



## CUSTOMER RESULTS



“When selecting special equipment, we take stability and reliability very seriously. Our top priority is zero safety accidents and warehouse uptime. This explains why we choose Crown.”

**ZHANG Miao**  
Deputy General Manager  
CAHG (Tianjin) International  
Trading Co., Ltd.  
TIANJIN

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# CAHG Cold Chain

## Top Priority Is to Ensure Warehouse Uptime and Zero Safety Accidents

### APPLICATION

CAHG (Tianjin) International Trading Co., Ltd. was established in 2007. It is located in Dongjiang Bonded Port Area - Tianjin Free Trade Zone with major business in import and export of frozen food and logistics services. CAHG Cold Chain Division was established in 2017 to provide complete cold chain services for CAHG Group. With the continuous development of the business, CAHG currently runs 22 warehouses nationwide by means of self-owned, rental, workload and technology consultancy.

### CHALLENGE

The CAHG Cold Chain warehouse located in Beijing-Tianjin Logistics Park covers an area of 11,000 sqm. When the facility was rebuilt into a cold storage warehouse, the goal was to fully utilize the warehouse space while taking many factors into consideration, such as construction cost, energy consumption, product size variations and practical storage space. In the project design stage, the project team conducted a field survey of various options, including a very narrow aisle (VNA) solution, four-way shuttle and cargo elevator, to find the best solution to meet their needs in ROI, operational efficiency, management and other aspects.

### SOLUTION

The CAHG project leader has deep roots in the cold chain industry and has unique insights into cold storage construction and operation, as well as being very familiar with cold storage equipment. After comparing various options, they ultimately selected a VNA solution and chose Crown as the forklift supplier. The main reason for choosing Crown was based on the stability and reliability of Crown products. For CAHG, the top priority is to ensure the warehouse operations and zero safety accidents.

The completed warehouse area has a height of 18 meters. It includes a rack area of 7,000 sqm which can store up to 15,800 pallets. In this area, Crown TSP Series turret trucks are used, with a lift height to 16 meters to match the rack height. The optional cold storage cabin is equipped with heating systems to allow operators to work in a cozy environment. The staging area covers 3,000 sqm, where WT Series pallet trucks, PE Series pallet trucks and counterbalance forklifts are used for transporting, loading and unloading lorries. The combined forklift fleet meets the busy daily in-and-out material handling needs of CAHG.

### RESULTS

- Crown TSP Series turret truck helps CAHG truly utilize every meter of warehouse space
- The cold storage cabin allows operators to work in a cozy environment with improved comfort and efficiency
- The combined forklift fleet makes cold storage warehouse operations more efficient

**COLD STORAGE FLEET  
HELPS ENSURE  
EFFICIENT  
WAREHOUSE  
OPERATIONS**