



A leading construction equipment company pairs Yale® BOPTs and Electric Stackers with existing lift trucks to increase rate of pallet handling and reduce floor damage.

About Construction Equipment Manufacturers

Construction equipment manufacturers offer large product portfolios and have a large number of SKUs. A store/warehouse spread over several thousand square metres is a unique feature of such companies. At such a store, large numbers of parts of various sizes, shapes and weights are usually palletised for ease of handling. Not only is the variety of components large, but the

number of store transactions is also massive. As a result, lift trucks are frequently moving into the storage area. The efficiency and productivity of these warehouses can be enhanced by deploying the appropriate combination of material handling equipment such as HPTs, BOPTs, lift trucks, reach trucks and stackers.

A global engineering company required BOPTs and Electric Stackers of advanced design and functionality.

The construction equipment giant has a large warehouse for storage of parts.

To complement their existing fleet of lift trucks, the company was looking for BOPTs and stackers that would enhance productivity and reduce damage to the floor caused by frequent movement of heavy lift trucks.



Challenges

The customer needed suitable equipment that could work well with the existing fleet of lift trucks for enhanced efficiency.

They mentioned a specific problem that fast and frequent movement of heavy lift trucks was causing repeated damage to the floor. For the new requirement, the customer expected a better solution that would be lightweight yet durable, efficient, and easy to operate and maintain. The new requirement was contemplated with three objectives:

- To meet the increased throughput demand
- To minimise the damage to the floor
- To increase the overall efficiency of the warehouse



Solution

Yale® offers a range of solutions for the different needs of warehouses and demanding operating conditions. After carefully evaluating the requirements of this warehouse, ElectroMech Yale suggested using a combination of their proven models of BOPT and Stacker.

Features of Yale® BOPT - MP20 UX

- The MP20 UX BOPT has an optimum structural design making it lightweight
- Spring-loaded and adjustable caster wheels improve lateral stability on uneven floors
- Built-in pressure relief valve protects the truck from overloading
- Low skirting on main chassis
- Enhanced performance and service life
- Better comfort for operator resulting in higher work efficiency
- Ease of battery replacement and fast charging

Features of Yale® Electric Stacker - MS15 XUX

- The MS15 XUX electric rider stacker has a low centre of gravity, which enhances stability
- Auto deceleration function
- Variable speed control
- Mast cushioning for low noise operation
- Cushioned ergonomic platform
- Low cost of operation while increasing productivity
- Quick battery change due to horizontal battery extraction

ElectroMech Yale supplied the customer 4 nos. of the BOPT model MP20 UX and 5 nos. of the Electric Stacker model MS15 XUX with 4.5m height of lift.

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.

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Customer speak

Yale® BOPTs and Electric Stackers have effectively addressed our concerns. Their lower wheel load is helpful in preventing frequent damage to the floor. Being electrically operated equipment with several unique features, we have witnessed a definite increase in warehouse efficiency.

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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

The new BOPTs and Electric Stackers have perfectly addressed the challenges faced by the customer. Being globally acclaimed technology equipment, they also offer major benefits like:

- **Reduced wheel load:** Both the equipment, BOPT and Electric Stacker from Yale® are lighter in weight as compared to lift trucks, resulting in lower wheel load.
- **Lesser damage to the floor:** By deploying the new equipment from Yale®, the requirement of lift trucks in the main area was limited. As a result, floor damage also reduced to a great extent.
- **Increased efficiency:** After deploying Yale® equipment, the cycle time has reduced compared to the earlier scenario. Also, there is a considerable increase in the rate of pallet transportation over short and long distances.
- **Low cost of ownership:** All Yale® equipment assures lower life-cycle-cost (LCC) as it requires minimum maintenance and has a long working life.
- **Operator comfort:** Yale® equipment is ergonomically designed, meaning great comfort to the operator, which results into higher efficiency even at the end of the shift.
- **Lower downtime:** Fast battery charging and quick battery changing increase the productive hours of the equipment.



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