

## TUNNEL FREEZER

**MARTIN/BARON** tunnel freezers are known throughout the world for their quality construction and high level of cryogenic application and mechanical engineering. Whether the need is to flash-freeze or simply refrigerate food or other substances, **MARTIN/BARON** has the engineering know how and manufacturing capabilities to answer all your requirements. Regardless of which cryogen or size freezer best suits your application; **MARTIN/BARON** has the *right* product for the *right* price

- Stainless construction, U.S.D.A. approved.
- Modular construction allows for easy expansion when required.
- Heavy duty stainless steel belts with variable speed drive system designed for varying dwell times. Maximum heat transfer is accomplished by the strategic placement of the fans and by proper design of gas flow patterns.
- Belt speed and temperatures displayed in digital form provide for maximum control and efficient use of the cryogen.
- All operating controls are state-of-the-art, and can be located on the freezer or at some remote location. Stainless panel boxes available and all panel boxes are water-protected and provided with the proper power requirements or the job.
- 4" thick closed cell, foamed-in-place polyurethane insulation throughout, ensures maximum cryogen containment thereby reducing waste and operating costs.
- Waste gas is collected in a built-in exhaust chamber with a duct collar. Blower systems and required ducting supplied by buyer. Martin/Baron will provide engineering assistance in sizing requirements.
- The freezer is shipped fully assembled or in easy to assemble modules.

### Quality Construction Features

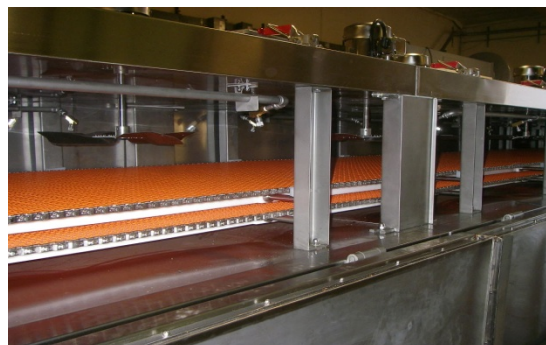
**USDA approved construction throughout. NEMA 4X control boxes and instrumentation. Controls can be UL listed and are mounted on side of cabinet. Interior and exterior case is 16-gauge stainless steel, type 304 throughout. Entire cabinet internally supported by heavy gauge welded steel frame assembly. Insulation 4" thick closed cell foamed in place polyurethane. Fan motors to be heavy duty, washdown type with stainless steel shafts and stainless steel fan blades. All joints are continuous TIG welded, ground, polished and blended into a homogenous one-piece component whenever required. Product zone constructed without seams. Full size doors with stainless steel gaskets and heavy-duty triple chrome plated hardware. Safety release provided on inside of door. 3" square tubular stainless steel adjustable legs. Stainless steel temperature sensor. All refrigerant valves are included. Welded duct collar provided on top of cabinet for attachment to approved insulated ductwork and exhaust blower by others.**



Martin/Baron Tunnel



Tunnel Entrance: Shown with Omni-Line Belt



Tunnel Interior. Doors drop down allowing easy access for cleaning and maintenance. Notice stainless fans and UHMW belt supports.