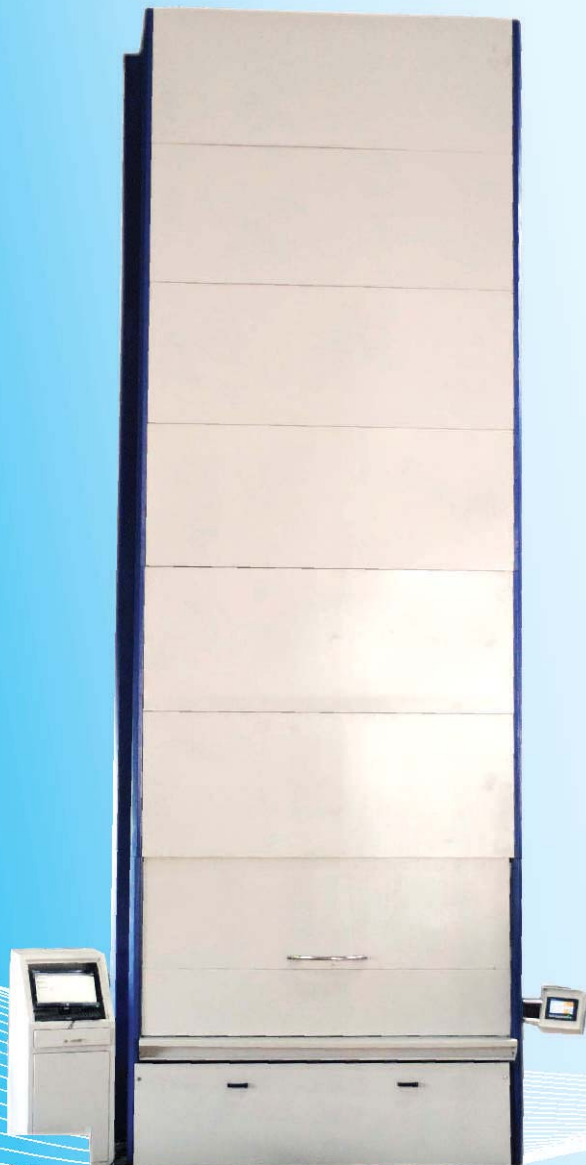




Stolift

Modular Automated Storage & Retrieval System (Shuttle)

This type of storage system is a recent development combining advantages of several other systems. It is compact, sturdy and ensures fast retrieval.



**Simple yet powerful Vertical lift technology
with the Stolift from Space Magnum**

The concept

It is an advanced and powerful storage system provided with sophisticated PLC controller and yet very easy to operate. PLC controlled platform brings special material carriers from the control station to a particular storage location & vice-versa.

At the operating window, material can be placed on to the retriever tray. When its location / part number is entered, it will be automatically placed at the pre-determined location in the storage rack. For material retrieval, entering the part number activates the retriever, which reaches the designated rack and retrieves it to the operating window. Very simple and very fast.

Where to use ?

The system is ideal for mid-sized and mid-weight components / items / parts which need safe storage, fast retrieval and precision inventory control. And also, the height utilisation is possible and required.

Advantage over vertical carousel system

- No load imbalance
- Pitch of trays can be altered and is flexible
- Multiple pitches can be provided
- Fixed pitch or optimized pitch (Machine automatically allocates space, considering the component height)
- Flexo at 75 mm to 900 mm pitch
- Machine height can be increased at a later date
- Power consumption is very less compared to vertical carousel
- Capacity can be increased at a later date
- No vibration or jerks during the operation
- Machine capacity is designed for 20 Tonne and 40 Tonne
- Material can be taken out from the machine along with the trays
- Further automation is possible for transferring of materials through material handling systems
- Bar code scanner can be connected externally to the machine
- Material can be accessed from the top (easy accessibility)
- Auto Door Provided
- Work table weight carrying capacity facility available

Storage ideas resulting into: Capacity² Efficiency² Safety²



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Benefits

Quick retrieval

Since only the retriever moves to locate and retrieve tray / material, the speed can be higher, ensuring fast retrieval.

Food space saving

Floor space can be saved to a great extent (40%) since the entire available height is being used and even the operating windows can be provided at 2 or 3 different levels.

High safety of material

Material is stored in completely enclosed racks, ensuring safety from theft, dust, mishandling or damage.

Manpower saving

Due to complete automation and speedy retrieval, manpower is saved to a considerable extent.

Inventory control

Material is retrieved only after entering the part number & quantity and hence, precise control on the inventory can be achieved.

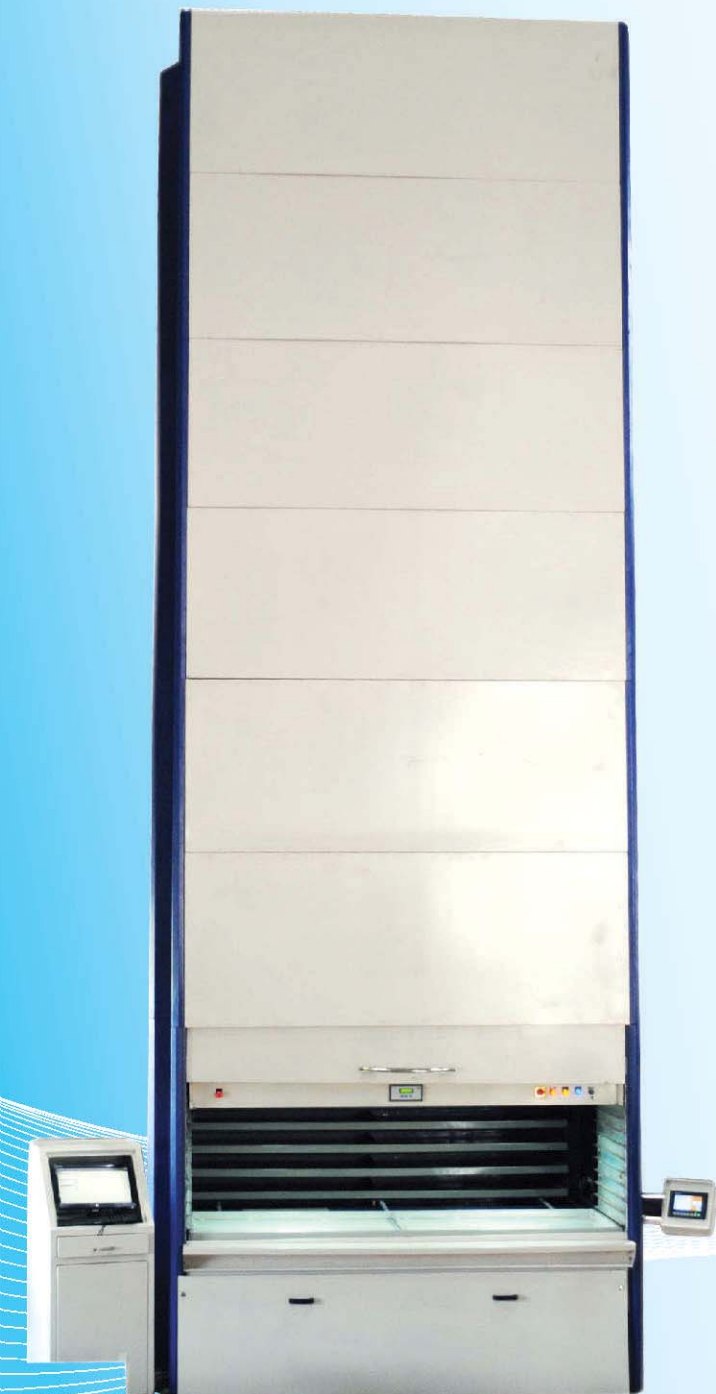


Storage ideas resulting into: *Capacity² Efficiency² Safety²*



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Trays with plastic boxes



Trays with modular side-walls, partitions and dividers



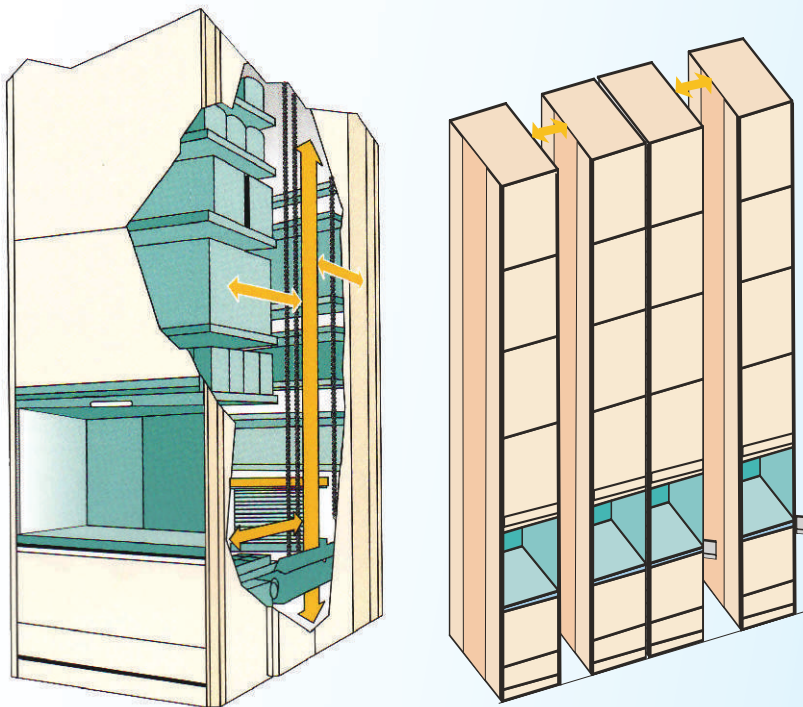
Trays for Euro-pallets



Trays with modular side-walls and plain partitions



Trays with a tool holder system



Tray Size	Tray Capacity	Machine Height
620 x 1220	250Kg/500Kg.	Machine height depends on your ceiling ht & tray Qty depends on the material height, and Flexo at 75 mm min 150 mm.
1550	250Kg/500Kg.	
1850	250Kg/500Kg.	
2150	250Kg/500Kg.	
2440	250Kg/500Kg.	
2750	250Kg/500Kg.	
2950	250Kg/500Kg.	
825 x 1220	250Kg/500Kg.	
1550	250Kg/500Kg.	
1850	250Kg/500Kg.	
2150	250Kg/500Kg.	
2440	250Kg/500Kg.	
2750	250Kg/500Kg.	
2950	250Kg/500Kg.	

Storage ideas resulting into: *Capacity² Efficiency² Safety²*