

# A Low Cost, Versatile Solution for High Density Pallet Storage ...



#### **Contents**



- About Colby
- > Why use Drive-In Rack?
- > Drive-In Rack Advantages
- > The Colby DI Rack System
- Application Examples





### About Colby



- Over 40 years Design and Manufacturing Experience in Australia
- National Network of Independent Distributors around Australia
- Backed by the resources of Intelligent Logistics Solutions Provider Dematic
- Innovative Comprehensive range of racking & shelving solutions

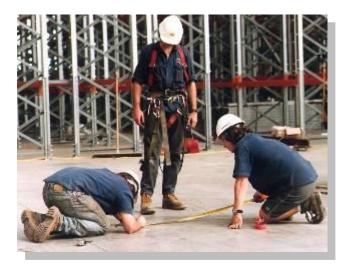


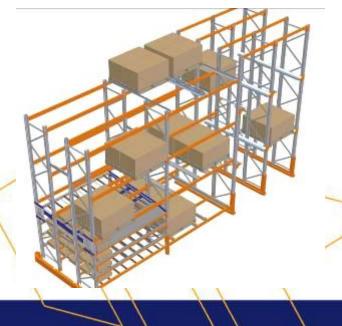


#### More Storage for Your Money



- High quality, value for money and standardized products
- Helpful advice on storage system design, layout, equipment and occupational health and safety (OH&S)
- Reliable delivery, installation and backup service support
- Competitive pricing and excellent value for money





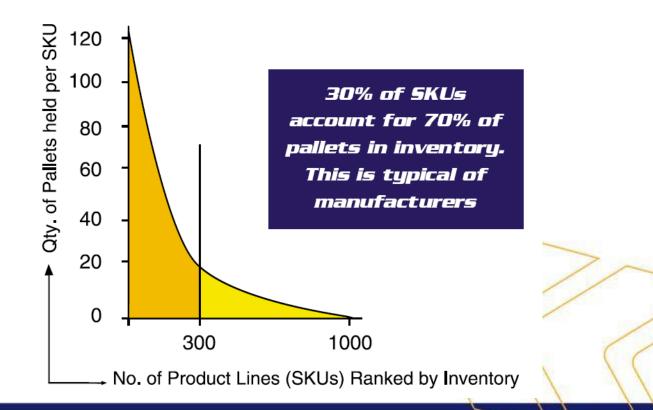


- Lowest cost, high density solution for pallet storage
- Maximises use of warehouse space
- Cost effective as there is no need for special equipment
  - Serviced by Reach Trucks and Counterbalanced Forklifts
- > Ideal for:
  - First in, last out storage requirements
  - Storing a large amount of similar loads in a smaller area



Non-selective Rack suits customers who have:

## A small number of SKUs & A large number of pallets per SKU





# A low cost, versatile solution for high density pallet storage



1. Cost effective design	•	Uses fewer, but stronger and bigger structural components
	•	Intelligent design optimises the use of steel

2. Fast & easy installation	•	Standardisation, modular components	
	•	Fewer components to install	

	•	Modular and highly configurable
3. Flexible & Versatile	•	Single sided cantilever brackets allow for different levels if required

4. Safe in All Conditions	Sofa in All Conditiona	•	Complete, integrated system of safety elements including:
	•	PAR, floor channel, stronger pallet runners, back stops, stronger spine and plan bracing	













### **Robust Pallet Runner**

- New patented design minimises vertical deflection & virtually eliminates horizontal deflection & twist
- · Securely bolted from underneath, avoiding catchpoints
- Modular (simply cut to length) & adjustable at 50mm intervals for greater flexibility & space maximisation
- Spans up to 2400mm with 1200kg pallets
- Stronger, heavy duty 1.9 or 2.4mm thick G450 galvanised steel





## **Stronger Uprights**

- Wider, stronger uprights
- Optimised for structural efficiency – new shape increases the strength and stability of the upright
- 125 and 150mm wide
- Range of thicknesses
  1.9 3Ømm
- Frame depths usually from 1200mm to 2400mm, depending on rack configuration





## **Rigid Floor Channels**

- "Lead in" nose & rigid channel design help guide the forklift into lane – ensuring quick and easy alignment with pallet
- Assists in safer handling and protection of the structure
- Punched at 50mm intervals provides flexibility of frame depth
- 5mm steel, 75mm high
- Standard lengths are spliced together between uprights
- Can be configured as "toes up" or "toes down"

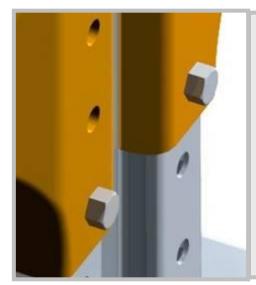




## Streamlined Protect-a-RACK

- · Patented and registered design
- Manufactured from heavy duty steel
- Simple, fast and cost effective installation
- Streamlined design maximises clear bay entry
- Complements the existing Colby range
- Fits 125 and 150mm uprights





## Standardised Bolts

- Universal use of high-tensile M12
  bolts throughout
- Avoids mistakes and simplifies assembly





## **Frame Bracing**

- New 'C' shape design
- · Large, heavy duty build
- Increases strength and load carrying capacity whilst reducing the quantity of bracing required.
- Symmetrically connects to the upright with two bolts - no spacers are required!







## **Plan & Spine Bracing**

- Heavy duty galvanised pipe section bracing manufactured exactly to length
- The number of different lengths will be kept to a minimum to avoid confusion during installation



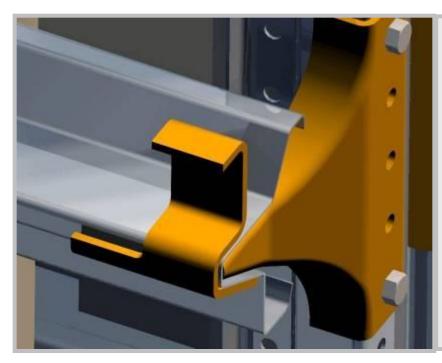


## **Top Beam**

- Robust Beam that is bolted securely into place, eliminating the possibility of accidental dislodgement
- Standard length that will become a stocked item



# **Additional Safety Components**



## Backstop

- Sits at the end of the pallet runner
- Improves safety by preventing pallet running off the end
- Eliminates potential damage to the spine bracing
- Improves ease of operation

#### **Application Examples**





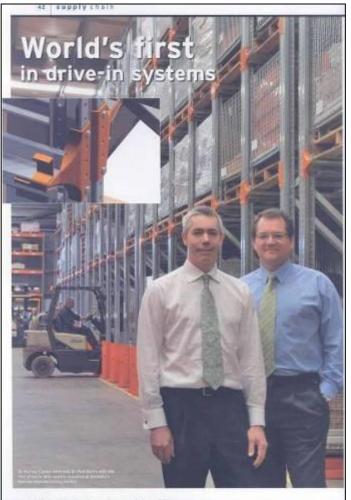
#### **Application Examples**





#### Colby Drive-In Rack in the trade press





42 HHB Supply Class Souriers - September / October 2007

#### supply chain 43

A there proceeding the presence and decompositely, the mean of the second barries of the second of the test mean or same sectors. Associating to Generating, the new detector experiment is then second some tables that the mean presence of the mean second of the second source of the mean presence of the second second of the second source of the mean presence of the second second of the second source of the mean second of the second second of the second source of the mean second of the second second of the second source of the mean second of the second seco

Televis is and/or ranking in the search cost and must papelin large of high-density public strenge. While previoting solutions descape capacity, density public searches and the search of the field pubies of the search of the search of the search of the field pubtic search of the search of the search of the search of the search strengt and the search strength restance.

 According to Dr. Marris Contex, Carrierto and returns integriminagine, The conducting for the design class water to available wave and opportunity the anatomical definitions of the spanner and standardsusing the comparent provided additional backward backward grants and standardsusing the comparent provided carrier share backwards proside comparents provided carrier to an addition.

They years agains an easi story with a third, pixely of paper and an inversion photosophy to meas the amount system larger, both and diminger, while inducing the another of components to once in the measurement comparison, it and Castles

We accentred the large components and industry of ensure if any philosy their brainfur set meta-factors, as well as transitions, we arrive any fills even configurations, and its reactions from this rest and fills even configurations, and its reaction from this fills for any start fills even configurations, and its reaction from this fills and the even configurations, and its reaction from this fills in the start fills even configuration in the start of the fill of the components were associated have applied to any hyper a start such as measurem filters and regionate devices as were fill we auto.

Brokeling the recoil encourses encourse of the new subject to the reset and particular guidant reaction Assumptions for SP Paul Berry, and the assumption of the second solution is the result of encourse theoretical and pairs, suggested for anticipate reading, to agreement the design.

We apart much have a control the strate of under particle of the parties more, unit was control of an end of any particle more advanced are in the well 4° used lensy. The two advanced decine is calculate all target space, which means the particle of the mass and thereins an the symmal additional and the strategy advance of the particle of the strategy and the strategy advance of table mass for a massive and target space. Since the particle of the strategy for advanced advanced to the strategy advance of target from strategies preventing and the strategy particle of the strategy and the strategy advance of the body on transsolution of the strategy and the strategy advance of the body on transsolution of the strategy advance of the strategy advance of the strategy particle of the strategy.

The one-spinor pair reliable association, one-pairs, formal problems functions that many instantly meaned the springly, writeing reapply to relations which real the springle with the angust instance are pairs and the springle with the angust paths while registrations and the environment design manifold paths where registrations and the environment design manifold paths and by registrations.

Hence day locating connects assessed assessed and in this satisfield, which contransact the strength related conversion cannot write relation of the plants are related as a strength of the satisfield of the area of the plants returns a present ability taking posted on the area of the plants returns a present ability taking posted on the area of the plants returns an area of the plants are planted on the area of the plants of the satisfield and the same planted on the area of the plants of the satisfield and the same of the same satisfield and the satisfield and the same of the same satisfield and the satisfield and the satisfield of the satisfield and the satisfield and the satisfield and plants area and plants, takes to reaching, and prove protection of the satisfield.

The interest Building within the optimity though report in mediate and capable of accorrected in grant canterior reports mediate includes platters platter, and here, The recentla, and in four prior society in the cold through industry where platter density in the any society in the cold through industry where platter density in the any society in the cold through industry where platter density in the any society in the cold through industry where platter density in the any society in the cold through industry where platter and the society is a society in the society of the society we exclude the society in the society of the society industry of the society is and .

An additional tool developed by the Density loant in the support and an operation of the regiment Machinery, short for reck manager

The Redenier program provide Service of the Diffs ditribution relevance will be any explosible trait of the explosible service time absorbage," such Darks, "The interversy the excitorises" inservice memory we are able to configure the ability addresses can allocate distance and law to Distance. The ability addresses the configure will advected functional associations to provide the temporary with accept schedules.

The contrast and work the through set 2 dampt the heapts and weight of unlasses and the sequence and threads the dampt and set classes the sequence book seading. For any, the second the starting optime is conclusion, and it is presented by a few measures. This would have head threads not an impact to any a few measures.

The market has reasoned to a positive matrice to the new data on rack and we prove have a number of huggs conversion in a range of constant entry arrest a function of number of numbers, and there  $\blacksquare$ 

