



VNA Lift Trucks from Yale® optimise space utilisation and increase the productivity of the cold storages.

A global seafood company in India trusts them for round the clock operations.

About Cold Storages

Cold storages are being used across the world for storing a variety of perishable items such as vegetables, flowers, meat, fish, milk products, ready to eat (RTE), ready to cook (RTC) and ready to serve (RTS) food products, frozen seafood, medicines, chemicals and so on.

Usually, the Critical Control Point of cold storages is considered to be 4°C but certain products are to be stored at much lower temperatures, sometimes even -25°C. Frozen seafood is one such example. Due to lower temperatures, storing and retrieving of various items in such cold storage facilities is always challenging.

A global seafood company required lift trucks that were globally acknowledged as the best for use in cold storages.

When a leading frozen seafood company in India was setting up its additional cold storage facility, they were in search of an appropriate lift truck solution that could effectively overcome the problems being faced while using other makes of conventional lift trucks. The new cold storage was being designed for storing value-added seafood products for exports.

Challenges

- The sub-zero temperature of the cold storage necessitated the use of electrically-operated lift trucks of special design, particularly, the electrical and electronics. Not all lift trucks are designed and capable of performing in the cold storage environment.
- Effective utilisation of maximum available vertical space was demanded. This was particularly needed because a cold storage requires considerable investment and has very high running costs. Compact and efficient storage is one of the important needs of cold storages.
- In other cold storages of this company, where electric lift trucks of other makes are being used, operators are using bulky warm clothing to be able to work in cold environments. This was reducing the efficiency and posing a health hazard.



Solution

Yale has developed a range of lift trucks while keeping in mind the challenging requirements of cold storages. Their inbuilt features make them the ideal choice for cold storages the world over.

After understanding the storage needs of the new cold storage being planned, ElectroMech Yale recommended using its VNA (Very Narrow Aisle) lift trucks that have the following features:

- Height of lift up to 17m allowing effective use of overhead space.
- Elevating the operator along with the pallet provides the exceptional ability to perform piece-picking when required.
- VNA lift trucks have a compact design and a short turning radius, making them suitable for easy manoeuvre in narrow aisles.
- A compact storage also cuts down on travel distance, resulting in higher efficiency and allows better control on inventory.
- The qualities that make our VNA lift trucks most suitable for use in cold storages are –
 - Seamless construction and galvanized components that avoid contamination in food storage operations.
 - Cold-proof electricals and electronics that provide superior dependability.
 - The frost-free screen prevents condensation and the wide screen view offers maximum visibility.
- The ergonomic design reduces operator fatigue with comfortable seating, unrestricted movement and higher visibility.
- Features like heating for the cabin and defrost windows add to the efficiency of the operator.

ElectroMech Yale supplied 2 nos. of its Very Narrow Aisle (VNA) lift trucks to this company which effectively meet the requirements and fulfill all the expectations of the customer.

For after-sales service, all ElectroMech Yale equipment is supported by our expert team at Cranedge, a subsidiary of ElectroMech, and a service specialist for material handling equipment of various makes.

ElectroMech Yale offers a range of forklifts and lift truck solutions to effectively meet the challenging requirements of warehouses and various other industries. To know more, get in touch with us today.

Benefits

With the specially designed VNA lift trucks from ElectroMech Yale, the customer is able to achieve higher utilisation of their cold storage space and increased productivity. Also, a solution specially designed for the cold storage environment means better endurance, longer life and minimal maintenance of equipment. With their decision to opt for VNA lift trucks from ElectroMech Yale, the company was able to construct an optimal cold storage with the following features:

- High storage density resulting in reduced capital expenditure and operating costs
- Faster storage and retrieval of packaged food
- Selective reach allowing the operator to pick 'n place only required items
- Increased efficiency of the operator due to an ergonomically designed, cabin with heating facility
- High level of safety for the operator and the equipment
- Avoidance of food contamination
- Specially designed electronics that demonstrates trouble-free performance even at sub-zero temperatures
- Higher productivity and lower downtime as a result of globally acclaimed Yale® technology
- Assured after-sales support through an expert team



Customer speak

Its greater manoeuvrability, minimum downtime and operator comfort further increase productivity. Optimal utilisation of our cold storage space and higher productivity perfectly justifies our investment.



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