



Advanced reach truck solutions from ElectroMech Yale are helping a leading bottling plant of a beverage company to enhance warehousing efficiency and optimise space utilisation.

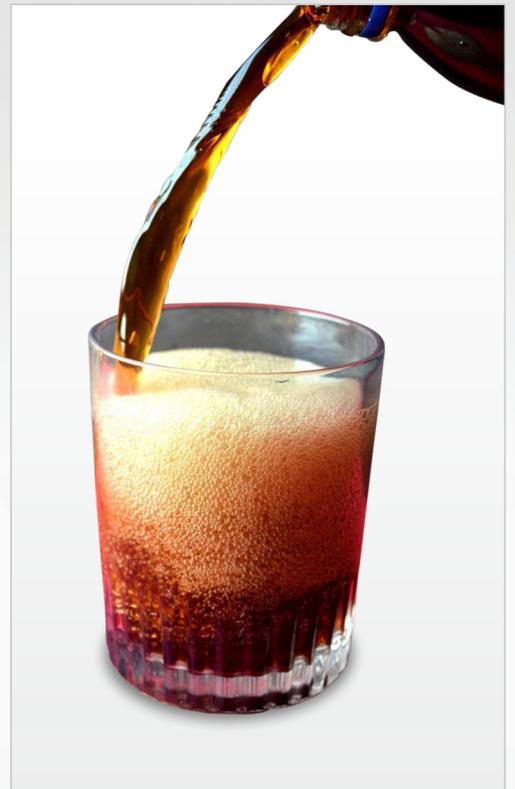
About Bottling Plants

Bottling plants are typically used for filling and sealing of liquid consumables for ease of handling, transportation and consumption. Bottling plants are employed for packing a variety of products such as aerated/carbonated drinks, energy drinks, fruit juices, flavoured drinks, beer, wine, syrups, mineral water and so on. The throughput of such plants varies from a few thousand to a few hundred thousand bottles every day.

Global brands of such soft drinks and beverages appoint franchisees commonly known as bottlers. The production volumes at such plants are significantly high and involve large-scale handling of crates of filled and empty bottles. The productivity and profitability of such bottling plants are largely attributed to economical warehousing and efficient logistics operations.

One of the largest franchisees in India of a global soft drink brand was looking for a solution for a high density, high efficiency warehouse.

When a leading bottling plant in India was in the process of setting up an additional warehousing facility, they were in search of an appropriate lift truck solution which would allow more height utilisation and increase the number of pickups. The new warehouse was being constructed for storing a few million bottles of soft drinks and beverages of a well-known brand.



Challenges

The large production capacity of this bottling plant required an equally efficient warehouse. In today's world, efficient logistics and distribution play a key role in determining the success of the brand and profitability for the company.

While keeping this aspect in mind, the company was looking for a modern, efficient and reliable material handling equipment for its warehouse. To optimise floorspace utilisation, the company was intending to utilise the full available height of 10.5 metres. Considering massive handling operations, the equipment also had to be capable of offering a high uptime. Even the downtime for fuelling or power-train maintenance of conventional fuel operated forklifts/lift trucks could hamper productivity. Besides, being a beverage plant, the pollution caused by conventional fuel trucks was also not desirable.

In short, this warehouse operating 24x7 needed a more reliable equipment that could allow a high density storage, match high frequency of storage transactions and operate on clean energy.

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Solution

After understanding the requirements, the ElectroMech Yale team recommended that these requirements could be best addressed with our reach trucks. Like all other Yale® lift truck solutions, which are globally acclaimed for their ergonomic design ensuring operator comfort, higher productivity, lower cost of ownership and serviceability, Yale® reach trucks are the best suited for dynamic warehouses.

The ElectroMech Yale team recommended the use of battery operated reach truck model MR16/R1.6 featuring a lifting capacity of 1.6t and lift height of 10.5m. Total 6 nos. of these reach trucks can efficiently handle 24x7 operations of the large warehouse.

Our reach trucks are thoughtfully designed and make use of cleaner energy like lithium-ion batteries, which can be charged easily and have a longer life. Features like horizontal battery extraction provide quick access and require minimum efforts during battery change. Quicker battery change means minimum downtime and higher equipment availability for productive use. Battery operated equipment is typically suitable in food and beverage warehouses as it does not emit fumes and avoids the possibility of contamination.

The most significant advantage of our reach trucks is their ability to manoeuvre comfortably in narrow aisles. This feature has helped in effectively using warehouse floorspace, thereby increasing storage density.

For after-sales service, all ElectroMech Yale equipment are 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

After deploying six reach trucks from ElectroMech Yale, the customer experienced a significant boost in its warehousing efficiency and is happy with its decision for the following reasons:

- Due to the use of reach trucks, it is possible to use the height of up to 10.5m. This has optimised floorspace utilisation and increased storage density.
- Reduced aisle space as the reach truck can be manoeuvred comfortably in narrow aisles. This has resulted in additional space saving.
- Higher safety as the reach trucks from ElectroMech Yale display great stability even while turning and carrying loads at greater height.
- Pollution-free working as a result of choosing battery operated models.
- Great operator comfort as all Yale® reach trucks are ergonomically designed.
- Negligible downtime because battery operated models have very few moving parts and even batteries can be changed quickly due to horizontal extraction.
- Higher productivity with increased speed of operations and lower downtime.



Customer speak

For our 24x7 operations, we can completely depend on the reach trucks supplied by ElectroMech Yale. They are the safest and the most productive solutions among those that we have experienced so far.



For enquiries, contact:

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