



BARI Engineering
TOTAL STORAGE SOLUTION
THE BRILLIANT USE OF SPACE

RACKS MANUFACTURER



STORAGE SOLUTION PRODUCT CATALOGUE



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Bari Engineering was Established in 2012, Specialized in the Design & Production of Warehouse Racks, Pallet Racking, Warehouse Shelving, Industrial Storage Solution, Super Market Shelving, Shopping Trolley, Plastic Basket, & Other Space Saving Products, Amount of Hundred Types & Specification, It Extends its Business in Domestic Market Covers Nation - Wide, The Plant Located at Main Multan Road, Lahore Punjab - Pakistan & it Set up Sales Display at Lahore.

BARI ENGINEERING TODAY

In the Past, Companies was in Search of Imported Racks Due to their Quality So We Decided To Take a Step to Change the Traditional System, with Steady & Stable Growth, **BARI ENGINEERING** invested To Build a New Factory in 2012, and Strengthen on The Investment on the Production Equipments to Perform the Process of Numerical Controlled Punching, Auto - Cutting & Static Spray Powder Coating, Roll Forming Machines & Some Other Automatic Machines, Aim to Complete The Whole Production To Basically Improve the Traditional Methods & Production Capacity with Enhanced Product Quality.

BARI ENGINEERING Emphasized on Fostering of Talents. With the Clearly & Sight on Market, These Young Talents Develop & Design New Product To Keep the Well Known Brands in the Environment of Furious Competition

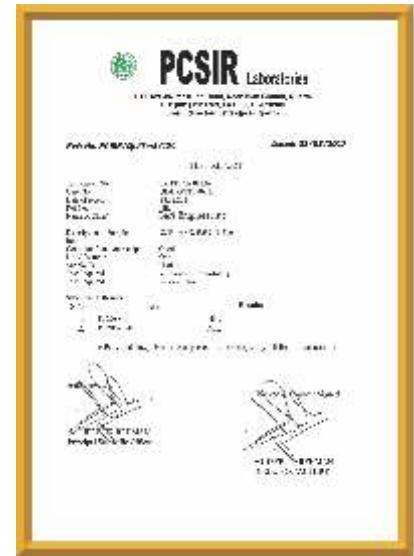
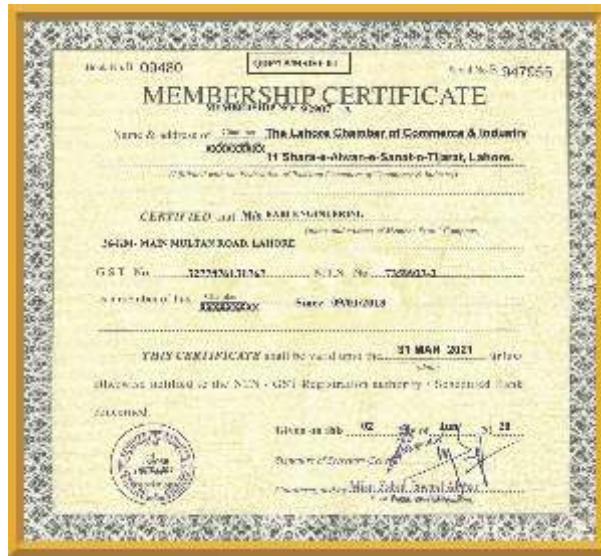
"Bari Engineering Will Provide Customers with Approving Products & create more Profit which is Reliable, Further More, We would like to Cooperate with Every Customer Hand To Create a Bright Future."



M. AWAIS BARI
C.E.O BARI ENGINEERING

CERTIFICATE OF EXCELLENCE

02



PRODUCTION LINE

03

AUTOMATIC PRODUCTION LINE



RAW MATERIAL



ROBOTIC WELDING



POWDER COATING LINE



LIST OF MACHINERY

04

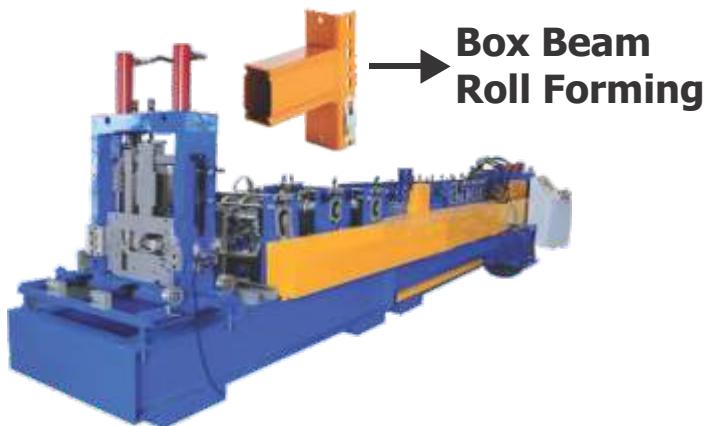
CNC Sharing Machine



FACTORY SITE



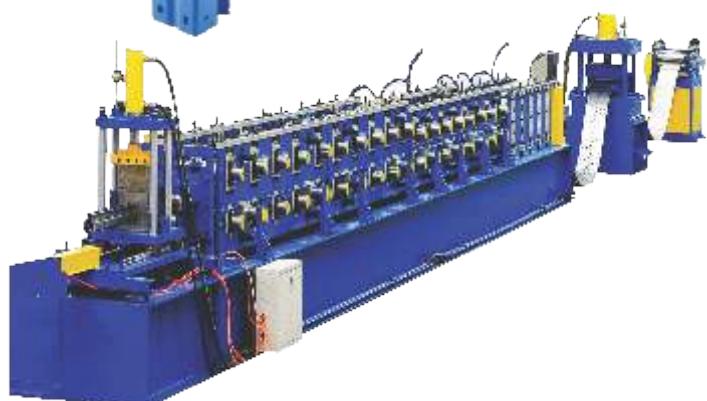
Box Beam Roll Forming



Step Beam Roll Forming



Up-Right Roll Forming



Welding Robot



CNC Bending Machine

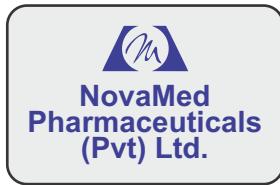
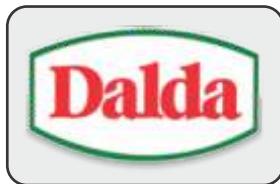


Shelf Panel Roll Forming

OUR VALUABLE CLIENTS



OUR VALUABLE CLIENTS



WITHOUT NUT & BOLTS EASY INSTALLATION

- ◆ Strong & Durable
- ◆ Without Nut & Bolts Fitting
- ◆ MDF Laminated Shelf
- ◆ Easy Assembly
- ◆ Powder Coated Finish
- ◆ Loading Capacity 100kg/Shelf

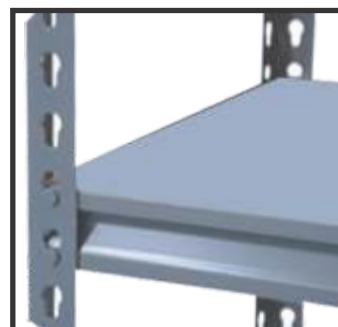
Different Sizes

D W H

- ◆ 12" X 36" X 72"
- ◆ 12" X 48" X 72"
- ◆ 16" X 36" X 72"

D W H

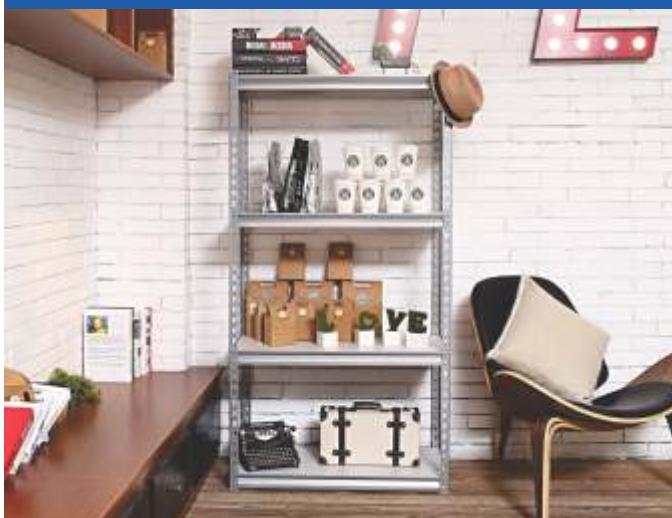
- ◆ 16" X 48" X 72"
- ◆ 24" X 36" X 72"
- ◆ 24" X 48" X 72"



USE TO EVERY WHERE

08

LIVING ROOM RACK



KITCHEN RACK



OFFICE FILE RACK



STORE ROOM RACK



GARAGE STORAGE RACK



INDUSTRIAL STORE RACK



NUT & BOLTS FITTING

- ◆ Adjustable Shelves
- ◆ Nut & Bolts Fitting
- ◆ Powder Coated Finish
- ◆ Strong & Durable
- ◆ MS & G.I Shelves
- ◆ Loading Capacity 100kg/Shelf

Different Sizes

D W H

- ◆ 12" X 36" X 72"
- ◆ 12" X 48" X 72"
- ◆ 18" X 36" X 72"

D W H

- ◆ 18" X 48" X 72"
- ◆ 24" X 36" X 72"
- ◆ 24" X 48" X 72"



USE TO EVERY WHERE

10

INDUSTRIAL STORE RACK



FOOD STORAGE RACK



ACCESSORIES STORE RACK



SPARE PART STORE RACK



BOTTLE STORAGE RACK



HOME STOREROOM RACK



WAREHOUSE BULK RACK

11

PRODUCT DETAIL



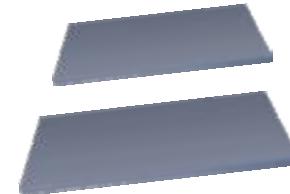
Shelf Reinforcement



G.I Shelf



Powder Coated Shelf



MDF Lamination Shelf



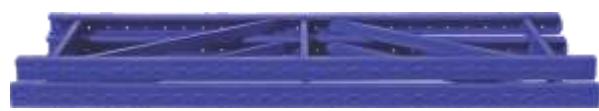
Safety Bracket



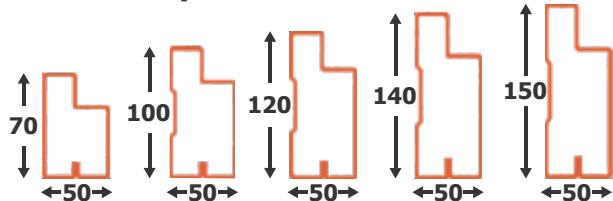
Step Box Beam



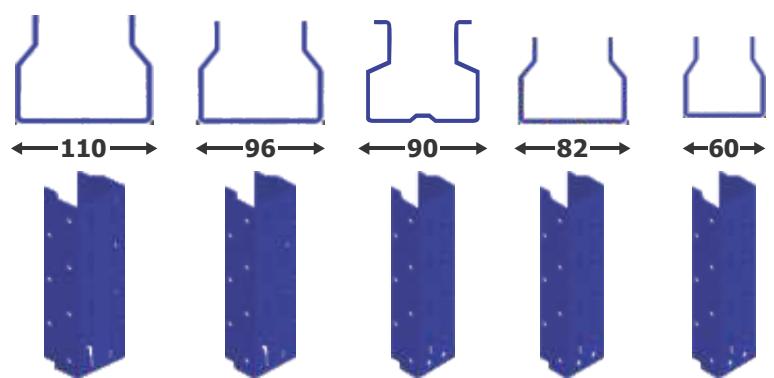
Upright Frame



Step Box Beam Section



Upright Section



CATEGORIES OF USAGE

SHOES INDUSTRIAL STORAGE RACK



STORE ROOM RACK



CHEMICALS STORAGE RACK



INDUSTRIAL STORAGE RACK



FABRIC ROLL STORAGE RACK



HEAVY DUTY STORAGE RACK



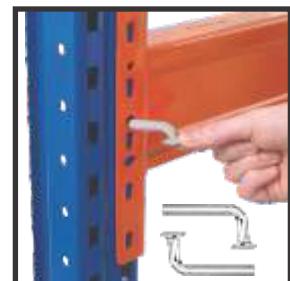
HEAVY DUTY STORAGE RACK



MEDICINE STORAGE RACK



PRODUCT DETAIL



Beam Safety Lock



Pallet Safety Frame



Pallet Support Bar



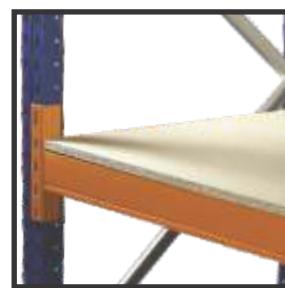
Wire Shelf Decking



Row Spacer



Magnetic Tag Holder



Wooden Decking



G.I Bracing



Upright Foot Plate



Upright Front Safety Guard



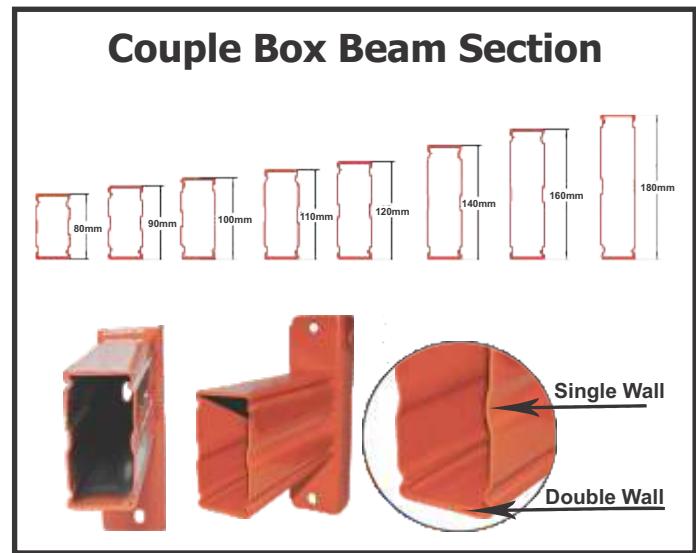
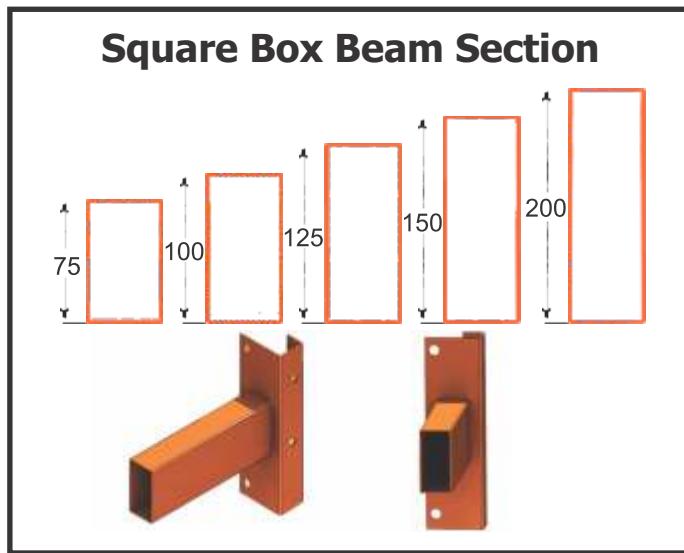
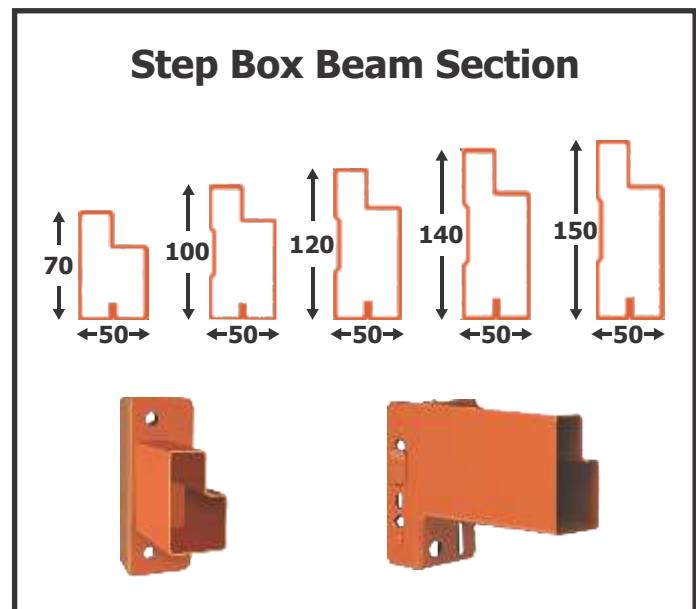
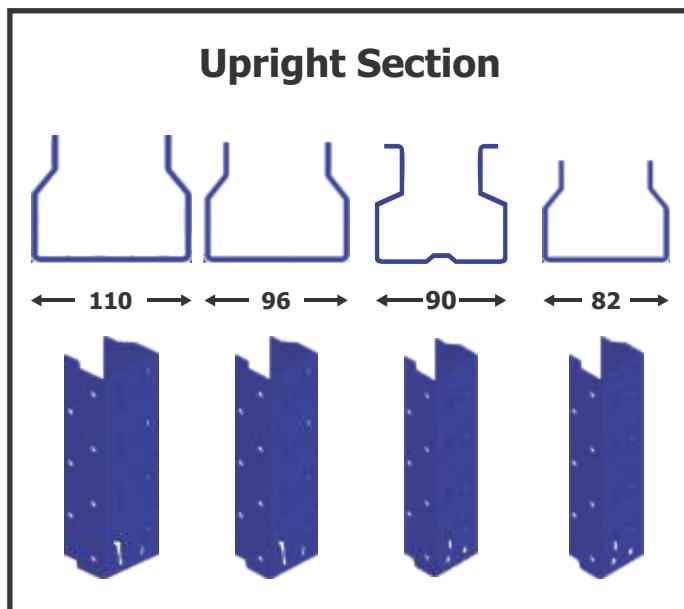
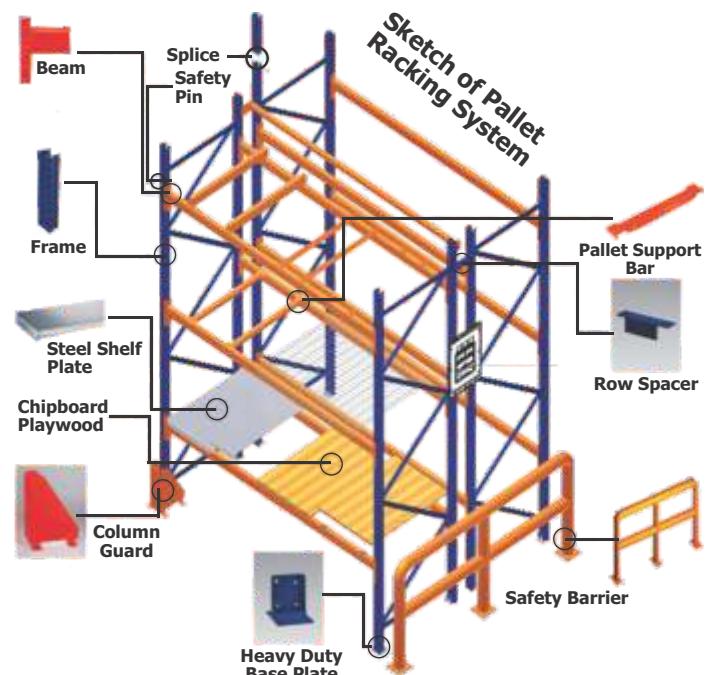
Row Protector

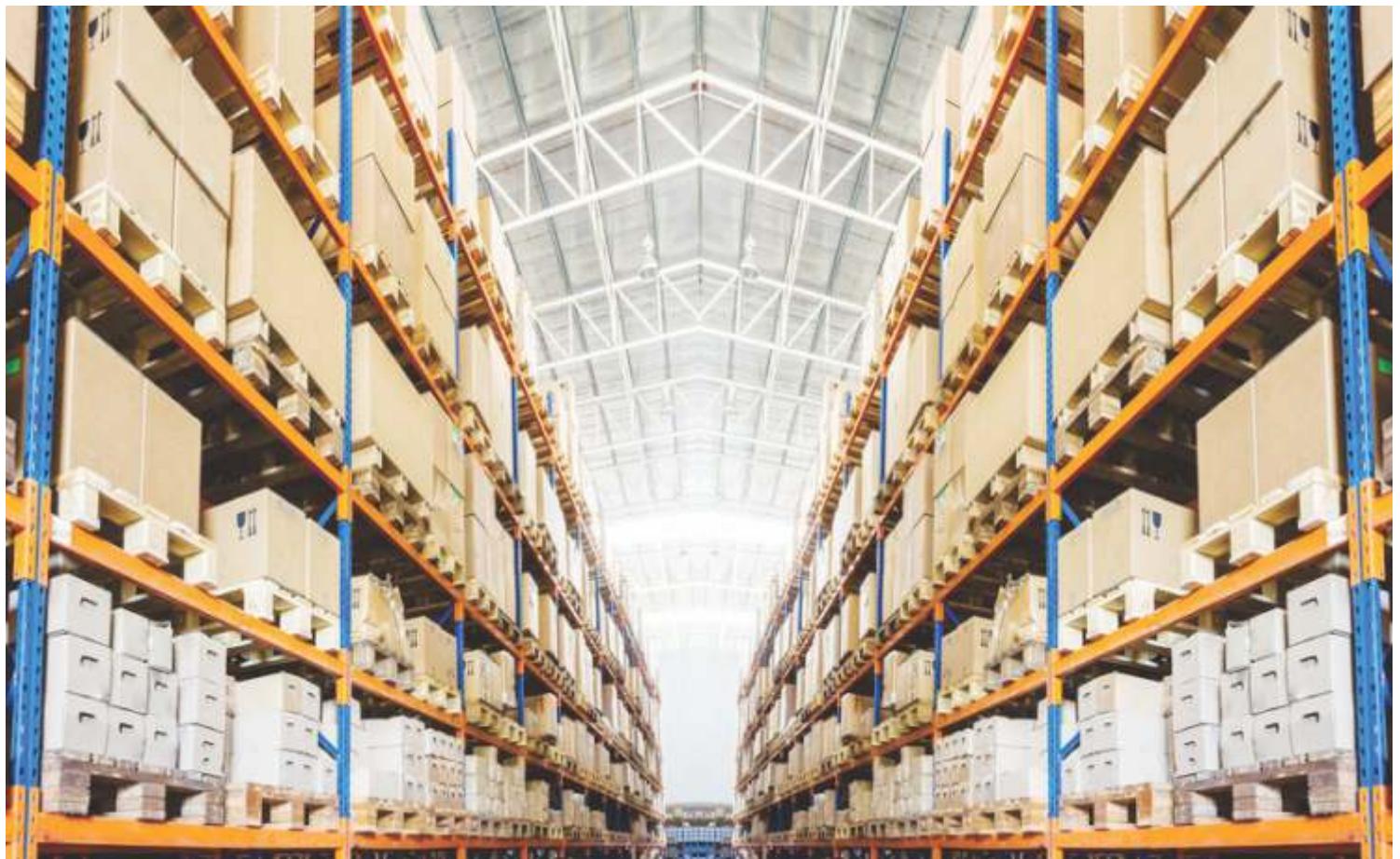


G.I Hardware

PALLET RACKING SECTIONAL DETAIL

14



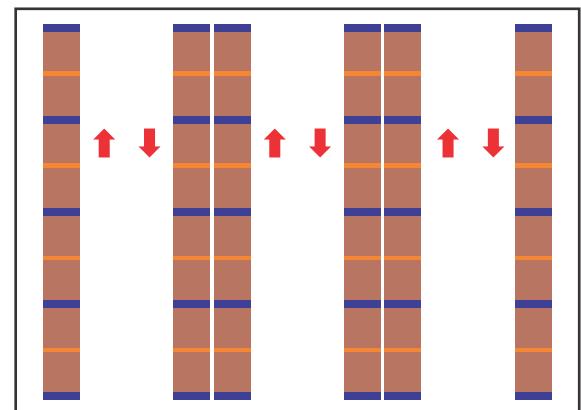


GENERAL FEATURES OF PALLET RACKING

Bari Engineering Pallet Racking System offers the best solution for warehouse where a wide range of reference need to be stored on Pallets.

- Key Advantages

- Goods can be easily retrieved as each pallet can be accessed without the need to shift other Pallets.
- Total stock control each storage space is taken up by a single Pallet.
- Maximum adaptability to any load type both in term of weight and Volume.
- A conventional pallet racking warehouse is generally laid out single entry rack either side and double entry racks in the middle. The height of the racks depend on the characteristics of the Forklifts or handling equipment, the size of the pallets and the heights of the warehouse itself.



PALLET RACKING CATEGORIES OF USAGE

16

CHEMICAL STORAGE RACK



FABRIC ROLL STORAGE RACK



RAW MATERIAL PALLET RACK



COLD STORAGE PALLET RACK

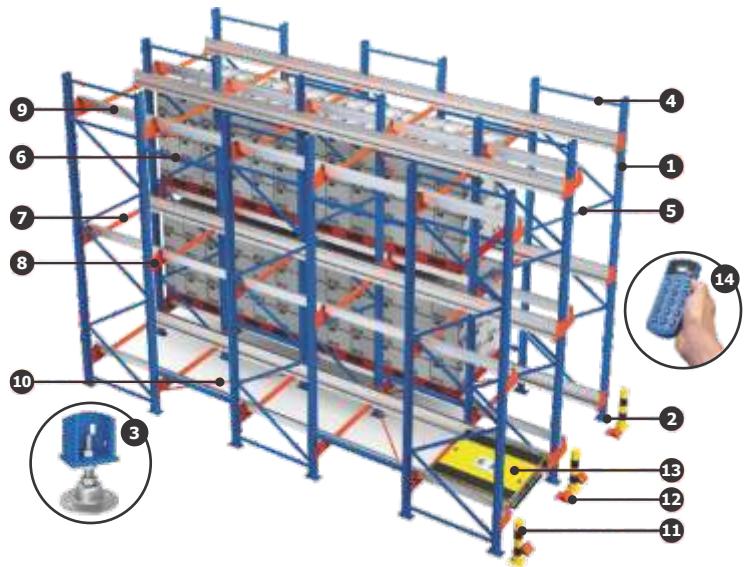


FINISH GOOD STORAGE RACKING





Radio Shuttle Stacking View



Radio Shuttle Car Wireless Control



RADIO SHUTTLE TRACK



RADIO SHUTTLE TRACK

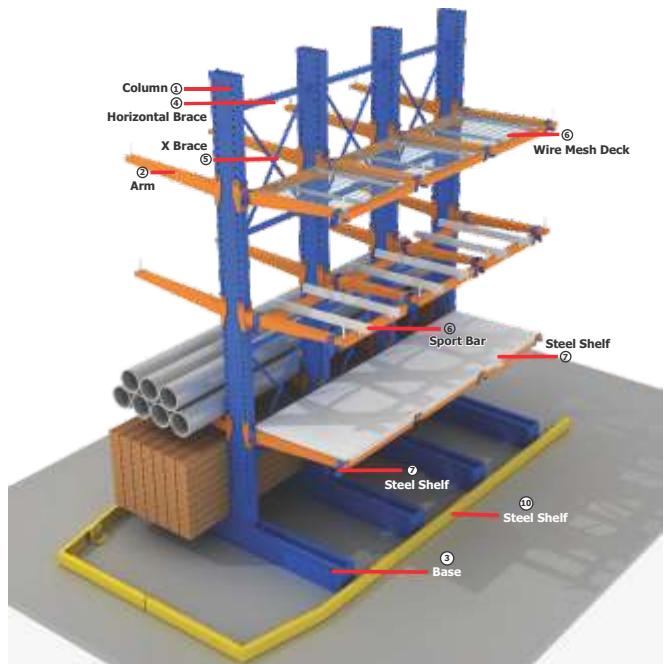
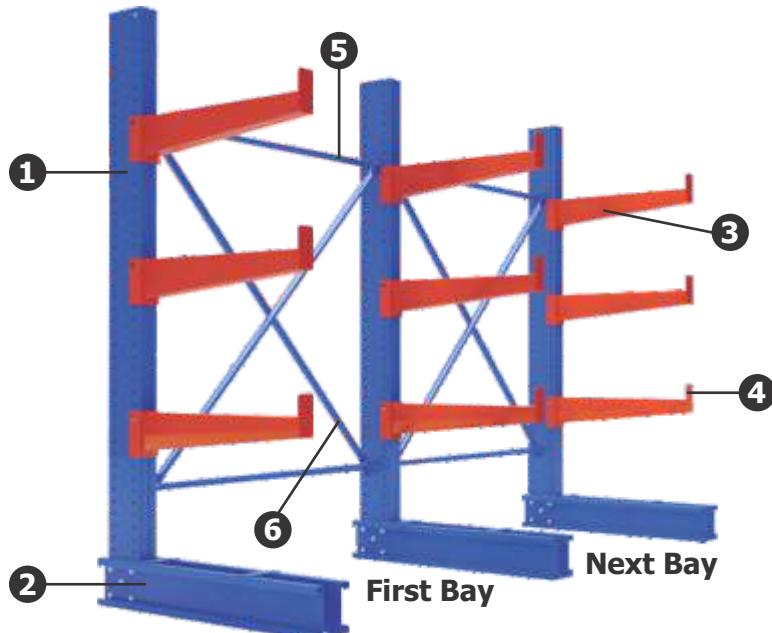


OUTLINE DIMENSION AND WEIGHT

Model	Pallet Size (mm)	Weight (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
TDRII-1012	1000X1200	285	831	1270	193	27	3
TDRII-1113	1000X1300	295	873	1370	193	27	3
TDRII-1210	1200X1000	280	957	1070	193	27	3
TDRII-1211	1200X1100	290	957	1170	193	27	3
TDRII-1212	1200X1200	300	957	1270	193	27	3
TDRII-1213	1200X1300	310	957	1370	193	27	3
TDRII-1214	1200X1400	320	957	1470	193	27	3
TDRII-1215	1200X1500	335	957	1570	193	27	3
TDRII-1216	1200X1600	345	957	1670	193	27	3
TDRII-1311	1300X1100	300	1057	1170	193	27	3
TDRII-1410	1400X1000	310	1157	1070	193	27	3
TDRII-1411	1400X1100	320	1157	1170	193	27	3
TDRII-1412	1400X1200	330	1157	1270	193	27	3
TDRII-1414	1400X1400	3655	1157	1470	193	27	3
TDRII-1415	1400X1500	365	1157	1570	193	27	3

CANTILEVER RACKS

18



COMPONENT OF PARTS

- | | | |
|----------------|-----------------------|---------------------|
| 1. Column | 2. Cantilever Base | 3. Cantilever |
| 4. Arm Stopper | 5. Horizontal Bracing | 6. Diagonal Bracing |

Cantilever Racking Offers:

- Ideal Storage Solution for long items such as bars, pipes & Plate.
- Stile & Profiles area of special high - strength hot - formed IPE section.
- Racking can be any length, single - sided or double - sided.
- Individual solution for a wide variety of stored materials.

Determining The System Components:

1. Determine the **axial spacing** by considering the bending characteristics and length of stored goods.
The good to be stored must not overhang by more than half the axial spacing.

2. In this way you can determine the number of **stiles required**.

3. The storage level height are determined by the material to be stored (which then gives the **number of arms** per stile).

4. The **load capacity** over arm is determined by the weight of the material to be stored (in a storage level) divided by the number of stiles.

5. The sum of the load capacities of the arms gives the load required per stile and hence the **type of stile**.

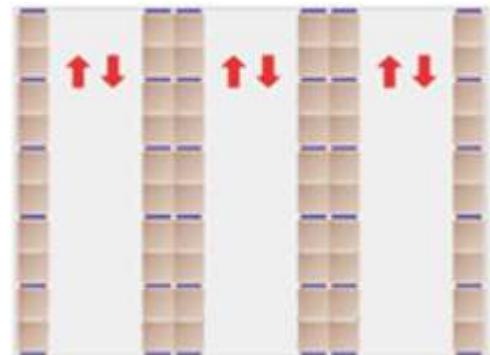
6. Rack with 2 or more bays are fitted with 2 cross braces.

7. Every Racking bay up to a height of 3000mm required 2 **horizontal ties**, if the rack is 3500mm or higher 3 horizontal ties are required.

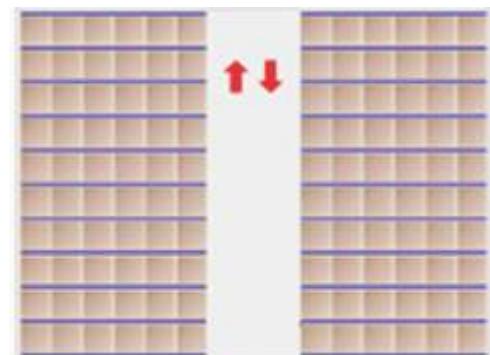


DRIVE IN & DRIVE THROUGH RACKING

19



Selective Layout

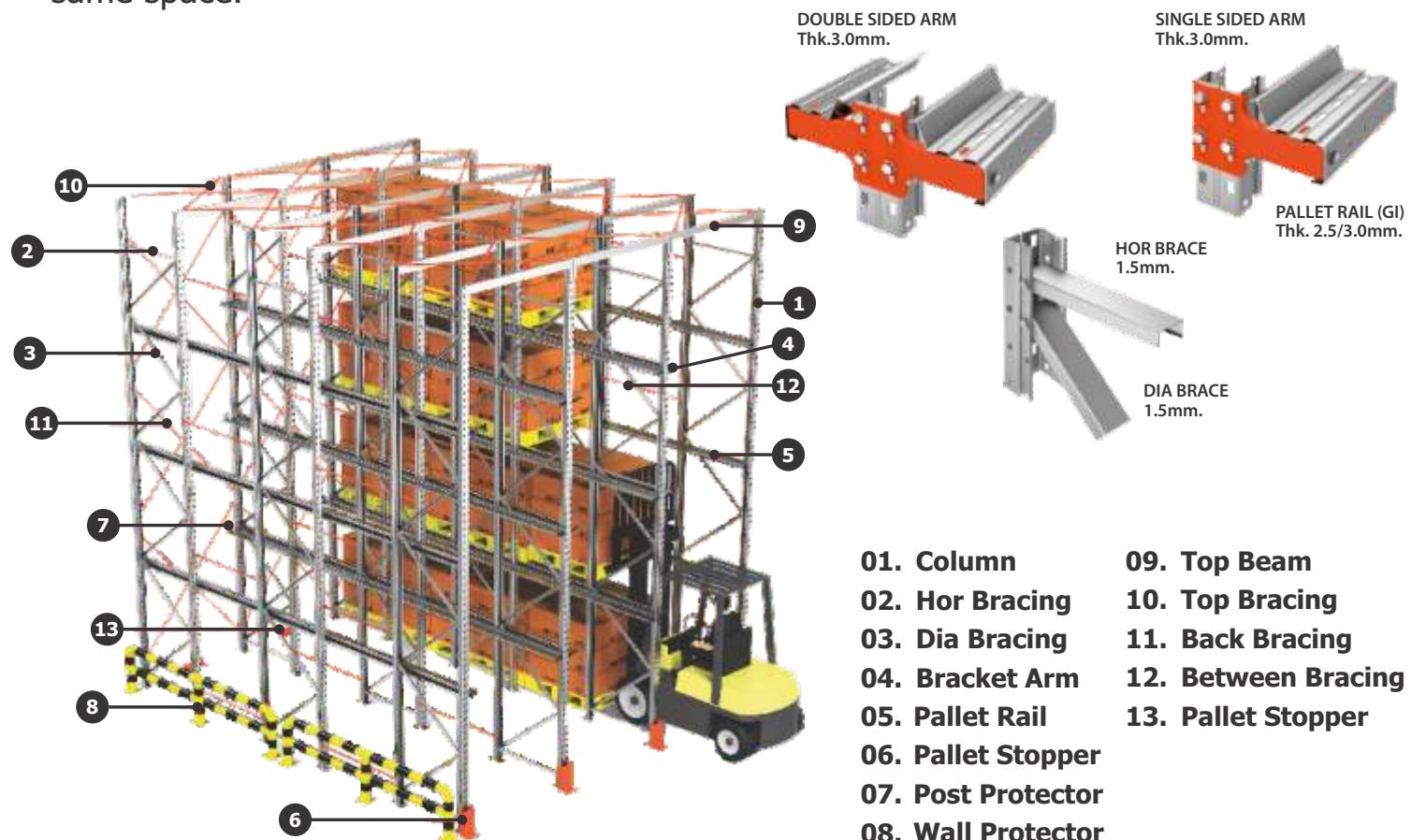


Drive in Layout

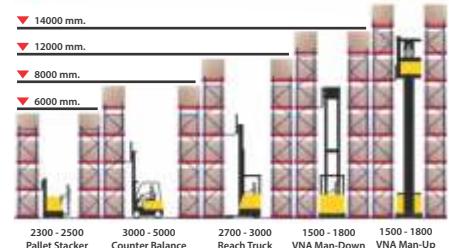
Suitable for one sort of goods with large quantity.
Type of storage same kind of goods store at same row.
This system is server as First - in Last - Out (FILO)
which mean first storing good will be last de - store.

Advantages of Using

- ◆ Providing higher density storage capacity.
- ◆ Higher floor space utilization.
- ◆ Suitable for storing the big volume goods with high turnover.
- ◆ Low cost investment comparing with storage capacity.
- ◆ Drive in racking more efficient then selective racking in same space.



- | | |
|--------------------|---------------------|
| 01. Column | 09. Top Beam |
| 02. Hor Bracing | 10. Top Bracing |
| 03. Dia Bracing | 11. Back Bracing |
| 04. Bracket Arm | 12. Between Bracing |
| 05. Pallet Rail | 13. Pallet Stopper |
| 06. Pallet Stopper | |
| 07. Post Protector | |
| 08. Wall Protector | |



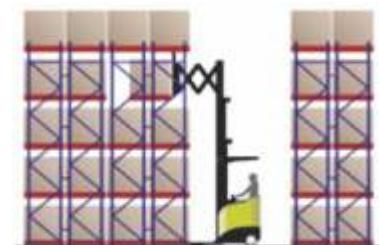
VNA Pallet Racking makes optimum use of floor area and roof height moving high density storage with 100% accessibility & good Stock Rotation.

VNA Racking work well with the VNA Truck which is the narrow aisle driving Truck with the guide rail.

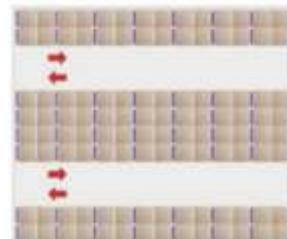
Advantages of Using

1. Maximize Storage Potential
2. Better Floor Utilization
3. Meets FIFO requirements
4. Low investment in racks compared to other system.

DOUBLE DEEP RACKING



Double Deep Forklift



Double Deep Layout

High capacity, cost effective storage system capable to store two pallet deep in a single entry rack or four Pallets deep in a double entry rack.

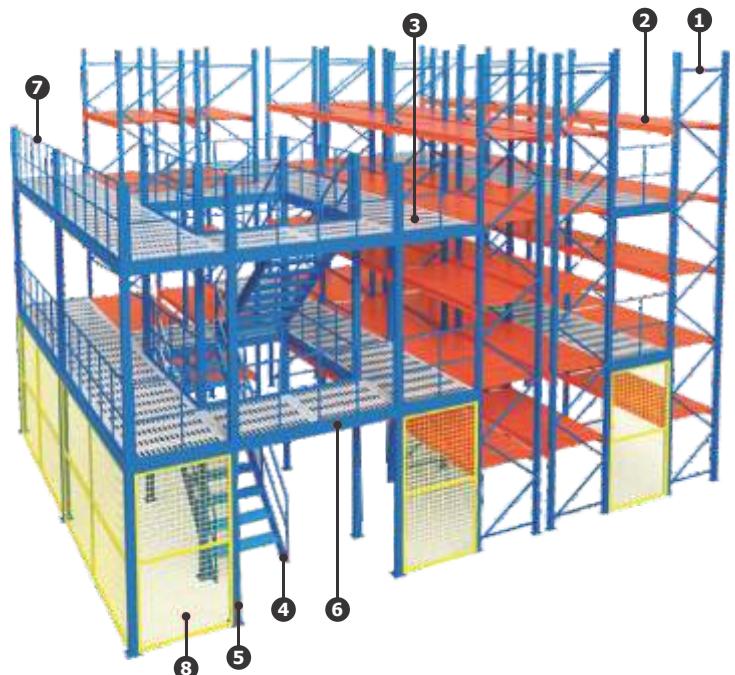
Advantages of Using

- ◆ Suitable for laying goods on pallets.
- ◆ Various types of goods and heavy loaded.
- ◆ Double - Deep Storage increase warehouse capacity by upto 30% compared to single - Deep Storage.
- ◆ Choice of Pre - Galvanized is also available.

RACK SUPPORTED MEZZANINE

RACK SUPPORTED MEZZANINE

- 1** Selective Racking
- 2** Steel Shelf Plate
- 3** Floor Grating
- 4** Staircase
- 5** Floor Support Column
- 6** Main Support Beams
- 7** Handrail
- 8** Wire Partitions

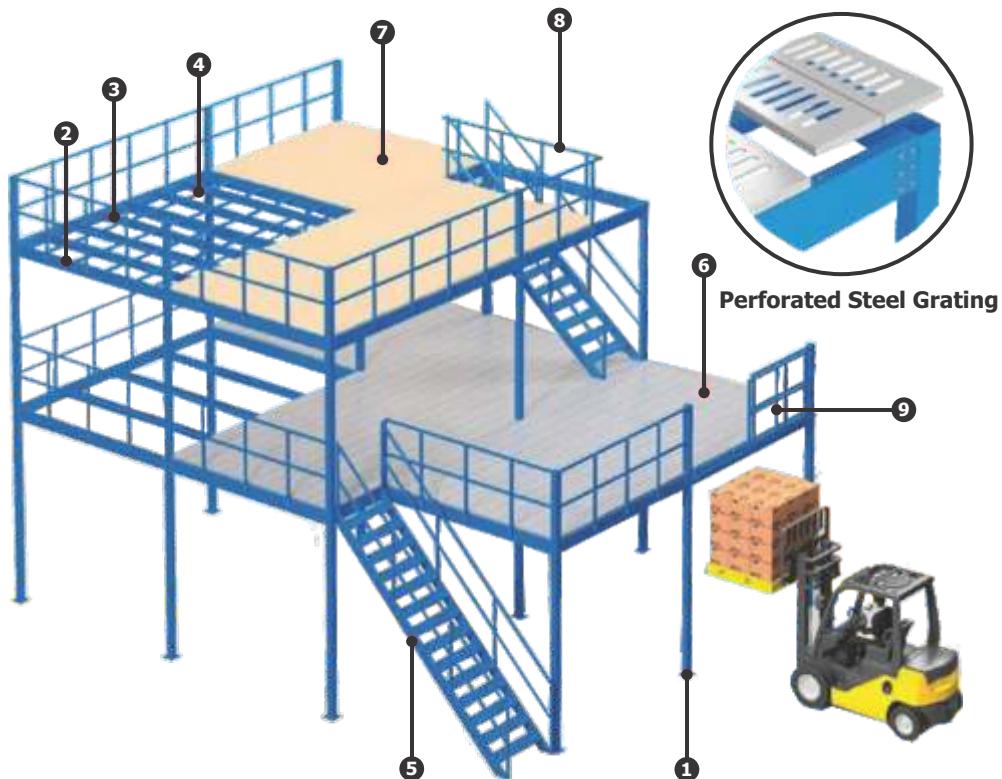


Ideal for business that need a cost effective way a creating a raised storage area for hand loaded goods that are not heavy in nature. Slow moving stock can be stored on upper levels leaving the ground floor for fast moving stock items. Also it suits growing business that may need dismantle and relocate the storage area in the future.

Advantages of Using

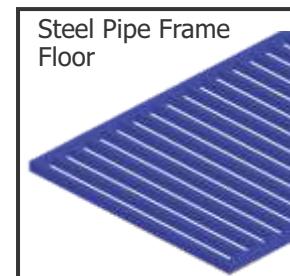
- ◆ Utilize existing overhead space. ◆ Can combine pallet storage and small goods storage.
- ◆ Auxiliary facilities can be equipped for mezzanine rack like elevator, conveying belt etc.

MEZZANINE FLOORING



MEZZANINE FLOOR SYSTEM

- | | | | | | |
|------------------|-------------|--------------|------------|-------------|-----------------|
| ① Column Upright | ② Main Beam | ③ Beam | ④ Sub Beam | ⑤ Staircase | ⑥ Floor Grating |
| ⑦ Plywood | ⑧ Handrail | ⑨ Slide Door | | | |



Mezzanine Floor structure knock - down type was designed to solve the problem with space in industrial manufacturer and warehouse, able to assemble to various floor levels with staircase and handrail, efficient for multi - purpose such as increase storage space in warehouse, increase area for production process of machines and equipment etc. The floor can be designed according to the weight desired.

Advantages of Using

- ◆ Increase working space for the existing area. ◆ Knock - Down structure can be modified and mobilized easily.
- ◆ Structure designed according to the engineering principle, assure the safety.

PLASTIC INDUSTRIAL PALLET

23

1 DRUM SPILL PALLET

Model 1313 P-1

Size: 680 X 680 X 150(mm)



2 DRUM SPILL PALLET

Model 1313 P-2

Size: 1320 X 680 X 300(mm)



4 DRUM SPILL PALLET

Model 1313 P-4

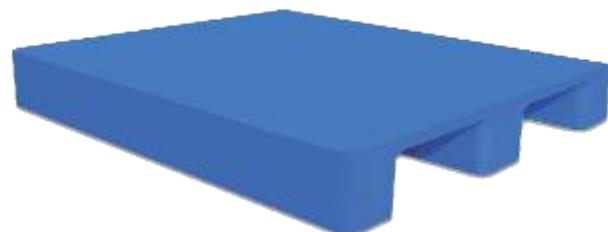
Size: 1320 X 1320 X 300(mm)



PLAIN PLASTIC PALLET

Model 1210 P-2

Size: 1000 x 1200 x 150 (mm)



PLAIN PLASTIC PALLET

Model 1210 P-4

Size: 1000 x 1200 x 150 (mm)



PERFORATED PLASTIC PALLET

Model 1212 P-4

Size: 1200 x 1200 x 150 (mm)



METAL INDUSTRIAL PALLET

24

HAND PALLET LIFTER



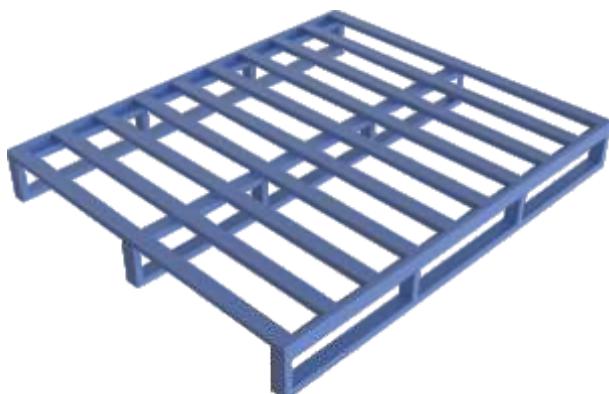
POWDER COATED STEEL PALLET

Model 1210 / 1212



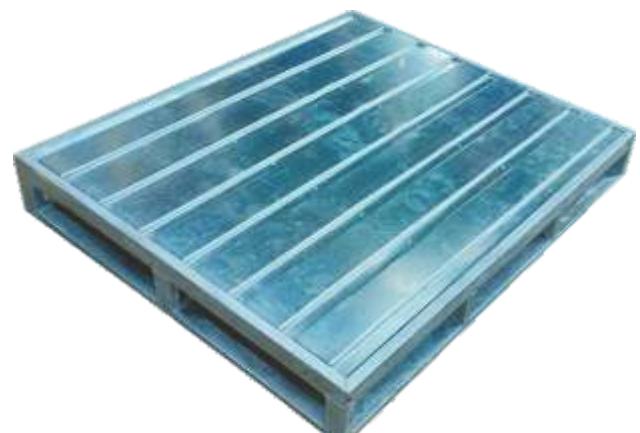
SQUARE TUBE ROD PALLET

Model 1210 / 1212



G.I GALVANIZED STEEL PALLET

Model 1210 / 1212



FABRIC ROLL CAGE PALLET



FOLDABLE CAGE PALLET



WORKSHOP TOOLS TROLLEYS

25

5 DRAWER TOOL TROLLEY



7 DRAWER TOOL TROLLEY



1 SHELF 2 DRAWER TROLLEY



3 SHELF TROLLEY



STAINLESS STEEL TROLLEY



STAINLESS STEEL TROLLEY



INDUSTRIAL TROLLEYS

26

M.S PLATFORM TROLLEY



M.S CAGE TROLLEY



MOVEABLE STAIR



WORK STATION TABLE



Size: = D 2' x W 5' x H 5.5'

WAREHOUSE LOADING TROLLEYS

150KG

Size: = D 20" x W 30" x H 35"

250KG

Size: = D 24" x W 36" x H 35"

600KG

Size: = D 24" x W 42" x H 35"

150KG

250KG

600KG



PLASTIC BINS

27



BE - 01

7" X 4" X 3.5"



BE - 02

10" X 6" X 5"



BE - 03

13" X 8" X 6"



BE - 04

18" X 8" X 6"



BE - 05

24" X 17" X 8"



BE - 06

24" X 17" X 8"



BE - 07

20.5" X 14.5" X 12"



BE - 08

20.5" X 14.5" X 12"

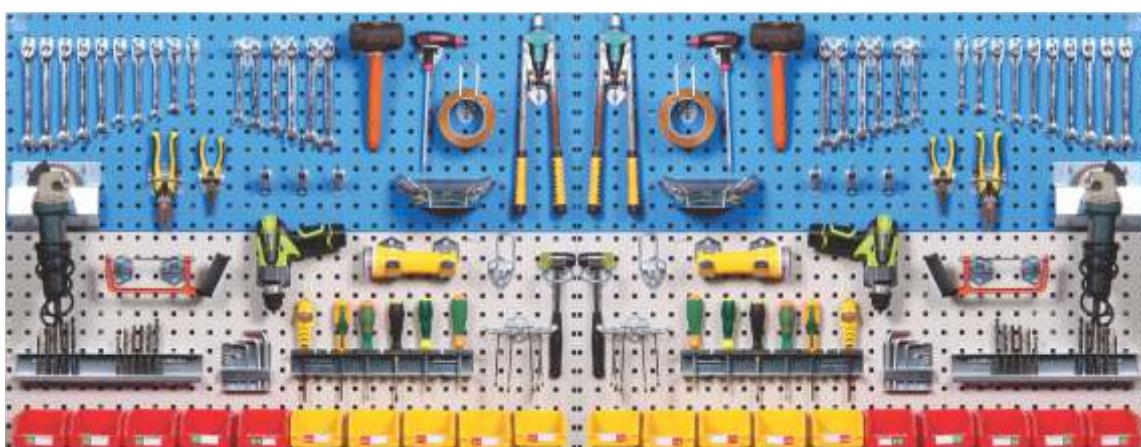


HANGING RACKS & TOOLS CABINET

28



SPARE PARTS TOOLS CABINET



TOOLS PERFORATED WALL PANEL

SUPER MARKET DISPLAY RACKS

29



SUPER MARKET SHELVING

30



Double Sided
Gondola Rack



Gondola
Shelving



Wall Rack



Hanging
Display
Rack



End
Rack



Oil & Ghee Rack

SUPER MARKET RACKS

31

GROCERY STORE RACKS



FRUIT & VEGETABLE RACKS



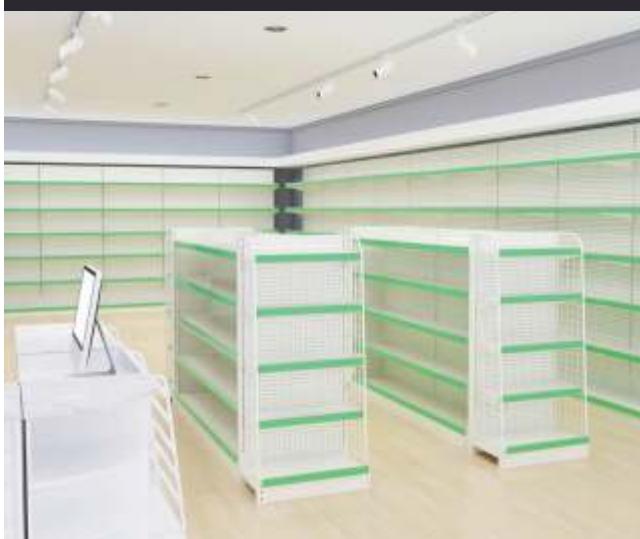
CROCKERY DISPLAY RACKS



BAKERY SHOP RACKS



PHARMACY DISPLAY RACKS



SHOES DISPLAY RACKS



PHARMACY DISPLAY RACKS

32



SUPER MARKET UTILITIES & CARTS

33



SHOPPING BASKET
MODEL : ZC - 02
30 Ltr.



SHOPPING BASKET
MODEL : ZC - 04
30 Ltr.



SHOPPING BASKET
MODEL : ZC - 07
24 Ltr.



SHOPPING BASKET
MODEL : ZC - 06
28 Ltr.



Roller Basket
MODEL : ZC - 10
40 Ltr.



Roller Basket
MODEL : ZC - 20
45 Ltr.

Roller Basket
MODEL : ZC - 18
68 Ltr.



SUPER MARKET UTILITIES & CARTS

34



**Shopping Trolley
60 - 100 - 140 Ltr.**



**Promotional Cage
Trolley 200 Ltr.**



Cash Till Drawer

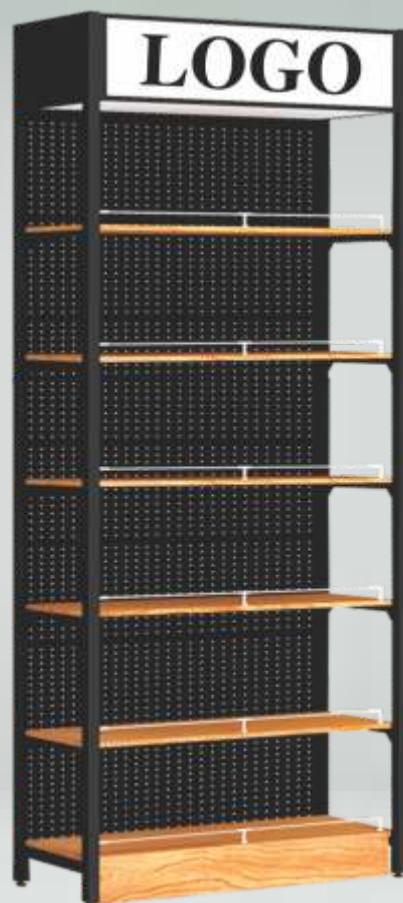
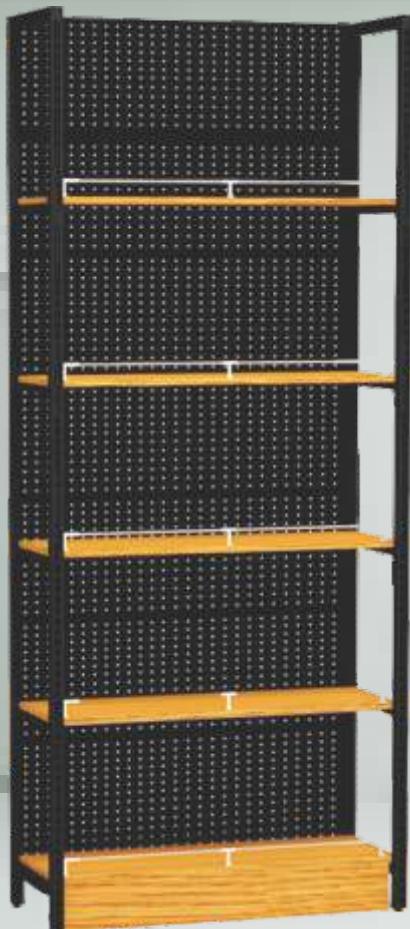


Cash Counter



WOODEN SHELVING RACKS

35



WOODEN DISPLAY RACKS CATEGORIES

36

COSMETICS DISPLAY RACK



DISPLAY PROMOTIONAL TABLE



MINISO SHOP DISPLAY RACK



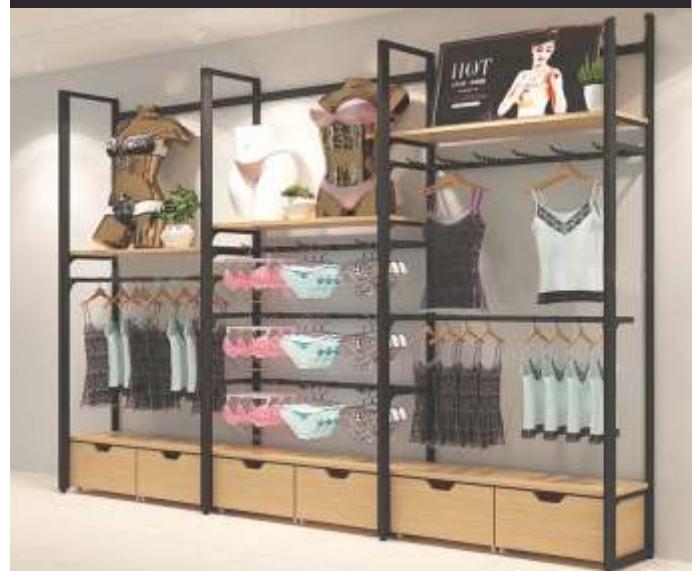
GIFT SHOP DISPLAY RACK



HANGING DISPLAY RACK



GARMENT SHOP DISPLAY RACK



OFFICE CABINETS KING SERIES

37



MODELS OF OFFICE CABINETS

38

KING SERIES



BE-CO-001
D400*W900*H1850mm



BE-CO-002
D400*W900*H1850mm



BE-CO-003
D400*W900*H1850mm



BE-CO-004
D400*W900*H1850mm



BE-CO-005
D400*W900*H1850mm



BE-CO-007
D450*W1180*H1850mm



BE-CO-021
D460*W620*H1016mm

LOCKER CABINETS KING SERIES

39



MODELS OF LOCKER CABINETS

40

KING SERIES



BE-CO-009
D500*W900*H1850mm



BE-CO-010
D500*W900*H1850mm



BE-CO-011
D500*W900*H1850mm



BE-CO-012
D500*W900*H1850mm



BE-CO-013
D450*W900*H1850mm



BE-CO-014
D450*W900*H1850mm



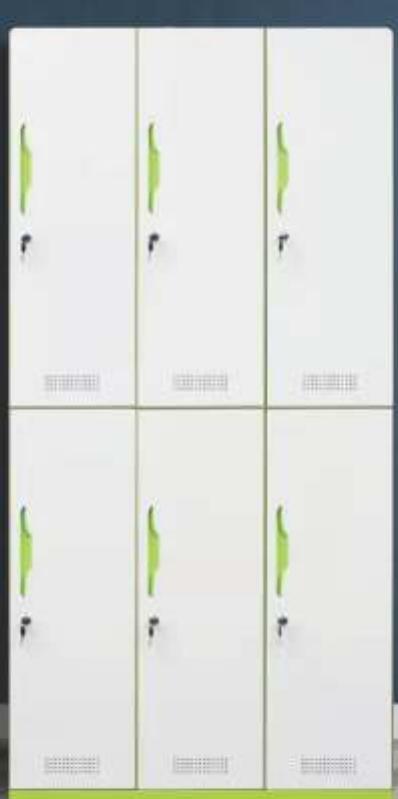
BE-CO-026
D450*W900*H1850mm

OFFICE CABINET & LOCKERS

41



PASSION SERIES



MODELS OF OFFICE CABINETS & LOCKERS

42



BE-GR-002
D400*W900*H1850mm



BE-GR-001
D400*W900*H1850mm



BE-GR-004
D400*W900*H1850mm



BE-GR-003
D400*W900*H1850mm



BE-GR-005
D450*W900*H1850mm



BE-GR-006
D450*W900*H1850mm

LABORATORY SOLUTION

43



LABORATORY FURNITURE

44

Island Lab of C-Type Frame with Suspended Cabinet



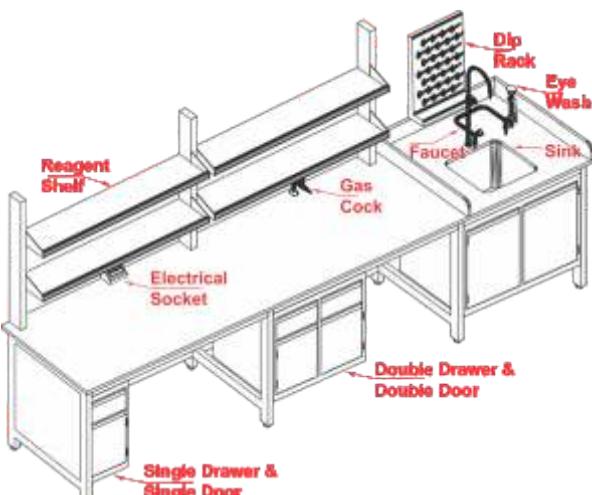
Lab Table with Hanging Cabinets



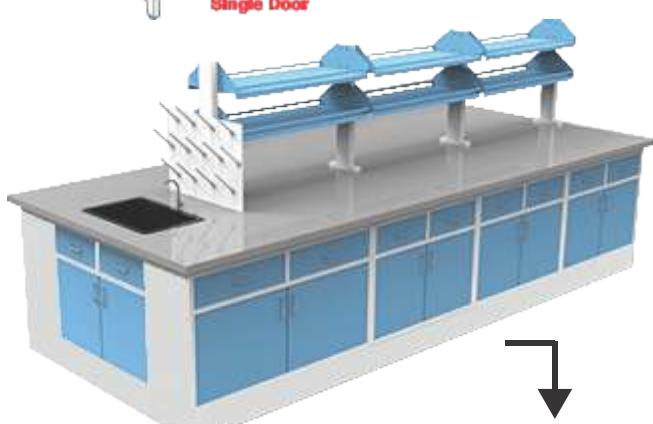
Lab Table with Mounted Cabinets



Island Lab Table with Suspended Cabinets



Fume Hood



Island Table with Floor Mounted Cabinets



Lab Work Bench

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