

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



High Rise Storage

Slotted Angle Storage Solution

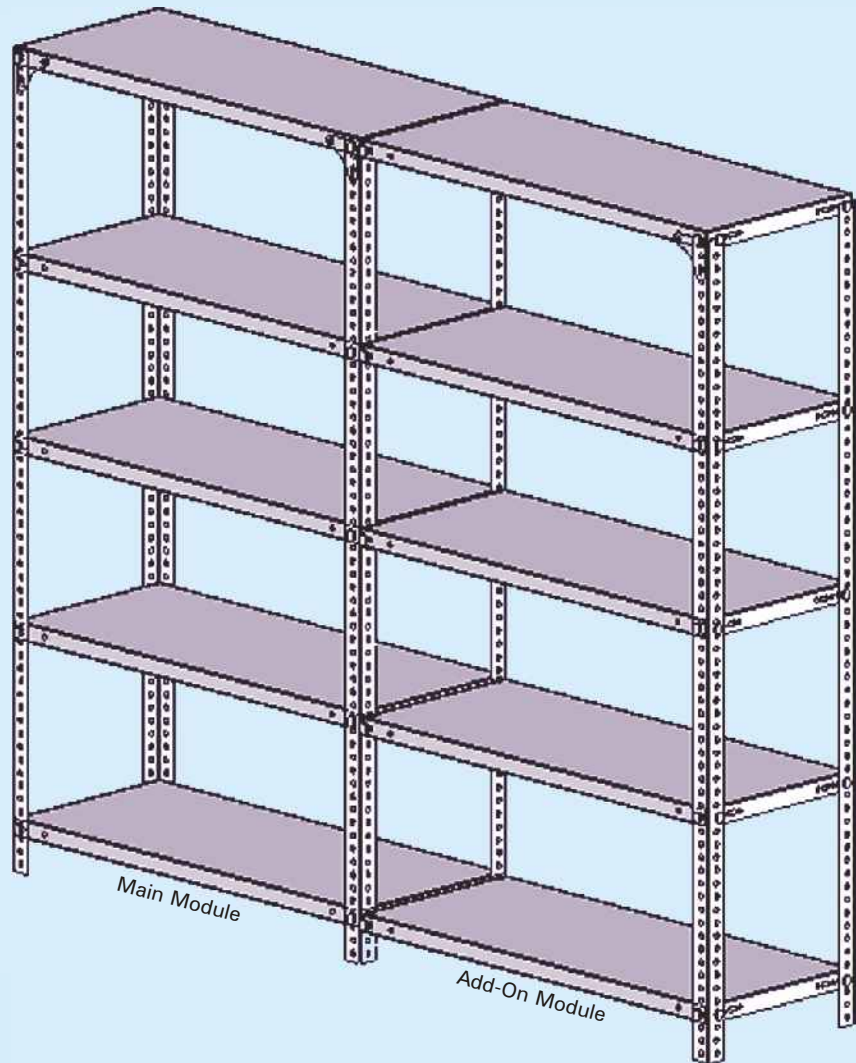
Universal use in warehouses, Workshops and Offices.

It is easy to assemble and low cost system.

The Profile Sections & Shelves are connected by mean of Bolts & Nut and Stabilized by means of corner plates.

The quoted load capacity per shelf is considered as uniformly distributed loads. if the extra shelf is added to the racks, the quoted load capacity must not exceeded.

Side cladding, Back cladding, Center cladding also available.



Upright

Upright Angle with Profile (40 X 40) with Base element of Black shoe. The upright sections are different slotted of 25 mm pitch, so that the shelves can be screw-connected to suit individual storage.

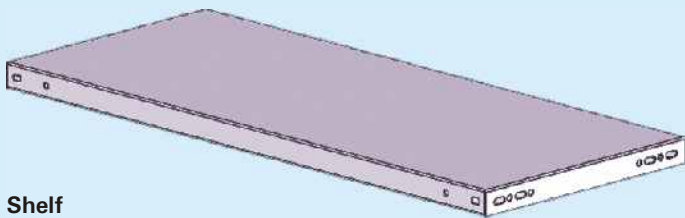
Finish : 1. Deep Blue (Paint / Powder coating)
2. Galvanised

Upright : Galvanised is Metafold Standard, Please specify when ordering !



Comer Plates

Corner Plates Effect : Stable corner Connections in both Longitudinal & Transverse direction. This sharp corner helps for clean access of storage material.

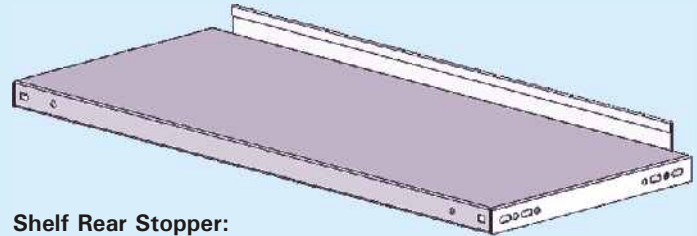


Shelf

Made of CRCA sheet takes high load capacities, shelf edges by 36 mm, folded twice in longitudinal direction & transverse direction. Shelves can be adjusted in increments of 25 mm.

Finish : 1. Deep Blue & Ivory Glossy (Paint/Powder coating)
2. Galvanised

Shelf : Galvanised is Metafold Standard, Please specify when ordering !

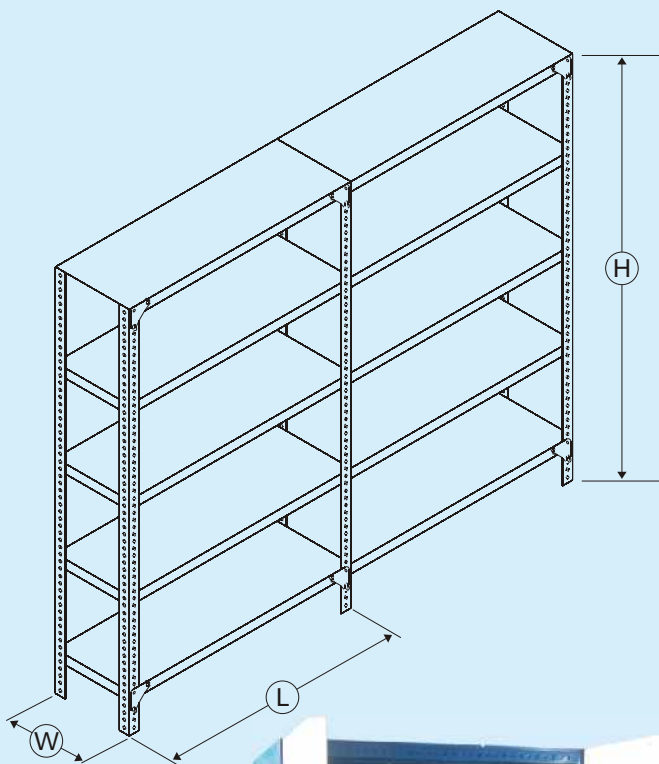


Shelf Rear Stopper:

Shelves with rear stopper, 35 mm high along the length of the shelf. The Top shelf (Cover panel) has no rear stopper.

Finish : 1. Deep Blue & Ivory Glossy (Paint/Powder coating)
2. Galvanised

Shelf Rear Stopper : Galvanised is Metafold Standard, Please specify when ordering !



Standard Upright

Product Code	Upright Height (mm)
Ise02272	1500
Ise02273	1800
Ise02274	2000
Ise02275	2450
Ise03194	2700
Ise02276	3000

Standard Shelf

Shelf (L x W) mm	Load Capacity / Shelf (Kg) Without Stiffener	Load Capacity / Shelf (Kg) With Stiffener
900 x 300	50 – 110	80 – 140
900 x 375		
900 x 450		
900 x 600		
1150 x 300	35 – 55	65 – 85
1150 x 375		
1150 x 450		
1150 x 600		

Module Load Capacity up to 750 kg.
Stiffener gives additional 30% more loading



Shelf Cabinet

Made of steel sheet on shelves & doors.

The shelves are adjustable in increments of 25 mm.

Available in without Partition & with Partition.

2 fully opening leaf doors, folded on all sides with stiffener attached permit strengthening of doors with locking mechanism with 2 keys.

Finish : Powder coating
Cabinet, Shelf – Deep Blue
Leaf Door – Ivory Glossy

Finish : 1. Cabinet, Shelf - Deep Blue (Paint/Powder coating)
2. Cabinet, Shelf - Galvanised

Cabinet, Shelf : Galvanised is Metafold Standard, Please specify when ordering !

Boltless Storage Solution

The flexible shelving system with a multitude of individual application possibilities in the production Hall, Workshop, Warehouse.

Suitable for storing of tools, machine parts, automotive spare parts.

Easily assembled without bolts, fast assembly, no need of tools.

Back, side & centre cladding also available.

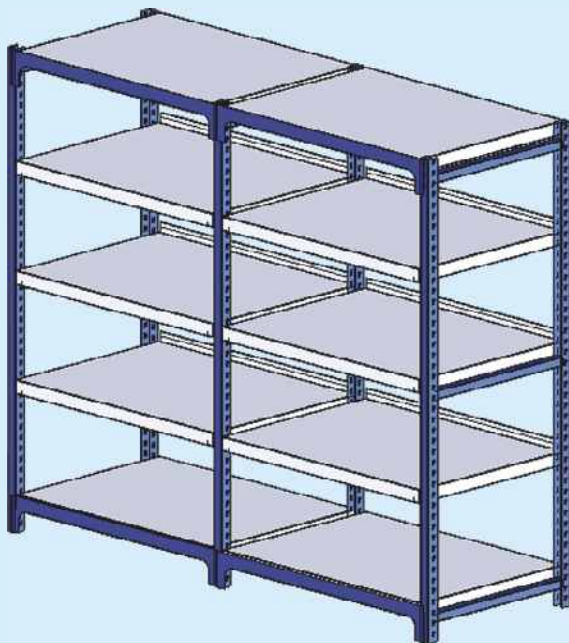
The Quoted load capacity per Shelf is considered as uniformly distributed load.



Main Module Without Partitions



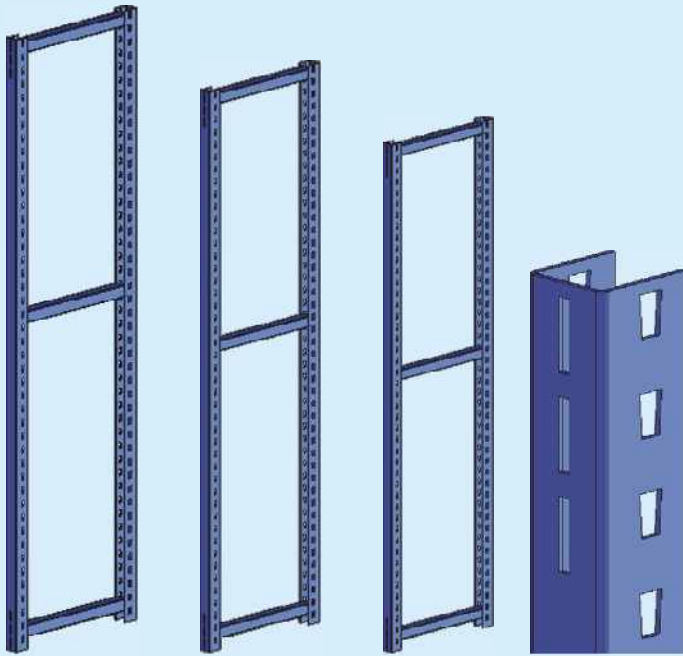
Main Module With Partitions



Main Module & Add On Module



Main Module & Add On Module (Project at : CREASAKTI)



Upright

Made of steel 'C' sections (34 F x 38 W) with rectangular slots, both sides on 33 mm pitch to adjust the shelves with base shoe.

Upright are welded with horizontal members to sturdy & stable frame.

Finish : Powder coating (Deep Blue)

Standard Frame

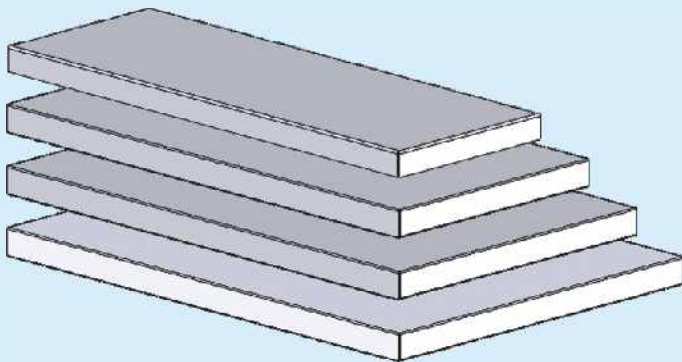
Frame Height (mm)	Frame Width (mm)			
	Product Code			
	300	400	500	600
1500	Ise02869	Ise02870	Ise02871	Ise02872
1800	Ise02873	Ise02874	Ise02875	Ise02876
2000	Ise02877	Ise02878	Ise02879	Ise02880
2200	Ise02881	Ise02882	Ise02883	Ise02884
2500	Ise02885	Ise02886	Ise02887	Ise02888
3000	Ise02889	Ise02890	Ise02891	Ise02892

Shelf

Made of CRCA sheet, shelf edges by 40 mm, folded three times on both longitudinal direction & transverse direction. Shelves can be adjusted in every 33 mm.

Finish : 1. Ivory Glossy (Powder coating)
2. Galvanised

Shelf : Galvanised is Metafold Standard, Please specify when ordering !

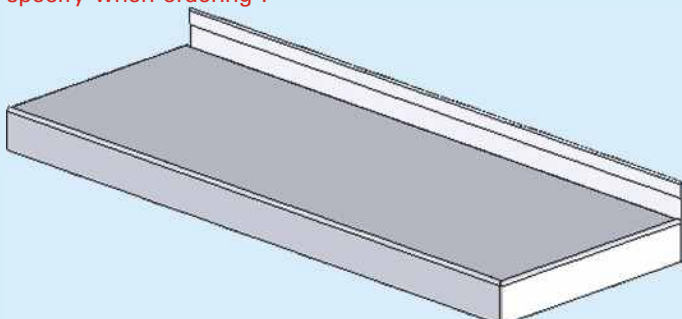


Shelf Rear Stopper

Shelves with rear stopper, 35 mm high, along the length of the shelf.

Finish : 1. Ivory Glossy (Powder coating)
2. Galvanised

Shelf Rear Stopper : Galvanised is Metafold Standard, Please specify when ordering !



Standard Shelf

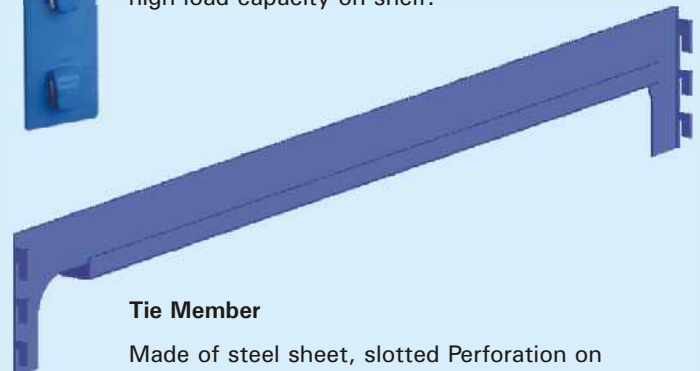
Shelf (L x W) mm	Load Capacity / Shelf (Kg) Without Stiffener	Load Capacity / Shelf (Kg) With Stiffener
830 x 300	120 – 180	150 – 210
830 x 400		
830 x 500		
830 x 600		
1030 x 300	90 – 130	120 – 160
1030 x 400		
1030 x 500		
1030 x 600		
1230 x 300	60 – 90	90 – 120
1230 x 400		
1230 x 500		
1230 x 600		

Module Load Capacity up to 1200 kg.
Stiffener gives additional 30% more loading



Clip

Made of steel sheet, Boltless clips accomplish high load capacity on shelf.



Tie Member

Made of steel sheet, slotted Perforation on uprights ensure connection between two frames at both top & bottom.

Mobile Storage Solution

Metafold mobile storage units permit optimum use of space. On Conventional storage in fixed shelving units, where service gangways between the individual shelves are necessary, usually only one gangway is necessary with movable shelving units. Another gangway can be opened easily, by moving one or more shelf units on their parallel rails.

Metafold Mobile Storage System...

- Save Space & create additional storage capacity
- Are easy to operate and can store different types of items.
- Permit effective use in offices, workshops and warehouses.
- Can be extended by means of movable units.
- Are attractive and aesthetic in design.
- Are dust-tight when closed.

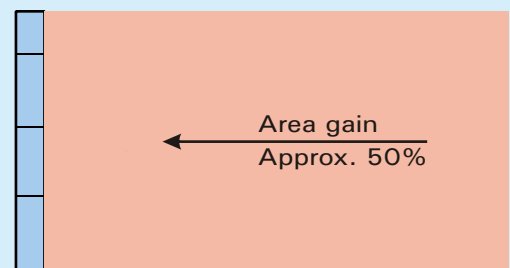
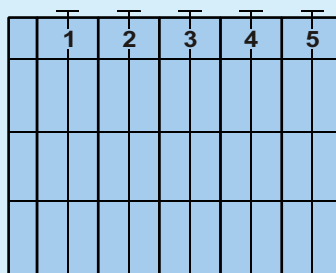
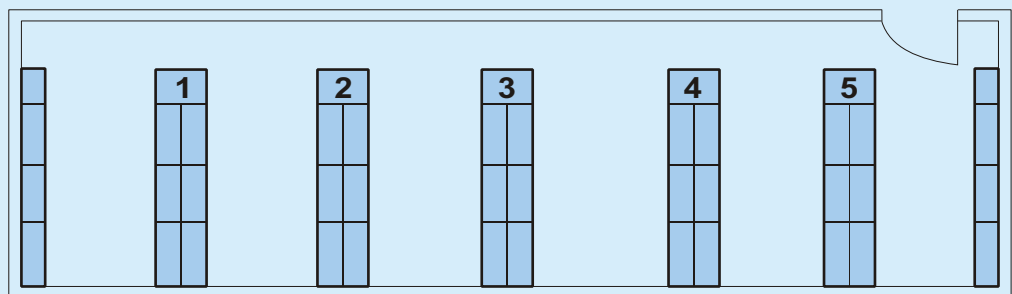




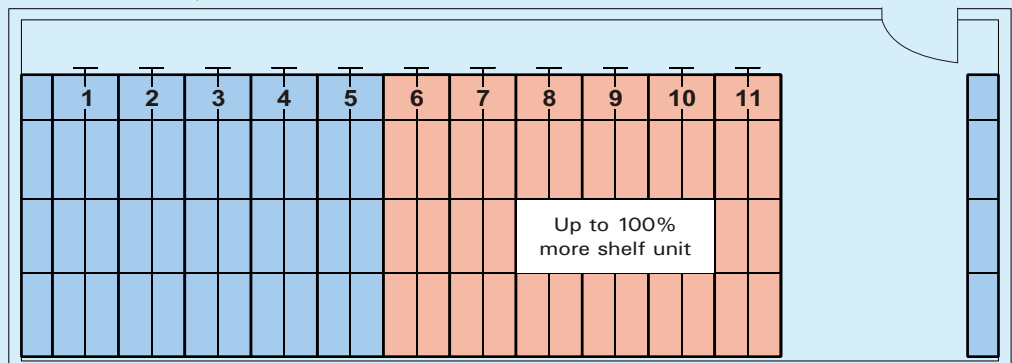
Possible Configuration

2 Fixed shelf units,
5 Movable shelf units

- A standard shelf unit consists of two upright frames and these frames are bolted to the chassis in form - locking manner.
- Mobile storage systems all have smooth, surface at the front & the rear.
- Enclosed chain housing
- **Optional :**
Mobile unit is built either with
(I) Slotted angle storage.
(II) Boltless storage.
(III) Sliding door or leaf door.
- Two front panels are closing
- Manual & Handwheel operation are available.



2 Fixed shelf units, 11 Movable shelf units

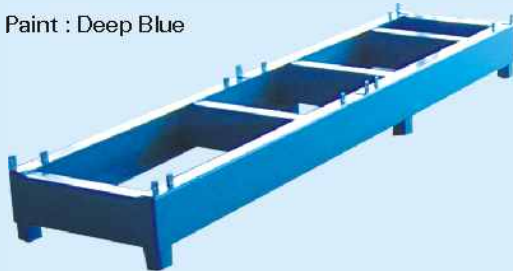


Chassis

The Chassis underneath the superstructures are self supporting with frame structures made of special sections and mounting rails. The mounting rails accommodate the running wheels and the guide wheels. In their function, the wheels are simultaneously running wheels, drive wheels and guide wheels.

Made of rigid & strong frame with special formed section of sheets. Side Gusset Plates, which act as supports to which the shelves are fixed, directly assembled on the rails.

Finish : Paint : Deep Blue



Fixed Chassis

Made of rigid & strong frame with special formed section of sheets. Chain, Sprockets, wheels & Bearing are used for easy movement of chassis on rails.

Finish : Paint : Deep Blue



Moveable Chassis

Rails : According to the length of the mobile storage 2, 3, or 4 Rails are installed to ensure a perfectly even positioning and a smooth sliding of chassis. Rails are section of (25 x 25) & (32 x32) using for different chassis length & load capacity.

Central Lock: Generally assembled on the last mobile shelf to the lock, the hole installation consists of a lock with handle & floor locking rod.



Rails and Central Lock

Chassis Shifted by Hand : The shifting method is used for chassis of lengths up to 3.0 mtrs. a capacity of up to 3000 kg.

Chassis Shifted Mechanically by Handwheel : The shifting method shifted by hand, differing only in that the chassis are shifted by means of handwheel that transmits the movement using a slow motion chain on a transmission shaft, a capacity of up to 12000 kg. Per Trolley. This shifting method generally using, ensures easy & safe movements on all installations.



Chassis Shifted by Handwheel

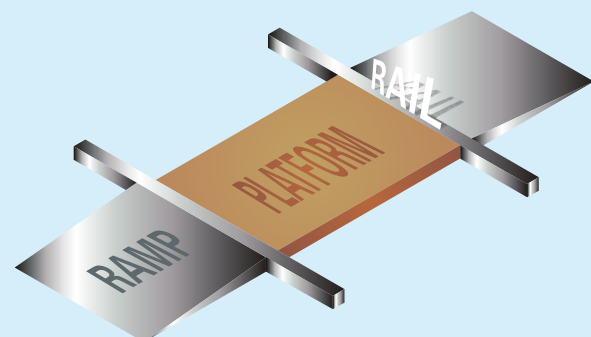
Generally assembled on the last shelf of the mobile storage to keep the material dust free & to prevent from unauthorized persons. Each door consist of 2 sliding doors or more depending upon the length of chassis with a inbuilt handle and locking arrangement.



Sliding Door

Made of Plywood with external frames are fitted with MS sheet. The inclined profile of the surface makes them safe & comfortable to move trolley inside, to take required material.

This facility is optional.

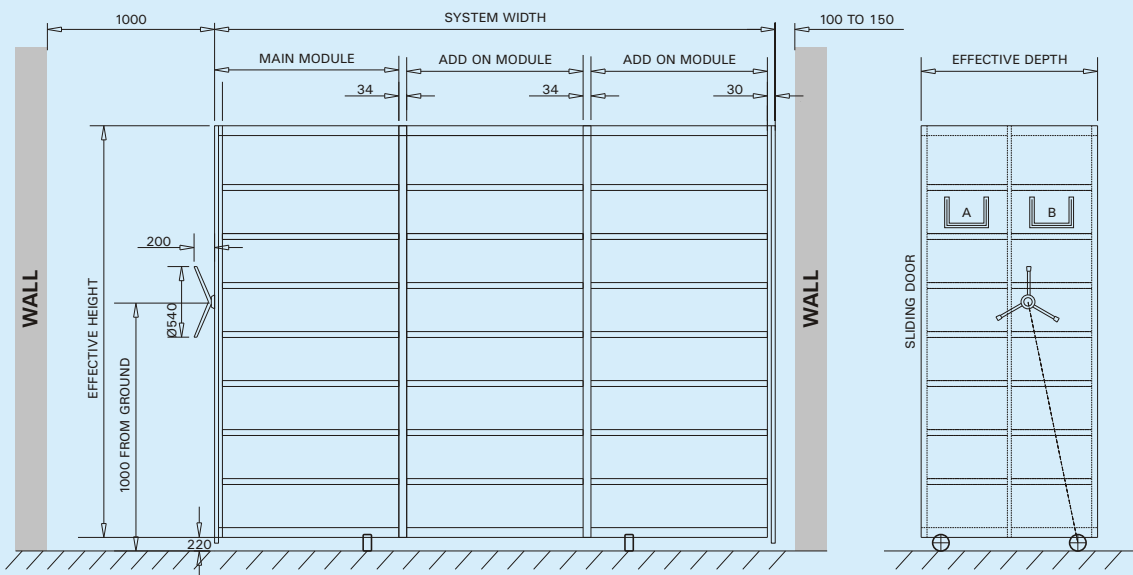


Ramp

MOBILE STORAGE SOLUTION



Project at : TETRA PAK



- Finish : Powder coating
- Upright Frame : Deep Blue
- Sliding Door : Deep Blue / Ivory Glossy
- Shelf : Deep Blue
- Front Panel : Deep Blue / Ivory Glossy
- Cladding : Galvanised

Standard Mobile Storage

Depth in mm	Fixed Shelf Unit									Shelf Unit Heights Including Chassis						Effective Height							
	Moveable Shelf Unit									1720	2020	2220	1500	1800	2000								
	Effective Depth									2420	2720	3220	2200	2500	3000								
Trolley Length	mm	1300	1765	2165	2165	2365	2565	3030	3030	3430	3430	3830	4295	4295	4695	4695	5095	5560	5560	6025	6025	6025	6360
Type of Shelf	1230	1	0	0	1	1	2	0	1	1	2	3	1	2	2	3	4	2	3	1	2	0	5
	1030	0	0	2	0	1	0	2	0	2	0	0	2	0	2	0	0	2	0	2	0	4	0
	830	0	2	0	1	0	0	1	2	0	1	0	1	2	0	1	0	1	2	3	4	2	0
Operation	Manual	*	*	*	*	*	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Handwheel	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
No. of Rail		2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4

For Heavy load Powerised Mobile Storage also available.