
VERTICAL WAREHOUSE



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Vertical Warehouse

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Dedication

This project is lovingly dedicated to our respective parents who have been our constant sources of inspiration. They have given us the drive and discipline to tackle any task with enthusiasm and determination. Without their love and support, this project would not have been made possible.

Acknowledgement

In the name of the **ALMIGHTY ALLAH**, the most Gracious and the ever merciful. Praise is to Allah the lord of the universe and prayers be upon his final **HOLY PROPHET MUHAMMAD** (PEACE BE UPON HIM), the cause of creation of this universe, who is forever a source of guidance and knowledge for humanity. Thanks to Him for giving us the source of power, guidance and strength to finish final year project of Electrical Engineering.

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Chapter 1: Introduction

1.1 *An Overview of Vertical Warehouse*

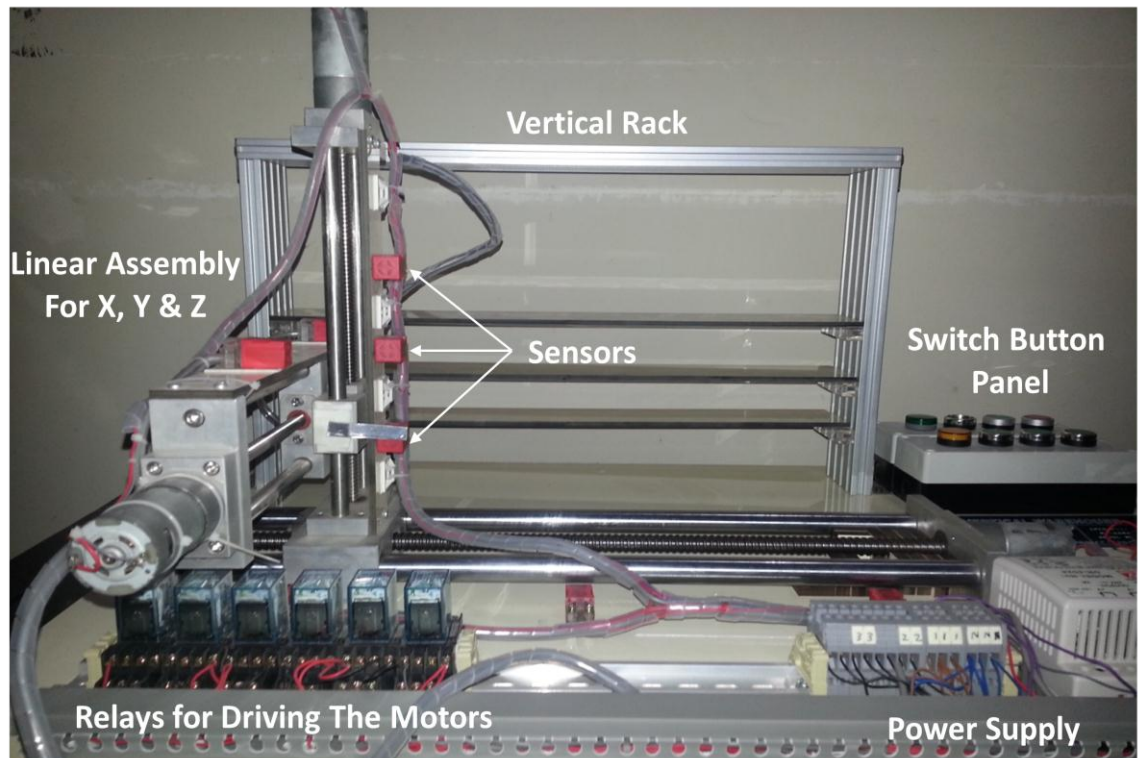


Figure 1-1 Overview

Vertical Warehouse

*A **vertical warehouse** is a commercial building where goods are stored in vertical racks.*

Purpose

In the modern age as population is increasing the space for living as well as storing the goods are reducing, so it is the need of modern age to keep more goods in small space so we are introducing the concept of vertical warehouse.

1.2 *Uses*

Warehouses are used by

- Manufacturers
- importers
- Exporters
- Wholesalers

vertical warehouse are large plain buildings in industrial areas of cities and towns. Sometimes warehouses are designed for the loading and unloading of goods directly from railways, airports, or seaports.

1.3

Warehouse Activity

- *Receive goods*
- *Dispatch goods to storage*
- *Hold goods*
- *Pick goods*
- *Dispatch shipment*



1.3.1: Recive Goods

accept goods from outside transportation or attached factory & accepts responsibility.

1.3.2: Dispatch goods to storage

Goods are stored & put away.

1.3.3: Hold goods

Goods are kept in storage & under proper protection until needed.

1.3.4: Pick goods

Items required from stock must be selected from storage brought to a marshalling area.

1.3.5: Dispatch the shipment

Orders are packaged, shipping documents are prepared goods loaded on the vehicle.