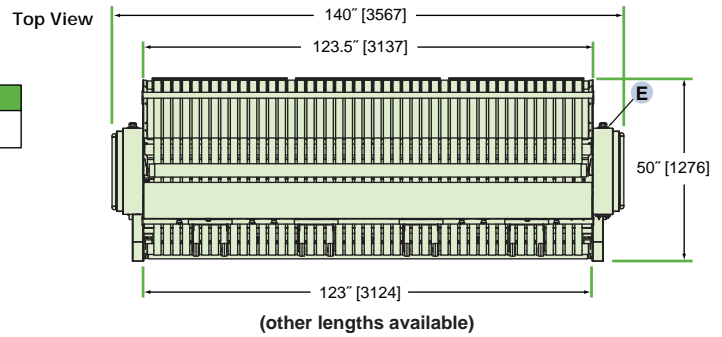
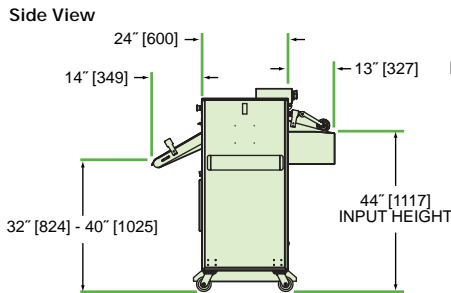
# Rapid Feed

## 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 +/- 1/2".
4. Utility connections are located as shown.

CONNECTION(S)	DIA.	HEIGHT
E Electrical Connection	--	10" [262]



## Features

- Improves ergonomics and working conditions for employees by mechanically performing the pulling and twisting motions normally required to be performed by operators by hand thousands of times a day.
- Doffer roll firmly grips the leading edge. It is also adjustable to three positions to allow for flexibility in feeding depending on operator comfort and linen size preferences.
- Four stop buttons across Rapid Feed's full width allows easy access from any operator position.
- Perforated ribbons allow greater air flow for vacuum suction across the inlet table.
- High volume centrifugal fans and a specially designed duct arrangement create powerful controlled air streams to hold, smooth, stretch, and feed flatwork.
- Ideal for highest quality finishing of pillowcases, napkins, and table linen.
- Most often used in 4 or 5 lane configuration, depending on piece width and production needs.
- May also be used to feed large tablecloths, sheets and duvet covers to increase finished quality and production.
- Operator handling time of each piece is significantly reduced so more pieces may be processed per hour.
- Compact footprint of less than 50" (1276mm) front to rear.
- Reduces gap between fed pieces and helps keep the ironer fully covered for maximum throughput.
- Variable speed drive can be adjusted to suit type of item being fed and ironer processing speed.
- Available in 120" (3050mm) or 136" (3455mm) widths for additional lanes of operation. Extra wide widths also available.
- **Clearvue** linen inspection light bridge provides low-profile high quality, energy efficient lighting for inspection of fed pieces.
- A galvanized steel plate under the exit ribbons reduces static and a specially designed finger bar improves transfer.
- Area under feed conveyor nose is open to accommodate linen cart or trough for easy loading access.
- Inverter-controlled suction fans can be adjusted to suit weight, size, and type of item being fed to assure optimum laydown.
- Excellent front access for easy lint removal through cleanout doors.
- Caster mounted.
- Optional Integrated stain/tear buttons for quality control.
- Optional automatic speed adjustment synchronizes to ironer speed.
- Optional curved feeding plates.



Clearvue linen inspection light bridge raises for easy access

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.

**CHICAGO**<sup>®</sup>



**CHICAGO DRYER COMPANY**  
2200 North Pulaski Road  
Chicago, Illinois 60639-3737 USA

Phone • 773.235.4430  
Fax • 773.235.4439  
Web • [www.chidry.com](http://www.chidry.com)  
Email • [chicago@chidry.com](mailto:chicago@chidry.com)

Bulletin #7576