



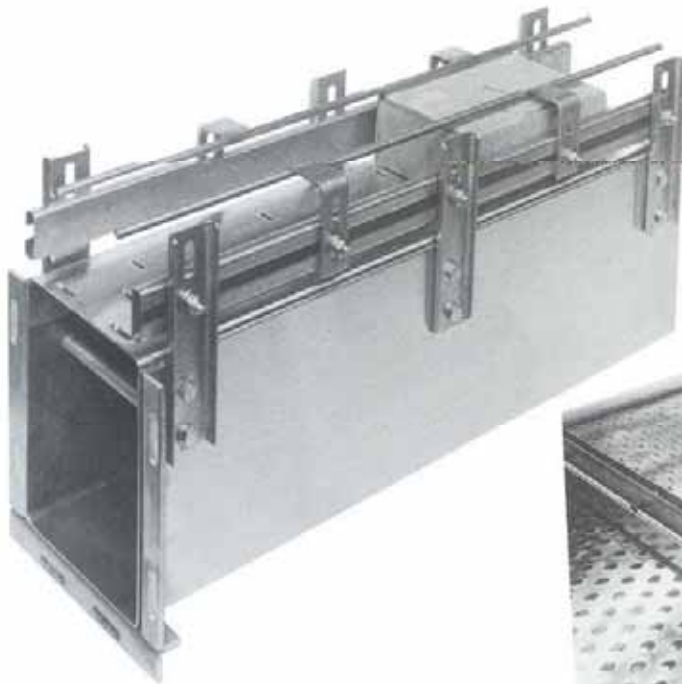
CONTAINER HANDLING SYSTEMS CORP.
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AIR CONVEYORS



Container Handling Systems' line of Air Conveyors, offers a unique modular air deck channel design which is both versatile and economic. A wide range of standard air decks are pre-engineered for different containers and applications which fit into a standard conveyor frame design. This line of Air Conveyors is available with a wide range of accessories to handle cans, plastic containers, P.E.T. bottles, cartons, and caps. Blower assemblies are offered with totally enclosed filtered housing to reduce noise and dust.

Air Conveyor Systems can be incorporated with any other Container Handling Systems Corp. Conveying Equipment to provide a Fully Integrated Conveyor System.



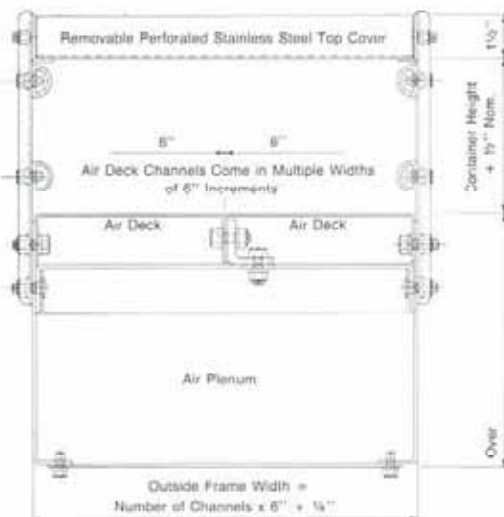
Customized to handle lightweight cartons, Air Conveyor Systems provide low pressure accumulation and handling flexibility that help improve line efficiency. These conveyors are available with radius turns, inclines and declines, to suit a variety of layout arrangements.



The Standard Container Conveyor Air Deck Pattern has lifting holes and directional louvers on the Stainless Steel Deck. Top Covers are deburred, perforated and formed to channels that are fitted to the top frame so they can be easily removed at any point.

Using various combinations of lifting and directional openings with the standardized deck plate, various flow characteristics can be achieved. Top covers are fabricated to eliminate catch points that interrupt container flow. A variety of guide rail configurations can also be employed to suit individual container requirements.

The Modular Channel Design offers economics through engineering programming and fabrication of Standardized Deck Designs within Common Conveyor Frames. A series of Air Deck Patterns allow Air Conveyor Systems to be tailored to a variety of containers or applications. The Multiple Channel Design also provides strength and precision alignment of the Air Deck to maximize container handling performance.



SPECIFICATIONS:

MAIN FRAME:

11 Ga. Painted Mild Steel
12 Ga. Polished Stainless Steel

AIR DECK:

16 Ga. Stainless Steel Formed Channel (6" x 1 1/2"). Formed to Assure Trueness, With Multiple Air Flow Patterns.

BOTTOM COVER:

Removable Cover To Match Main Frame Construction.

TOP COVER:

16 Ga. Perforated Stainless Steel, Deburred From Sharp Edges, Formed Channel (12" Section x 1 1/2" x Conveyor Width), Formed To Assure Trueness, Fitted To Sub Frame For Easy Removal.

SPLICE ASSEMBLIES:

3/16" Angle Weldment To Main Frame On Three Edges, Bolt Together Construction With Gasket Seal.

SIDE RAILS:

Plastic Covered 3/4" Aluminum Half Round On Formed Channel Uprights. Alternates Are Available Upon Request. (see above)

BLOWER DRIVES:

Heavy Duty, High Efficiency Air Foil Fans Driven From Motor Through Belt Drive Assembly To Reduce Vibration.

Total Enclosed Housing To Reduce Noise Level Mounted To Conveyor Frame. All Sides Easily Removable For Access Into Blower Drive.

Damper Control With Manual Lever To Adjust Air Pressure.

Industrial Size Air Filters Mounted On Exterior Frame For Easy Replacement.

Manometer Indicator At Each Blower Location To Check Air Pressure.