



CATALOGUE 2009

LOGISTIC STORAGE SOLUTIONS



High Rise Storage



Mobile Rack



FIFO Storage Rack



Mould Rack



FPO Bin Trolley



On Line FIFO



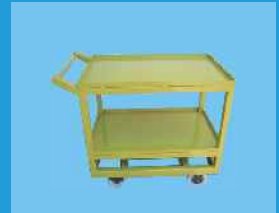
Pallet



Assembly Table



Tool Cabinet



Platform Trolley



CNC 'A' Type Trolley



Sheet Storage Rack



Mezzanine Floor



Auto Store Lift



Roller Track



Roto Store



Industrial Lockers



Conveyor



Pipe & Joint



Castors



Auto Store Lift

Auto store lift is ideal for mid-sized and mid-weight components/items/parts which need safe storage. Single person handled store, hence precise inventory control.



Metafold Auto Store Lift

- Employs a computerized vertical lift, with a 4 chain system or belt system.
- Auto Store Lift works as a shelving unit, which is inter changeable as per customer requirements.
- These shelves can hold bins, components or as per the tray size and load.
- These shelves can be adjusted in pitch of 25 mm and gap between two trays (Bin height + min 15 to 20 mm).
- Auto Store Lift can be used at 2 or 3 storage, building having equal no of operating windows. One person can only operate the Auto store lift at one time.
- Increasing area's storage by 60% or more.
- Improve tool storage, storage of finished goods, Bins, Spare parts etc.
- Power consumption is very less and no noise system.
- Materials can be taken out from the machine along with the storage tray.
- The entire storage system is enclosed in sheet metal, aesthetic in 2 tone colour.
- Works on PLC with electronic control panel and is user-friendly for

the operator.

- This helps to control item numbers, quantity on received and dispatch.
- Can take stock value directly through supplier's SCADA.
- Can control overloading if input of inventory is proper.

The Concept

- Auto store lift is a powerful storage system provided with sophisticated PLC controller and very easy to operate. Auto Store PLC controlled platform brings special material carried from the control station to a particular storage location & vice versa.
- At the operating window material can be placed on to Auto Store tray. When its location / part number is entered, it will automatically be placed at the pre-determined location in the storage rack.
- For the material retrieval, entering the part number activates the Auto Store to access the tray through the operating window.
- It is very simple and very fast.

The Benefits

- To access different locations of tray speed varies, depending upon the distance travelled by the Auto Store Lift carrier.
- Speed of vertical goes upto maximum of 20 mtrs./min depending upon the total height and horizontal speed 12 mtr/min

AUTO STORE LIFT STORAGE SOLUTION



Standard Model

Model Size	Standard Bin (mm)			Tray Size (mm)		Bin Qty / Tray	Unit Dimensions (mm)		Machine Height (mm)	Load Per Tray (kg) Min - Max
	Length	Width	Height	Depth	Width		Depth	Width		
ASL-1	300	200 To 400	Gap between two trays will be as per Height of Bin or components	820	625	8 / 4	1245	2385	3000 To 9000	100 To 500
ASL-2	300	200 To 400		1230	625	12 / 8	1655	2385	3000 To 9000	100 To 500
ASL-3	300	200 To 400		1640	625	16 / 8	2065	2385	3000 To 9000	100 To 500
ASL-4	300	200 To 400		2050	625	20 / 10	2475	2385	3000 To 9000	100 To 500
ASL-5	300	200 To 400		2460	625	24 / 12	2885	2385	3000 To 9000	100 To 500
ASL-6	300	200 To 400		2870	625	28 / 14	3295	2385	3000 To 9000	100 To 500
ASL-7	500	325		1020	670	4	1445	2520	3000 To 9000	100 To 500
ASL-8	500	325		1520	670	6	1945	2520	3000 To 9000	100 To 500
ASL-9	500	325		2020	670	8	2445	2520	3000 To 9000	100 To 500
ASL-10	500	325		2520	670	10	2945	2520	3000 To 9000	100 To 500
ASL-11	600	400		1220	820	4	1645	2970	3000 To 9000	100 To 500
ASL-12	600	400		1820	820	6	2245	2970	3000 To 9000	100 To 500
ASL-13	600	400		2470	820	8	2895	2970	3000 To 9000	100 To 500

Operating window level is 850 mm from ground.

Window Size is 1000 mm.

Lockable sliding door with easy movement.

All sensors controlled for safety.

Safety curtains and height sensors provided.

SCADA software is optional.

Desktop or laptop is not included in the system.

Finish : Powder coating

Side Cladding - Deep Blue

Trays, Front & Back Cladding - Ivory Glossy.