

Technical Specifications

Technical Specifications For Heavy Duty Storage Racking System

- Height of the rack - 4200mm
- Horizontal beam length- 2300mm
- Depth of rack -900mm
- Number of level-three (Ground plus two level with panels)
- Capacity per level-2000 kgs
- Capacity per module-4000 kgs
- Quantity of Main modules - 18 no's
- Quantity of Additional. Module-88 no's

UPRIGHT FRAME (VERTICAL) A. UPRIGHT CHANNEL

A.	UPRIGHT CHANNEL	:	Length-4200mm Section- 1.6 mm thickness (9/10 Bend Sec)
	Quantity	a.	Main Module-18x2x2 = 72 No's
		b.	Addl.Module-88x1x2 = 176 No's
B.	BASE PLATE	:	Section-3.15mm thickness
	Quantity	b.	Main Module~ 72 No's
		b.	Addl.Module-176 No's
C.	ANCHOR BOLT	:	Length-100mm Section- M12x100
	Quantity	a.	Main Module-18x8 = 144 No's
		b.	Addl.Module-88x4 = 352 No's
D.	HORIZONTAL BRACING	:	Length –According to 900mm depth Section 30x30x1.6mm ‘C’ Quantity 2 No's. per upright frame
E.	DIAGONAL BRACING	:	Length-According to 900 mm depth

Section- 30x30x1.6mm C.
Quantity 6 No's. per upright frame

HORIZONTAL BEAM

- A. BEAM CHANNEL : Length-2300mm
Section-1.6mm Box Section
Quantity a. Main Module-18x4 = 72 No's
b. Addl.Module~88 x4 = 352 No's
- B. LOCKING PIN : Quantity-2 No's per beam
- C. PALLET : Size: 1000mmx1100mm
Two way open metal pallet with epoxy powder coated
Quantity 2 pallet per rack
- D. DECK SHEET IN STEEL . : Length-According to 900mm depth
Section-Epoxy powder coated 6 bend panel. It should cover entire length 2300mmx900mm without spacing.
Quantity a. Main Module-18x2 = 36 No's
b. Addl.Module-88x2 = 176 No's

Material: Material should be of high grade steel IS 5986 for Upright and IS 513D or equivalent for Decking Panel.

All the components shall be thoroughly pre-treated in 8 stage pre treatment process and all the components shall be painted with epoxy powder coating and film thickness of minimum 50 microns.

Color: Orange color for beam and base plate rest all components should be in blue color.