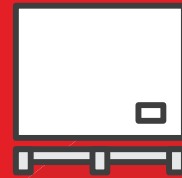


STOW PALLET RACKING



PALLET STORAGE

BOOSTING OPERATIONAL EFFICIENCY IN:

- ✓ Fast Moving Consumer Goods
- ✓ Warehousing and Distribution
- ✓ Archive and Storage
- ✓ Automotive Parts

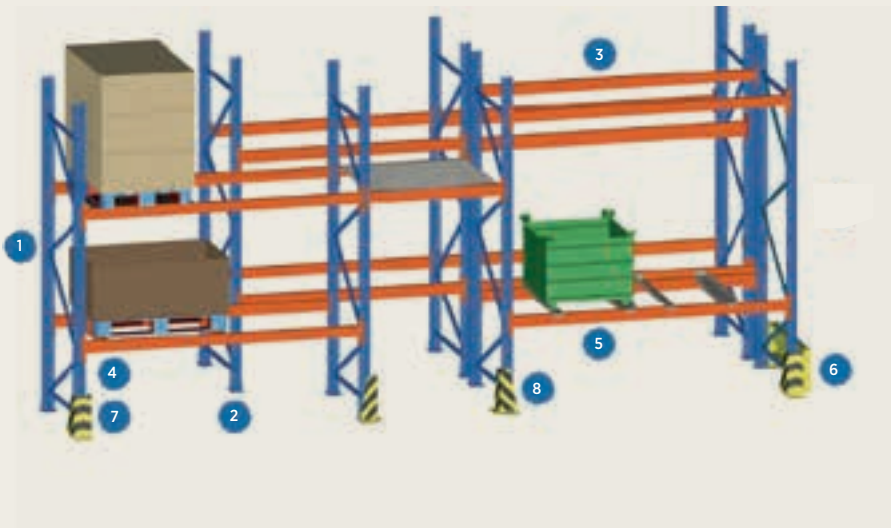


BOWEN[®]
STORAGE

CONVENTIONAL PALLET RACKING

THE STOW PAL RACK® SYSTEM CONSISTS OF A FULL RANGE OF MODULAR COMPONENTS AND ACCESSORIES TO FULFILL ALL OF YOUR PALLET STORAGE REQUIREMENTS.

The system is designed for the optimised storage of goods of all sizes and weights. All components have been thoroughly tested in specialised laboratories to determine their structural properties. These are used to calculate the safe load capacity of each component and ensure that they meet the stringent requirements of the FEM code for pallet racking.

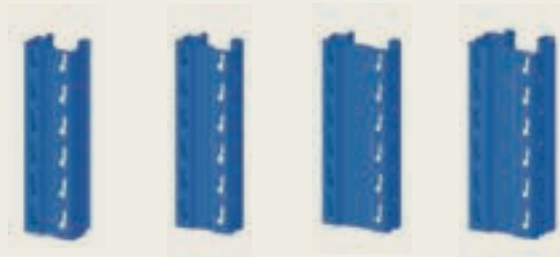


- ① The frame
- ② The footplate
- ③ The beam
- ④ The pallet support
- ⑤ The container support
- ⑥ The frame protector
- ⑦ The upright protector
- ⑧ The corner protector

THE FRAMES

Stow pallet racking frames are available in lengths of up to 15 metres in a painted or galvanised finish. Our wide range of frame types allows the storage system to be designed for heights up to 40 metres and bay loads of up to 45,000kg.

TYPE	WIDTH	DEPTH
PNFB 12,13	85	65
PLFB 15, 16	100	65
PLFB 17, 18	120	65
PLFB 29, 30, 31, 32	120	92
PLFB 33, 34, 35	140	92





BOLTLESS CONNECTORS ALLOW FOR QUICK AND EFFICIENT ASSEMBLY

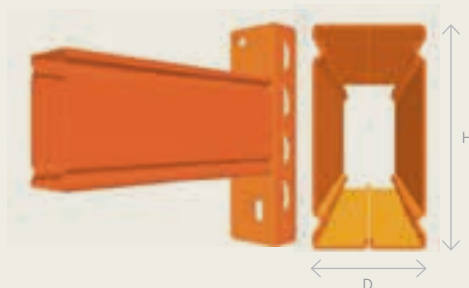
THE END CONNECTOR

The Stow pallet racking beam connector allows for a boltless beam connection ensuring quick and easy assembly. The beam connector is made of high quality micro-alloy steel imparting full lateral stability for the pallet storage system. The beam safety pin prevents accidental dislodgement of the beam.

THE BEAMS

Several types of beams are available, to suit all possible configurations:

THE COLD-FORMED TUBE BEAM



PART NO	LENGTH	HEIGHT	DEPTH	SWL
QPB 0488 1375	1375	80	50	2439
QPB 0488 2600	2600	80	50	1094
QPB 0488 2750	2750	80	50	994

The tubular beam section is reinforced at both top and bottom avoiding local damage when loading heavy pallets.

THE BOX-BEAM



PART NO	LENGTH	HEIGHT	DEPTH	SWL
QPB 0441 2600	2600	110	50	3137
QPB 0442 2750	2750	120	50	3546
QPB 0444 3650	3650	140	50	2621
QPB 0444/1.8 3850	3810	140	50	3059
QPB 0449 2600	2600	90	50	2153
QPB 0449 2750	2750	90	50	2000

The beam is composed of two cold-formed C-profiles. It is very resistant to torsion and provides great stiffness in both horizontal and vertical directions, with a load bearing capacity of up to 4,800kg per beam level.

THE FOOTPLATE

The Stow baseplate allows the frame to be anchored securely to the concrete slab.



STOW PALLET RACKING BASEPLATES FEATURE DOUBLE FLOOR FIXINGS TO COMPLY WITH AUSTRALIAN STANDARDS AS4084:2012.



ACTIVE PICKING LEVELS USING PARTICLEBOARD

PALLET RACKING ACCESSORIES

Bowen Storage has a wide range of accessories available to ensure you get the most out of your pallet storage system.



SAFE WORKING LOAD SIGNAGE

Safe working load signs indicate maximum safe working load limits – a requirement of AS4084:2012.



THE PALLET SUPPORT

The pallet support is used to support pallets of poor quality or when pallets are placed with the 1200mm side facing the aisle. A pair of galvanised cold-rolled pallet supports can take a load of up to 1200kg.



MESH DECKS

Mesh decking enhances the flexibility of your pallet racking and is ideal for heavy hand load storage and odd sized pallets. The open face design of wire mesh decks is particularly suited for use in storage facilities where air circulation and fire and insurance regulations need to be considered.



THE CONTAINER SUPPORT

The container support is equipped with side guidance and optionally with an integrated back-stop. It is the recommend storage solution for storing stillages and pallet containers.



SHELVES

Picking levels can be created using particleboard shelves to enable smaller stock items to be stored within easy reach.





CORNER PROTECTORS HELP PRESERVE THE STRUCTURAL INTEGRITY OF YOUR RACK

PALLET RACKING SAFETY

Protection of the racking against collision from a forklift truck is important. Safety accessories designed to safeguard pallet racking and equipment from accidental damage are available in a range of styles and finished in recognised safety colours. Racking protection products help maintain the structural integrity of your pallet racking and the safety of your staff.



THE CORNER PROTECTOR

The corners of the racking are vulnerable to damage caused by collisions. The corner protectors are anchored on both sides of the upright to protect the rack from accidental knocks.



THE UPRIGHT PROTECTOR

The upright protector wraps around the front upright reducing the damage caused by impact loads. Ideally suited for high volume and fast moving products.



THE FRAME PROTECTOR

Constant forklift traffic around the end-frames or the frames at the cross aisles often causes damage to the racking. Frame end guards are available to maintain the structural integrity of your pallet racking.



BRACING

Adding bracing in the down-aisle direction of the racking will increase the load capacity of the frames. Bracing can be installed as vertical spine bracing or horizontal plan bracing to further strengthen the pallet racking structure.

PALLET STORAGE SOLUTIONS

PALLET LIVE RACKING



NARROW AISLE RACKING



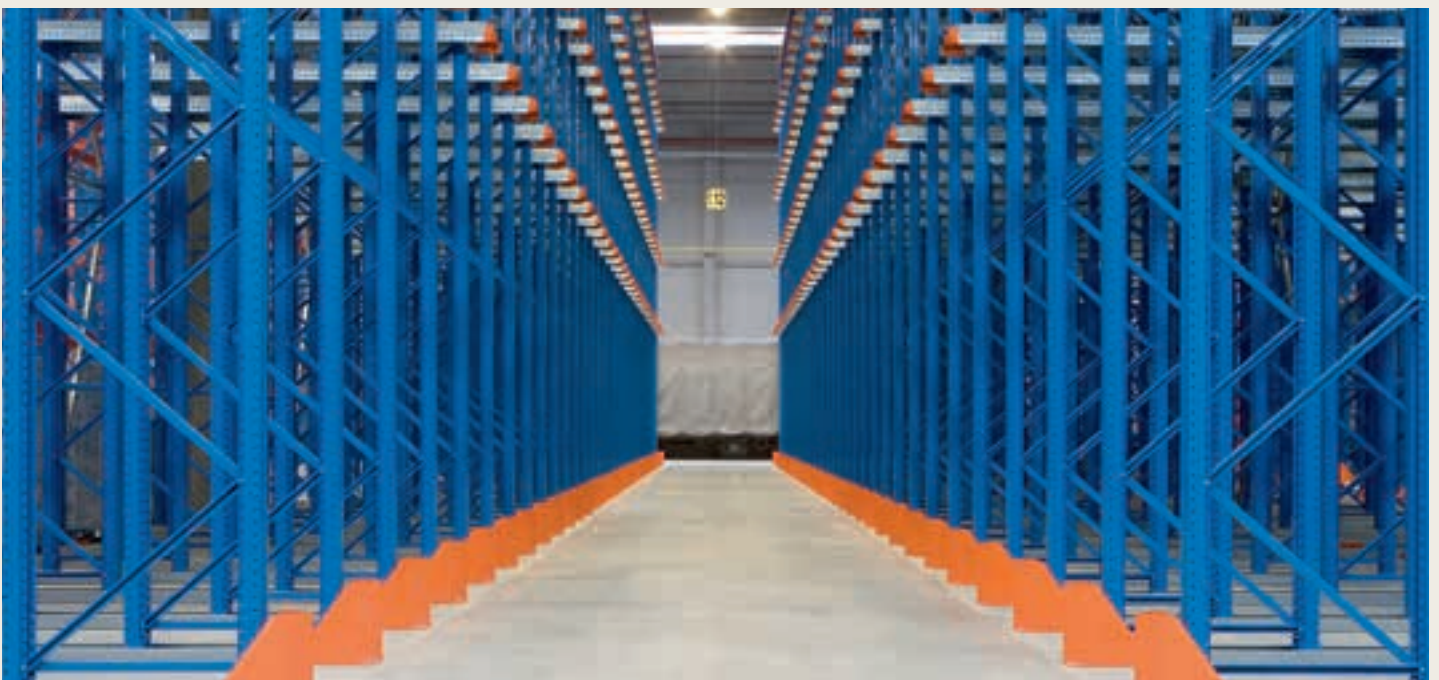
PUSH BACK RACKING



CABLE REEL RACKING



DRIVE IN RACKING



**BOWEN STORAGE
IS YOUR TRUSTED ADVISOR FOR ALL
STORAGE APPLICATIONS. WE INVITE
YOU TO DRAW ON OUR WEALTH OF
EXPERIENCE AND EXPERTISE AT THE NEXT
AVAILABLE OPPORTUNITY, TO ENHANCE
PRODUCTIVITY FOR PROFITABILITY.**



**ENQUIRE NOW
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