

International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 2, February 2022

## **Modifying Hydraulic Stacker**

Bhavesh S. Pardeshi, Yash N. Sakpal, Vedant N. Mule, Viraj M. Patil

Department of Mechanical Engineering

Guru Gobind Singh Polytechnic, Nashik, Maharashtra, India

bhaveshpardeshi487@gmail.com, yashnsakpal@gmail.com, vedantmule123@gmail.com, pviraj832@gmail.com

Abstract: Nowadays most of the companies /industries use material handling/lifting equipment's on a large scale. All companies use various types of plating and coating machines, every machine has its specific container according to its size which is not available in every company; so they use their own containers or storing equipment's with the help of lifting machines like crane, stackers, etc. for transferring material from one container to the other which leads to time wastage and has high accident chances. This should be stopped, and hence we modified the material handling/lifting equipment in this project.

Keywords: Hydraulic Stacker, Container, Equipment

## REFERENCES

- [1]. [1] Hydraulic Data Book For Engineers by S K Likhi , Sanjay Kumar Sharma, New Age International (P) Ltd., Publishers
- [2]. [2] Construction, Working and Maintenance of Stackers and Reclaimers for Bulk Materials By K. P. Shah
- [3]. [3] The Definitive Guide to Warehousing: Managing the Storage and Handling of Materials and Products in the Supply Chain" by CSCMP and Scott B Keller.
- [4]. [4] "Site Control of Materials: Handling, Storage and Protection" by John E Johnston.
- [5]. [5] Guidelines for Safe Storage and Handling of High Toxic Hazard Materials" by Arthur D Little and Richard Levine.
- [6]. https://youtu.be/ITc3RWVdQqg
- [7]. https://youtu.be/7wvuWRva7Hk
- [8]. https://youtu.be/nmJxToUlnEU
- [9]. Best Reference Books SAN Storage Area Networks
- [10]. Energy Engineering Questions and Answers Fuel Handling System, Storage of Coal
- [11]. Best Reference Books Materials Management
- [12]. Best Reference Books Storage Management
- [13]. Storage Data Center Interview Questions & Answers
- [14]. Best Reference Books Advance Storage Area Networks