



CUSTOMER RESULTS



“Crown’s Turret Truck is easily used and operated in VNA. With a heated cabin, the operator is comfortable and free from cold injury.”

Chunlin Liu
Equipment Manager
SinoTrans PFS (Shanghai)
Waigaoqiao Warehouse

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REAL RESULTS.

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SinoTrans Preferred Freezer

Preferred Freezer Uses Crown’s Cold Storage Trucks to Boost Efficiency in the Freezer

APPLICATION

Preferred Freezer has operated in China under a joint venture since 2009, specializing in providing cold chain warehousing and logistics services. Its Waigaoqiao warehouse was built in 2011 and put into operation in 2012 with the storage volume of 26,880 pallets. With 3,000 pallets of freezer area, it is one of the biggest freezers in China. It is located in the Shanghai Pilot Free Trade Zone, only a 10-minute drive to the Waigaoqiao Dock.

CHALLENGE

The temperature of the warehouse is between minus 25 degrees Celsius to 25 degrees Celsius, while the freezer area is controlled at minus 18 degrees Celsius. Multiple measures need to be taken to protect the operators from cold injury and maintain productivity.

SOLUTION

According to the customer’s application and requirement, Crown provided a choice of solutions. For the cold storage applications, in addition to the anti-corrosion protection on the trucks, Crown provided AC-powered TSP Series turret trucks that operate in a rail-guided VNA application for man-up order picking.

According to the cold storage regulations, operators are obliged to rest for every 30 minutes operation if there is no heated protection. Equipped with an enclosed, heated cabin, the TSP Series turret trucks provide the operators with a comfortable working environment that enables them to operate more consistently and helps boost fleet performance in the subzero-degree environment. Averagely, each TSP can work in the freezer for over 3000 hours a year.

RESULT

- AC powered TSP turret trucks operate in a VNA application with rail guidance for man-up order picking
- With the enclosed heated cabin, the TSP Series provides the operators with a comfortable working environment and improved operator performance in the subzero-degree environment
- The current fleet of 10 TSP turret trucks can move over 3000 pallets a day and meet the customer’s need

MOVING
3000
PALLETS
PER DAY