

Accumulator

AIRCUMULATOR CAROUSEL™

CHICAGO®



Small Piece Multi-Lane Accumulator

Chicago has combined **Chicago High Intelligence** microprocessor control, air pulse precision, and advanced inverter technology to offer Aircumulator Carousel, a multi-lane labor saving system that automatically receives flat small pieces such as napkins or pillowcases from a flatwork ironer for stacking onto multiple lanes of storage bars. Each lane of storage bars works independently and automatically advances its completed stacks of small pieces forward to the next storage or removal position after the pre-selected stack quantity has been reached. Up to four stacker bars of accumulated small pieces (three full bars and one bar in process) can be held in each lane.

The Carousel is available in a standard choice of four or five lane models with a maximum working piece width per lane of 27" (685 mm) on the four lane model and 22" (558 mm) on the five lane model. Up to 50 pieces, depending on fabric, may be accumulated per bar. The maximum unfolded piece length that may be stacked is 40" (1016 mm). Consult factory for information if actual piece sizes differ from these parameters. Carousel is also available in other multiple lane configurations. Consult factory for dimensions and floorplan.

An optional **Multi-Lane Bypass Section** can be moved into position over the storage bar area of the Aircumulator Carousel to allow bypass of the accumulating function and discharge of unstacked pieces to a rear table while other lanes may stack items onto multiple storage bars in each lane.



3 Lane Bypass

Aircumulator Carousel Features and Controls:

The bars in each individual lane advance one position as each stack is completed in that lane. There is also an operator advance button for each lane at the rear of the receiving area. Standard equipment includes LCD counters for each lane to indicate both the completed number of pieces and the total desired stack count. A unique feature of the Aircumulator Carousel is a moving reject conveyor on the bottom of the carousel to continuously clear rejected pieces to the rear for convenient operator removal from behind the unit without reaching into it.

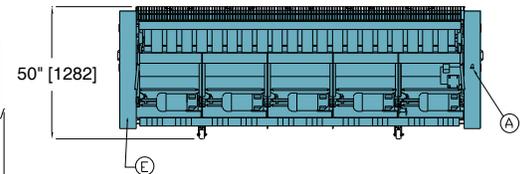
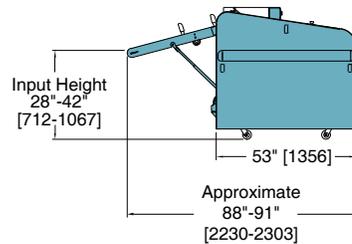
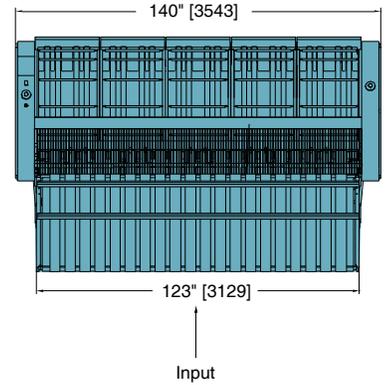
Three completed stacks (in addition to the stack in progress) may be stored in each lane before operator removal is required. Production capacity depends on piece size, ironer speed, and the efficiency of ironer feeders.

Flexibility, high productivity, and significant savings at the labor-intensive receiving end of a high production small piece finishing line make Aircumulator Carousel the choice for laundries requiring an outstanding combination of speed, accuracy, and reliability.

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
(A)	Air Connection	3/8"	27" [686]
(D)	Compressed Air Drain	n/a	-
(E)	Electrical Connection	-	8" [203]



Skyline SP Series

If multi-bar storage in each lane is not required, consult a Chicago professional for information about **Aircumulator Solo**—the Chicago single bar accumulator system. If the flexibility to fold and stack small pieces, as well as stack only unfolded small pieces is required, the **Skyline SP** folding/stacking series should be considered. Consult Chicago Skyline brochure #7524 or Skyline SP brochure #7525 for details. Aircumulator may also be built into a new Chicago Skyline large piece folder as original equipment if the flexibility to fold large and small pieces, as well as the ability to stack small pieces is required.



Aircumulator Solo

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. 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.



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