

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 of the specially designed vacuum chamber which then stretches and holds wet linen firmly on the feed conveyor. A high speed doffer roll helps to rapidly advance pieces through the system so operators can quickly handle the next item. Optional guide wheels hold down linen's leading edge while a vacuum chamber pulls back, agitates, and smooths the entire linen item and its trailing edge. A specialized doffer roll at the top of the exit conveyor then grips the leading edge, preventing large pieces from being pulled back by the powerful vacuum. At the exit, a low pressure air bar ensures no flipped corners on the leading edge of large pieces, while 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.

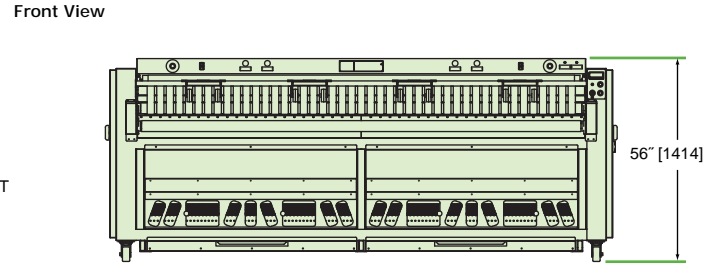
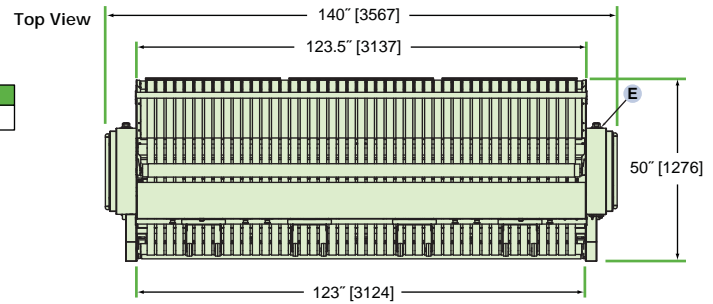
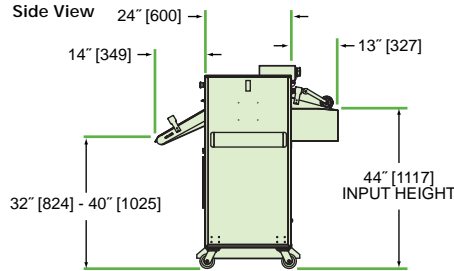
Rapid Feed

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

- 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 duvets to increase finished quality and production
- Improves ergonomics and working conditions for employees by mechanically performing the pulling and twisting motions normally performed by hand thousands of times a day
- Operator handling time of each piece is significantly reduced
- Reduces gap between fed pieces and helps keep the ironer covered for maximum throughput
- Caster mounted
- Variable speed drive can be adjusted to type of item being fed
- Available in 120" (3050mm) or 136" (3455mm) widths for additional lanes of operation. Extra wide widths also available
- Compact footprint of less than 50" (1276mm)
- **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
- Integrated stain/tear buttons for quality control
- Area under feed conveyor nose is open to accommodate linen cart or trough for easy loading access
- 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
- Optional automatic speed adjustment synchronizes to ironer speed
- Optional hinged exit conveyor easily lifts for greater accessibility to front of ironer without having to move the entire feeder away from the ironer

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, 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, to learn more about our complete line of flatwork finishing systems, including video of Chicago® equipment in action.



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

Phone • 773.235.4430
Fax • 773.235.4439
Web • www.chidry.com
Email • chicago@chidry.com