



## At a waste paper supplying company, Yale® Diesel Forklift helps increase fuel efficiency, work efficiency and safety while handling heavy, compressed paper bales.

### About Paper Recycling and Paper Bales

Recycling is the process by which waste paper is converted into new paper products and thus waste paper is an important raw material for paper mills the world over. According to the EPA (Environmental Protection Agency), by recycling one ton of paper, we save 17 trees, 25,000 litres of water and 1,700 litres of oil.

Typically during the recycling process, waste paper is collected, sorted and stored in bales until it reaches the paper mill. Thereafter, it is shred and processed to form paper pulp which is then reused for making paper products. The companies that collect waste paper often compress it and convert it into bales for ease of handling and transportation.

**A leading waste paper supplying company wanted a reliable forklift to efficiently handle paper bales and load them into containers.**

The client is a leading waste paper supplier in India. Established in 2005, the company initially traded in paper products and subsequently diversified into supplying waste paper to paper mills across the world. They have a large facility at Nerul, near Mumbai, for storing, sorting, compressing and baling. The company despatches several hundred bales every day to multiple locations for which paper bales have to be loaded into containers or trucks.

### Challenges

For handling heavy and bulky paper bales, a forklift having a sturdy design is required. For loading bales into containers, the required height of lift was 4.5m with side shift arrangement requiring a forklift that was stable. Considering the voluminous operations, the forklifts were operated for 12 to 14 hours a day and continuous movement of material and people also meant frequent braking. This demanded a forklift which will ensure higher fuel efficiency and requiring minimal maintenance in order to keep operational costs in control.

The client was already using forklifts of other MNC brands and wanted substantial reasons and tangible benefits for switching over to the Yale® forklift. Hence, winning customer confidence by proving superior performance in terms of operational costs, ease of control, higher safety and reliability and most importantly, prompt service support was essential.



## Solution

Yale® has a proven range of lift trucks and forklifts for paper bale handling which are being used extensively by the paper industry the world over. For this particular application and work conditions, we recommended the use of the **ElectroMech Yale Diesel Forklift with 3.3 ltr. engine** with the following features:

- **Diesel Forklift:** 3.0t (Model – GDP30UX) with 4.5m height of lift and with side shift arrangement
- **OHG:** The forklift comes with high strength OHG (OverHead Guard) which features profiled steel with high-strength glass to enhance reliability and operator protection
- **Suspension Seat:** A full suspension seat that offers excellence in comfort, with an operator presence system fitted as standard
- **Wide View Mast:** The wide mast features an outside width of 720mm. It can significantly improve the driver's front field of view while increasing the safety and comfort of the operating truck
- **Small Steering Wheel:** The adjustable steering wheel is convenient for the operator as it provides 8 degrees of adjustment. It is also easy to navigate when working in narrow spaces
- **Japanese Engine:** The UX Japanese engine provides reliability, higher fuel efficiency and ease for sourcing replacement parts
- **Large Foot Room:** Spacious foot room design provides comfort, convenience and safety. The control pedal provides extra foot space which reduces operator fatigue and increases operator comfort.

**Diesel forklift 3.0t (GDP30UX)** supplied by ElectroMech Yale is helping the client to effectively meet their requirements and is fulfilling all their expectations.

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.

## Benefits

After extensive trials, the client was satisfied and we supplied them with a forklift with 3.3 ltr. Japanese engine and the model is being used regularly for handling and loading paper bales. This forklift delivers better fuel efficiency, nearly 25% more than the global competitor's diesel forklift with 2.6 ltr. engine which was being used by the client.

Besides, several inbuilt operator-friendly features help improve the operator's efficiency, meaning more pickups per shift. Like all other Yale® forklifts, GDP30UX demonstrates great stability even while carrying heavy and bulky loads as well as while operating at a height of 4.5m.

Higher fuel efficiency, lower maintenance and increased number of pickups mean reduced operational costs. The client team is happy with these benefits as well as their decision to opt for the new forklift from ElectroMech Yale.



### Customer speak

*We are able to save substantial fuel cost with the higher fuel efficiency of the Yale® lift truck. Its operator-friendly features are greatly helping in improving the overall productivity of our operations.*



*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!*



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