

**Auto Storage Store**



- Employs a computerized vertical lift, with a 4 chain system.
- Auto Store Lift works as a shelving unit, which is inter changeable as per customer requirements.
- These shelves can hold bins, or components according to the tray size and load capacity.
- These shelves can be adjusted in pitch of 25 mm and gap between two trays (Bing height + min 15 - 20 mm).
- Single Auto Store Lift can be used at multiple storage buildings having equal no of operating windows. One person can only operate the Auto Store Lift at on time.
- Increases storage area by more than 60%.
- Improves tool storage, storage of finished goods, bins, spare part etc.
- It is a noiseless system, with a minimal power consumption.
- Material can be taken out from the storage along with the storage tray.
- The entire storage system is enclosed in powder coated sheet metals, aesthetically in 2 tone colour.
- The system works on PLC with electronic control panel and is extremely user-friendly, which helps in controlling item numbers and quantity on receiving and dispatch.
- Can take value directly through supplier's SCADA.
- Can control overloading with proper input of inventory.



HMI Controller

**Metafold Auto Store :**

Auto Store is high class automated ergonomically designed which saves Manpower, Time, Fatigue level & most important 60 % of warehouse space which helps to enhance 5S & kaizen work flow.

**Size (mm) :**

Length : 1940, 2160, 2460.

Depth : 625, 825.

Wt. Capacity : 100 kg to 500 kg.

## AUTO STORE

### Advantages of Auto Store Lift

The Metafold Auto Store Lift raises storage and retrieval of materials to new height of sophistication as well as saving space and efficiency.

- Space Saving** : Use of vertical space up to 12 mtrs. and saving of space up to 60%.
- Cost Saving** : Manpower saving with effective workability.
- Time Saving** : Fast and safe retrieval at the touch of a button.
- Easy Operation** : No searching or walking for materials required, without stretching, bending or climbing.
- Advanced Technology** : Advanced control system (SCADA) is available (Optional).
- Safety** : Completely enclosed machine with shutter, lock & safety curtains, with height measurement sensor at the access.
- Elegance** : Auto Store Lift is very elegant and helps in keeping the store neat & clean.  
Auto Store Lift is used in almost every industrial segment such as electrical, electronic, engineering, pharmaceutical, plastic and food industry to store tools, dies, medicines, raw materials, office documents etc.
- Access** : To access different locations of trays, the speed varies depending upon the distance traveled by the lifter carrier. Vertical speed goes up to max of 20 mtrs. / min depending upon the total height and while horizontal speed is 12 mtrs. / min.

### Auto Store Lift Model

Model	Load Capacity Kg	Tray Depth mm	Tray Length mm	Max machine height mm	Total unit load capacity Kg
M-300	UPTO 300	625 & 825	1200/1500 1800/2000 2200/2400	4000/4500 5000/5500 6000/6500 7000/7500 9000/9500 10000/10500 12000	35000
H-500	UPTO 500	625 & 825	1200/1500 1800/2000 2200/2400	4000/4500 5000/5500 6000/6500 7000/7500 9000/9500 10000/10500 12000	50000
HD1-750	UPTO 750	625 & 825	1200/1500 1800	4000/4500 5000/5500 6000/6500 7000/7500 9000/9500 10000/10500 12000	65000

**Note :**

Average access speed -  
Vertical - 22 mtrs / minute  
Horizontal - 14 mtrs / minute