



## ✕ Trends in the Cold Storage and Transportation Industry

Alba partnered with an industry-leading systems integrator to tackle a complex project in a cold storage distribution center. The end user is a pioneer in the global, cold-storage warehousing and transportation industry.

Cold Chain Logistics is indispensable as a company which receives perishable and temperature-controlled products safely without damage or spoilage. Products commonly needing cold storage are perishable foods (dairy, fruits, meat, seafood, and vegetables), nutrients, pharmaceuticals, plants, and flowers.

With the advent of COVID-19, the consumables industry experienced a shift. While the demand for restaurants and other service industry related businesses (hotels, convention centers, sporting events, bars et cetera.) declined, consumer/retail consumption increased exponentially with shelter-in-place, grocery pick-up, and door-to-door deliveries. consumer/retail consumption increased exponentially with shelter-in-place, grocery pick-up, and door-to-door deliveries.

“ According to an industry expert, growth in the cold storage industry as a whole is steady at one to two and a half percent. First, it's driven by population growth... and then second, by the move towards healthier living and lifestyles. ”



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~Product~  
**40" x 48" GMA,  
CHEP and PECO  
Pallets  
on 40" x 48"  
System Boards,  
3,000 lb.  
Maximum**



...we are seeing an increase in automation in temperature control, albeit it's still a very small percentage here in the U.S. – less than one percent of our facilities are automated. That is starting to shift. The reason, automation obviously takes out that labor component. Pre-COVID, we were running at unemployment levels that were close to two percent. So, it wasn't about replacing costly labor. It was about being able to find labor to work in zero degrees.



### Conveyor/Product Specifications: Over 300 Conveyors of Different Types

- Model No. 251160-4.5 Chain Driven Live Roller Conveyor
- DC - R80-3S-Strand Drag Chain Conveyors
- TFT 251160-4.5 Pop-up 3-Strand Chain Transfers with Hydraulic Power Units
- Model No. 251160-4.5 Chain Driven Live Roller Conveyors Mounted to Lift Tables
- Model No. TT251160-4.5 Chain Driven Live Roller Conveyor Turntables with Motorized Bases

### Value-Added Features

- Hydraulic Power Units
- Hydraulic Driven Blade Stops
- Photo Eye Mounting Brackets
- Pre-Installed Adjustable Guiderail
- Adjustable End Stops
- Fork Truck Barriers
- Fork Truck Wheel Stops

For this sub-zero application, Alba's engineering team worked with the system integrator's engineering team to make the system fit in tight places, running in -10° F environment. Another essential way we made the system integrator's life easier? We shipped the conveyors fully assembled which dramatically decreased installation time. More importantly, this is the end user's second Alba-related installation. They are enthusiastic about the durability and quality of our conveyor systems.