



**VS RACKING
SOLUTIONS**

मज़बूती में ऊँचाई, भरोसे में गहराई

DESIGN · SUPPLY · INSTALL

Warehouse Storage Solutions, Delivered.

Industrial racking, shelving and mezzanine floors — specified around your building, your pallets and your throughput. One partner from site survey to signed-off installation.



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Racking**

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THE INTEGRATOR MODEL

We are an integrator, not a factory.

That distinction matters more than it sounds. A manufacturer sells you what its production line makes. We survey your site, engineer the layout, select the right system from a network of vetted manufacturing partners, and manage the project through to handover.

For you the difference is practical: the specification is chosen to suit your operation rather than to suit a production schedule. Where a standard system is the most economical answer, we supply it. Where it is not, we configure something that fits.

What clients get from the model

IMPARTIAL SPECIFICATION

We recommend the system your operation needs, not the one we happen to hold in stock.

COMPETITIVE PRICING

Multiple sourcing routes keep quotations sharp on both cost and lead time.

FASTER TURNAROUND

No queue behind a single factory schedule when a programme is tight.

ONE ACCOUNTABLE CONTACT

Design, supply, installation and sign-off sit with one team.

48 hrs

Typical response to an enquiry

2 – 3

Layout options per brief

1

Point of accountability

100%

Installations formally signed off

Figures describe our standard working commitments. Project timelines are confirmed in writing at quotation stage.

How a manufacturing partner is chosen for your order

CAPABILITY

The partner must already build the specification your layout calls for – not something adjacent to it.

EVIDENCE

Load ratings must be supported by the supplier, and stated on the drawing and the load notice.

PROGRAMME

The partner must be able to meet your date without compressing quality. If none can, we say so.

FROM ENQUIRY TO HANDOVER

How a project runs

A short, predictable sequence – so you always know what happens next and who owns it.



01 SURVEY & BRIEF

We visit the site, measure the building, and record your pallet types, SKU profile, throughput and handling equipment. Nothing is specified from a phone call alone.

02 DESIGN & QUOTE

You receive a layout drawing, a capacity summary and an itemised budget – usually with two options, so the trade-off between storage density and pallet access is visible before you commit.

03 SOURCE & SUPPLY

We place and expedite the order with the manufacturing partner best matched to the specification and your delivery date, and we hold that schedule on your behalf.

04 INSTALL & HAND OVER

Installation is scheduled around your operation, followed by load-notice fitting, inspection and formal sign-off. You receive a handover pack, not just an invoice.

What we will not do

We do not price a racking system before we know the load, the handling equipment and the condition of the floor. A quotation produced without those three facts is a guess, and the correction always arrives after the order is placed. If you need a number urgently, we will give you a budget band and tell you plainly what could move it.

Typical programme

SURVEY

Booked within a few working days of the enquiry, and completed in a single visit for most sites.

DRAWING & BUDGET

Layout options and an itemised budget typically within 48 hours of the survey.

SUPPLY & INSTALL

Confirmed in writing at order stage and driven against that date, not estimated again later.

PRODUCTS & SOLUTIONS

Storage systems for every part of the building

Four core families, each configured to the building and the operation rather than to a fixed catalogue. Every system can be specified in standard form or adapted – heights, depths, bay widths, finishes and load ratings are all set at design stage.

01

Pallet Racking

Selective, double-deep, drive-in, push-back, pallet live and very narrow aisle configurations for palletised storage.

Forklift-handled bulk stock

02

Shelving Systems

Boltless, long-span and multi-tier shelving for hand-loaded stock, spares, cartons and pick faces.

Hand-picked stock

03

Mezzanine Floors

Structural mezzanines that convert unused headroom into a second working level, without extending the building.

More floor area

04

Custom Storage

Cantilever, tyre, cable-reel, mould and die systems engineered around loads that do not fit a pallet.

Awkward and long loads

Also supplied

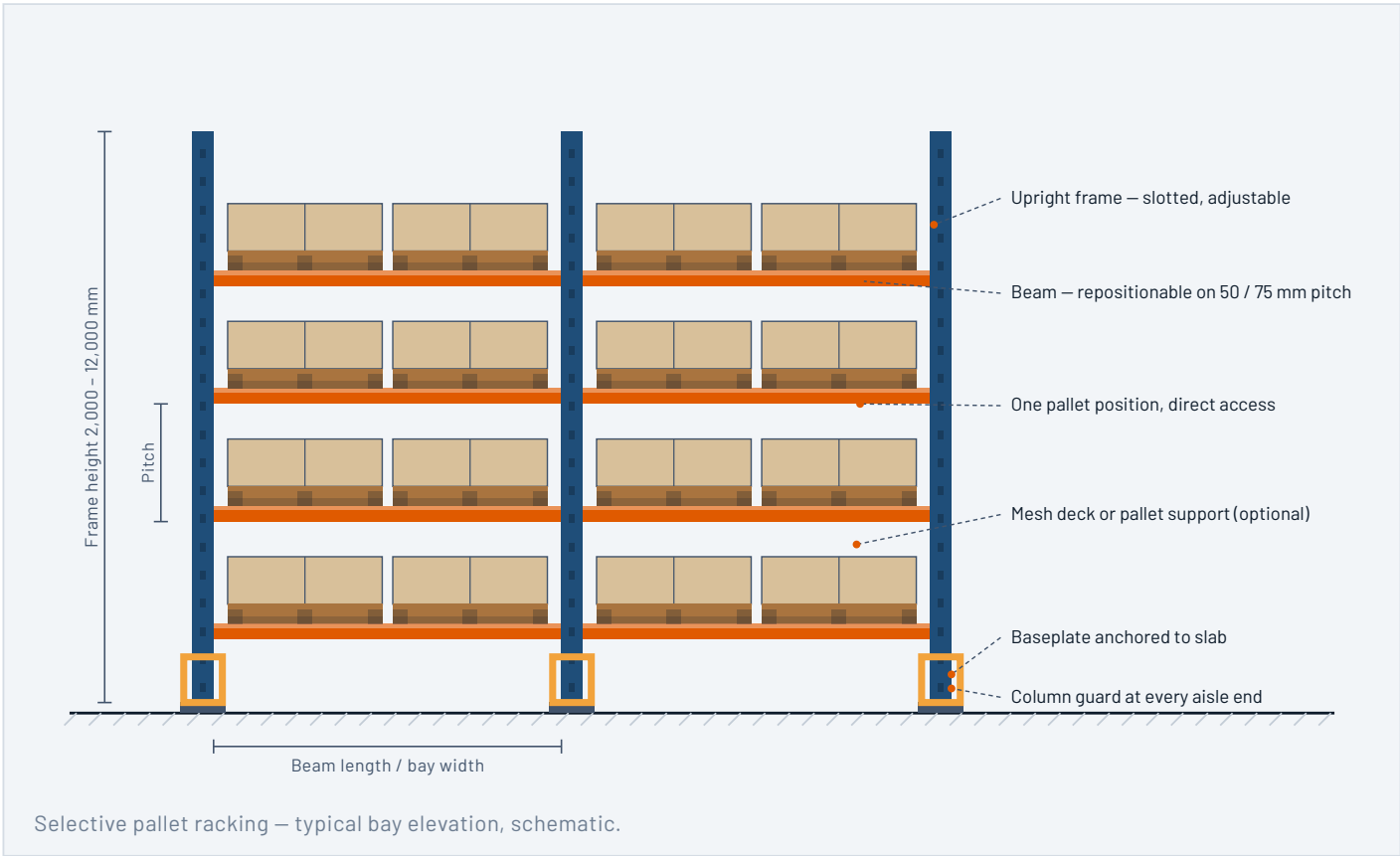
- **Rack protection** – column guards, aisle-end barriers, guide rails, bollards
- **Safety accessories** – anti-collapse mesh, pallet supports, back stops
- **Decking & panels** – mesh decks, steel panels, chipboard shelves
- **Signage & labelling** – location, aisle and bay ID, load-capacity notices

Most buildings need more than one family. A working warehouse usually combines bulk pallet racking for reserve stock, shelving or a multi-tier system at the pick face, and a mezzanine where headroom is going unused. Specifying them together – on one drawing, with one set of aisle widths – costs less and works better than adding them one at a time over three years.

BULK PALLETISED STORAGE

Pallet Racking Systems

The workhorse of palletised storage. Adjustable beam levels let you change the configuration as your stock profile changes, with direct access to every pallet position where selectivity matters most.



SPECIFICATION RANGE

Frame height	2,000 – 12,000 mm
Beam load capacity	1,000 – 4,500 kg per level (UDL)
Frame depth	Set to pallet depth and overhang
Beam length	Two or three pallets per bay
Finish	Powder-coated or galvanised

SPECIFIED AROUND YOUR OPERATION

- Fully selective where picking speed dominates
- Higher-density formats where floor area is the binding constraint
- Frame heights, beam lengths and level spacings set from the site survey
- Beams repositionable as the stock profile changes
- Mesh decks, pallet supports, column guards and safety mesh specified with the run

On capacities. The figures above are the range we specify across our partner network, not one product. Your rating is confirmed on the approved drawing and stated on the load notice fitted to every run.

CHOOSING THE LAYOUT

Configurations compared

Selective
100% pallet access

Double-deep
Two pallets deep

Drive-in
Maximum density

Push-back
Density with LIFO

Very narrow aisle
Height + density

Plan-view schematics. Blue blocks indicate pallet positions; white bands indicate aisles and truck access.

CONFIGURATION	PALLET ACCESS	DENSITY	ROTATION	BEST SUITED TO
Selective	100%	Low	Free	Mixed, fast-moving stock with a high SKU count
Double-deep	50%	Medium	LIFO	Two or more pallets per SKU, reach truck available
Drive-in / drive-through	Block face	High	LIFO / FIFO	Few SKUs, high volume, cold store
Push-back	Front face	High	LIFO	Buffer and despatch lanes, two to five deep
Pallet live	Front face	High	FIFO	Date-coded stock and order despatch
Very narrow aisle	100%	High	Free	Height available, guided truck, high throughput

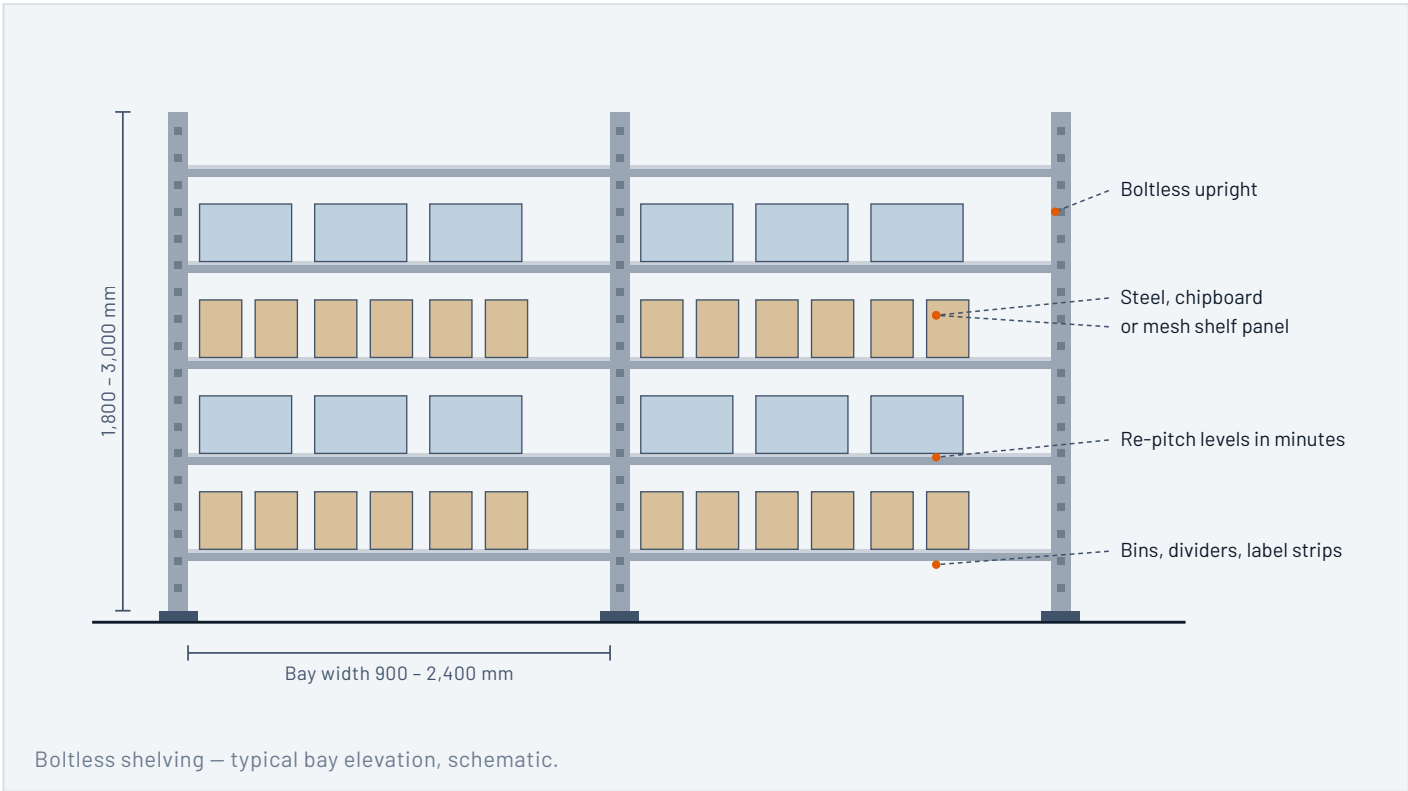
Density is bought with selectivity.

Every step up the density scale trades away direct access to individual pallets and increases dependence on specific handling equipment. A drive-in system that suits four SKUs becomes a daily obstruction at forty. This is the single most consequential decision in a warehouse layout, and it is properly made at survey stage – from your real SKU count and throughput – rather than corrected after installation.

HAND-LOADED STORAGE

Shelving Systems

For stock that is picked by hand rather than by forklift: spares, cartons, small parts, archive and e-commerce pick faces. Boltless assembly means levels can be re-pitched in minutes as the stock profile changes.



CONFIGURATIONS AVAILABLE

- **Boltless shelving** — fast assembly and reconfiguration for general storage
- **Long-span shelving** — wider bays for bulky, hand-loaded items
- **Multi-tier systems** — shelving stacked into two or three walkable levels
- **Small parts & bin storage** — drawer units, louvre panels, bin fronts
- **Archive & document storage** — depth and pitch set for box sizes

SPECIFICATION RANGE

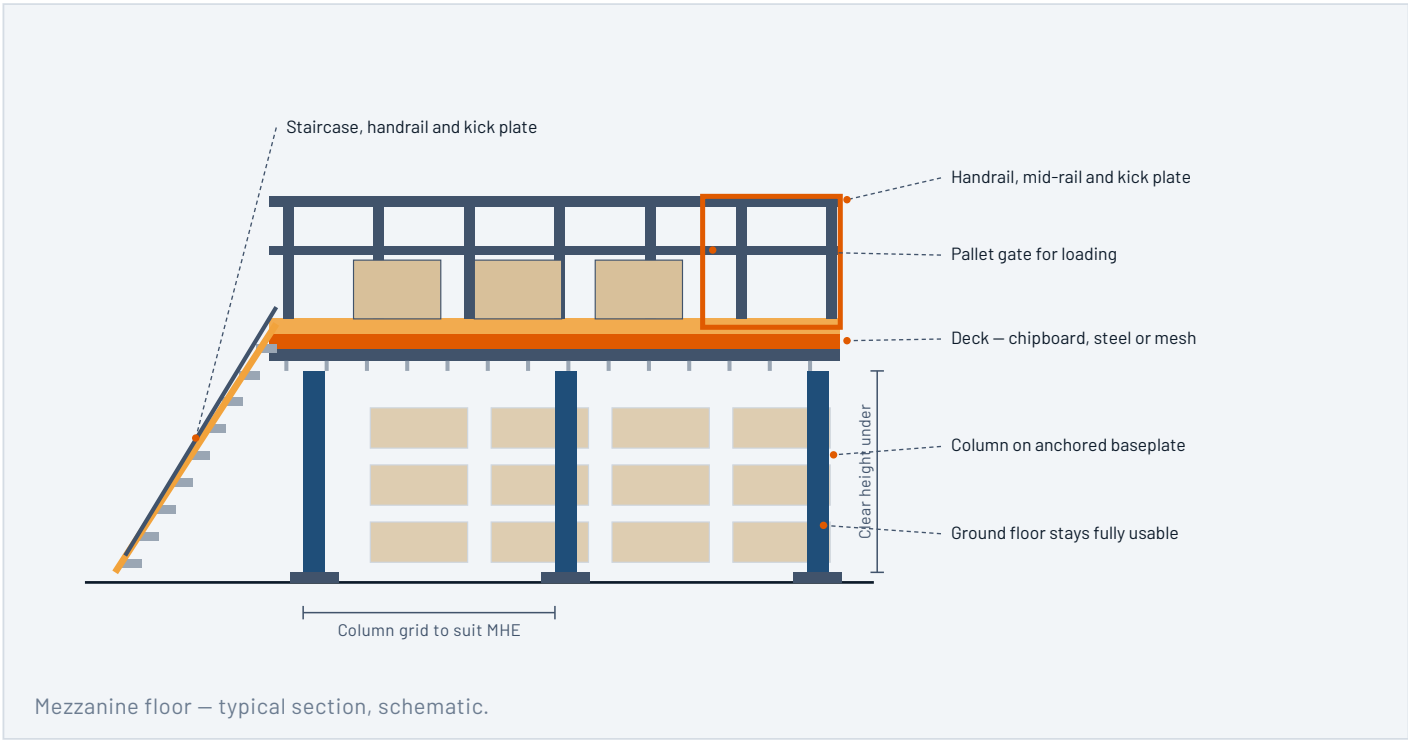
Bay width	900 - 2,400 mm
Shelf load	100 - 800 kg per level (UDL)
Shelf materials	Steel panel, chipboard, mesh
Accessories	Dividers, back and side panels, label strips, bins

Where the quick wins usually sit. Shelving is the cheapest capacity to recover. Correct level pitching, the right shelf depth and a sensible pick-face height routinely lift storage density substantially without touching the building or the racking. We will look here first before recommending anything structural.

ADDED FLOOR AREA

Mezzanine Floors

The cheapest square metre is usually the one already inside your building. A structural mezzanine converts unused headroom into a second working level – storage, picking, packing or offices – without extending the footprint or triggering a relocation.



TYPICAL APPLICATIONS

- **Storage mezzanines** – additional pallet or shelving area above ground floor
- **Pick and pack platforms** – dedicated levels for order assembly and despatch
- **Office and welfare decks** – enclosed space over operational floor area
- **Production support floors** – line-side storage and equipment platforms

SPECIFICATION RANGE

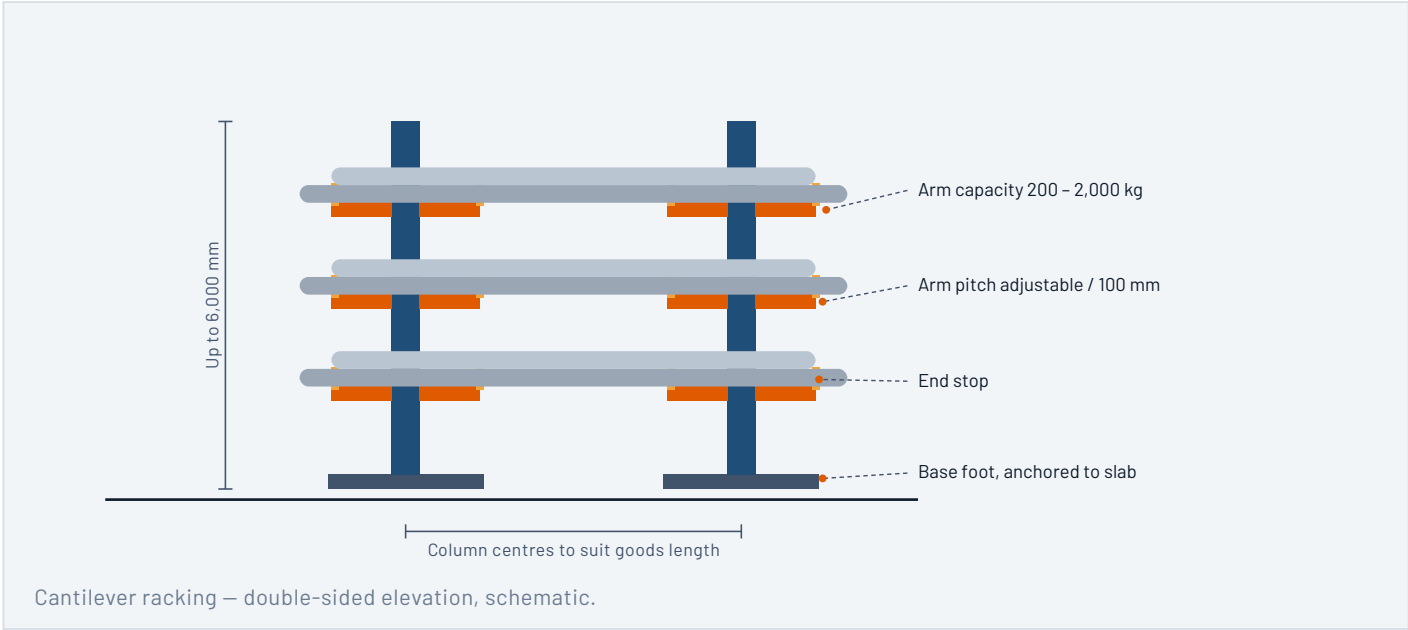
Floor loading	350 – 1,000 kg/m ² (UDL)
Clear height under	Set to suit MHE and building
Decking options	Chipboard, steel, mesh, anti-slip
Included	Staircases, handrail, kick plate, pallet gates

Approvals, raised early. A mezzanine can attract local building approval, fire-protection and means-of-escape requirements depending on its size, use and the building it sits in. Where that applies to your project we will tell you before you place the order – not after the steel is on site.

PURPOSE-BUILT

Custom Storage Solutions

Not every load fits on a pallet. Long goods, heavy dies, reels, tyres and irregular assemblies need systems designed around the item itself – and this is where the integrator model earns its keep.



EXAMPLES OF CUSTOM WORK

- **Cantilever racking** – pipes, timber, steel sections, profiles and boards
- **Tyre and reel storage** – cradles and supports shaped to the product
- **Mould and die racking** – heavy-duty levels with lifting access
- **Cold store and clean-area systems** – finishes and materials to suit the environment
- **Retrofits and reconfigurations** – adapting installed racking to a changed stock profile

SPECIFICATION RANGE

Design basis	Load-led, engineered per project
Cantilever arm capacity	200 – 2,000 kg per arm
Arm pitch	Adjustable, typically 100 mm increments
Finishes	Powder coat, galvanised, food-grade options

Adapt before you replace. Installed racking can often be reconfigured to a changed stock profile for a fraction of the cost of new steel. Where that is the better answer for you, we will say so – even though it is the smaller order for us.

How a custom system is defined

- **The load first** – weight, dimensions, deflection and how it behaves when supported
- **Then the rotation** – how often the item is retrieved, and from which face
- **Then the handling** – crane, forklift, manual, and the access each one needs
- **Then the environment** – temperature, humidity, washdown and hygiene requirements

ALSO SUPPLIED AND INSTALLED

Safety & Ancillary Equipment

The components that keep an installation compliant and protected in daily use. These are specified with the run, not sold afterwards when something has already been hit.



Column guard



Mesh deck



Aisle-end barrier



Load notice plate

Representative protection and safety components, schematic.

RACK PROTECTION Column guards, aisle-end barriers, guide rails and bollards, specified to the traffic around each run.	SAFETY ACCESSORIES Anti-collapse mesh, pallet supports, back stops and load notices, fitted with the installation.	DECKING & PANELS Mesh decks, steel panels and chipboard shelves to suit the load and the handling method.	SIGNAGE & LABELLING Location labelling, aisle and bay IDs, and load-capacity signage for every run.
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Standards, quality and handover

- Components specified to recognised load and safety standards, with the rating evidenced by the supplying partner
 - Load notices fitted to every run at handover, stating the configuration they apply to
 - Written inspection guidance issued with the handover pack
- Handover pack: layout drawing, load-notice schedule, installation sign-off
 - Damage-reporting routine explained to your team, not just documented

The cheapest line item you will regret cutting. Rack damage is caused by handling equipment, and handling equipment does not become more careful over time. Guards and barriers cost a fraction of one upright replacement – and far less than the downtime of unloading a damaged run to repair it.

Recommended inspection rhythm

ONGOING · OPERATORS Impact damage reported the moment it happens; loads overhanging or unstable.	PERIODIC · NOMINATED PERSON Bent uprights and braces, displaced beam connectors, missing safety pins, damaged baseplates.	ANNUAL · COMPETENT INSPECTOR Condition survey, damage classification, repair or replacement schedule.
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START FROM THE CONSTRAINT

Which system fits?

Most storage problems are misdiagnosed as a shortage of racking when they are actually a shortage of height, a mismatch of aisle width, or a picking problem. Identify what is actually under pressure first – the system follows from it.

IF THE PRESSURE IS...	LOOK FIRST AT...	BECAUSE
The floor is full but the roof is empty	Taller selective racking, or a mezzanine	You are paying rent on cubic metres and using square metres
Pick speed is the bottleneck	Selective racking, pallet live, or multi-tier shelving	Travel and access time dominates, not storage capacity
Few SKUs, very high volume	Drive-in, push-back or pallet live	Selectivity is worth little when every pallet holds the same thing
Stock is hand-picked, not palletised	Shelving or a multi-tier system	Pallet racking wastes cube on small, hand-loaded items
Goods are long, heavy or awkward	Cantilever or purpose-built systems	The load dictates the structure, not the other way round
Rent is the largest cost line	Mezzanine, assessed before relocation	Added internal area is almost always cheaper than a bigger lease
Stock profile keeps changing	Selective racking with adjustable beams	Flexibility outlives any single density optimisation

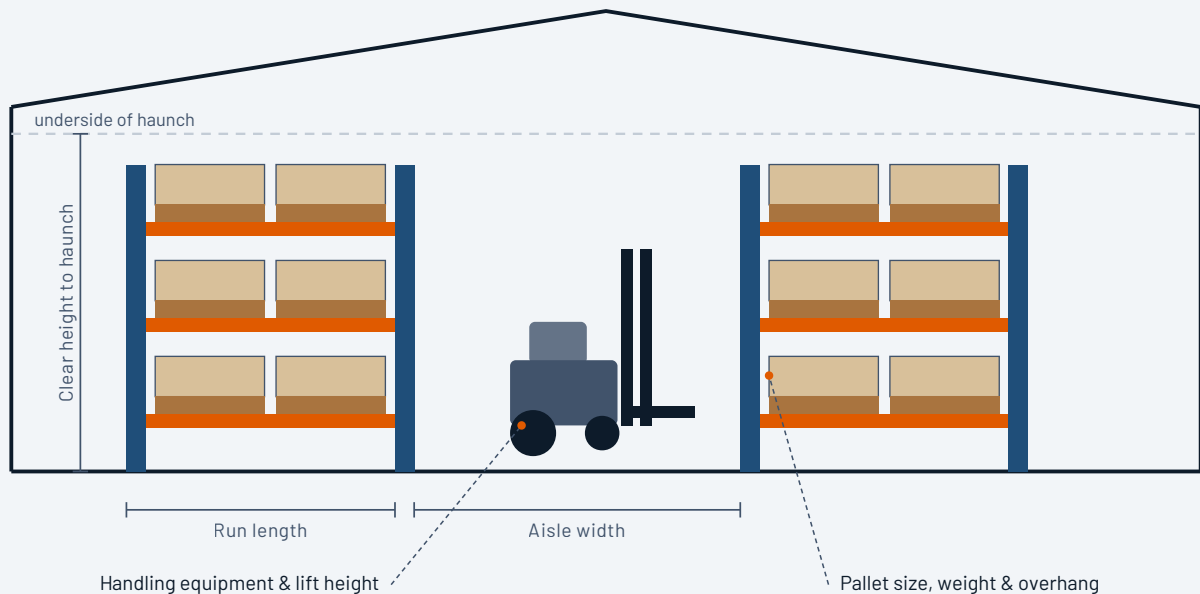
A caution about copying. The layout that works for a comparable business down the road is rarely the layout that works for you. Pallet weight, SKU count, truck type, floor flatness and clear height differ between buildings that look identical from outside. We price from your numbers, not from a template.

Three questions we will ask before recommending anything

What is the heaviest fully loaded pallet you store, and how often? It sets the beam rating, and it is the number most often guessed. · **What lifts it, and how high can that machine reach?** Racking taller than your truck is storage you have paid for and cannot use. · **How many distinct SKUs are in the area?** This single figure decides whether density or selectivity should win the layout.

SEND THESE AND SKIP A ROUND OF QUESTIONS

What we need to quote you properly



The four measurements that determine most of a layout, schematic.

THE BUILDING

- ☐ Internal floor dimensions, with column positions
- ☐ Clear height to the underside of the haunch or lowest obstruction
- ☐ Shutter, dock and doorway positions
- ☐ Floor type, thickness and condition if known
- ☐ Sprinkler, lighting and services layout
- ☐ Any existing racking to be retained or reused

THE GOODS

- ☐ Pallet dimensions and type (wood, plastic, steel)
- ☐ Gross weight of a fully loaded pallet
- ☐ Overhang beyond the pallet footprint
- ☐ Load stability and whether goods are wrapped
- ☐ Approximate SKU count and pallets per SKU
- ☐ Operating temperature, if not ambient

THE OPERATION

- ☐ Handling equipment in use and its maximum lift height
- ☐ Aisle width currently available or planned
- ☐ Shift pattern and daily throughput, in and out
- ☐ FIFO or LIFO rotation requirement
- ☐ Growth expected over the next three years
- ☐ Target date for the space to be operational

Do not worry about completing all of it. Send what you have – floor dimensions, clear height and pallet weight alone are enough for a first conversation and an indicative band. We will collect the rest at the survey. What we will not do is fill the gaps with assumptions and present the result as a firm price.



Tell us about your warehouse.

Send your floor dimensions and pallet details, or book a site assessment.
We will come back with a layout and an indicative budget — typically within
48 hours of the survey.

TELEPHONE

+91 99902 15370
+91 98106 90969

EMAIL & WEB

contact@vsrackingsolutions.com
vsrackingsolutions.com

OFFICE HOURS

Mon – Sat, 9:00 am – 6:30 pm

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All dimensions, capacities and specifications in this catalogue are indicative of the range we specify across our partner network. Figures for any individual project are confirmed in writing on the approved layout drawing. Illustrations are schematic and not to scale.

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