


Application for lifting of heavy duty gas cylinders using hydraulic column tail lift

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Challenges

- Nandan was approached by a reputed gas distributor in Mumbai for the lifting of medical oxygen cylinders during the pandemic
- They were losing a good chunk of time trying to manually lift & load these cylinders which was also turning out to be extremely dangerous
- A solution was needed which could be fitted on their truck easily & can be used by their drivers or operators without any issue.

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Solution

- We suggested them a smart solution of a hydraulic column tail lift which could be easily fitted on their existing trucks
- No major changes were required while keeping the weight of the truck in check
- These tail lift units were extremely easy to operate & reduced the loading & unloading time by half
- Safety of the operator was top priority

Results

- The whole process of loading & unloading was made easy without the need for additional personnel.
- The safety of the operator was increased greatly by removing the need for lifting the load manually.
- The superior after sales service network of Nandan meant that they could carry on with their operations all over India without the worry of any issues occurring & disrupting their time schedule.