

**Brownbuilt**

# SHELVING SYSTEMS



**Quality Endorsed Company**

QEC Certification  
ISO 9002  
NSW 3644  
WA 1135  
VIC 3644

# ROLLED UPRIGHT TYPE SHELVING



Static Medium Duty Shelving



Static Light Duty Shelving

Brownbuilt has been an industry pioneer since 1885 and has been responsible for many technical innovations in storage systems during that time. Brownbuilt's position as Australia's leading supplier of shelving systems reflects a philosophy of continued investment in modern technology, use of the highest quality components and design flexibility.

Brownbuilt "Rolled Upright Type" (RUT) Shelving System has become the standard for light to medium duty warehouse storage since its conception in the 1930's. RUT shelving is roll-formed from premium pre-painted steel, to ensure durability and engineering integrity for warehouse storage applications, with a choice of standard colours (Wild Oats and Silver Grey).

It's design flexibility makes it ideal for integration into diverse environments ranging from industrial warehouses and storerooms, through to libraries,

museums, retail outlets and offices. RUT shelving also comprises an integral component for Brownbuilt's market leading Maxtor® Mobile Storage Systems. RUT shelving's bolted construction forms a strong, stable storage unit, that can be easily extended, re-configured or relocated as storage needs change over time.

## BROWNBUILT SELECT

Brownbuilt's on-going development of RUT shelving has resulted in Australia's most comprehensive light and medium duty, applications-based shelving system, with a wide range of standard component sizes and configurations to maximise storage areas. Where storage requirements dictate a customised solution, Brownbuilt storage consultants and engineers can also design and manufacture an individual RUT shelving installation with tailored dimensions to maximise storage capabilities.



Two Tier Shelving

## LIGHT DUTY RUT SHELVING

Primarily used for personnel accessed picking systems, for shelf loads up to 110kg (UDL) and a maximum stack height of 2375mm.

## MEDIUM DUTY RUT SHELVING

Utilised where heavier duty industrial storage applications are required for shelf loads up to 230kg (UDL) and a maximum stack height of 2375mm. Extensively used for Two-tier and raised storage applications. (Shown opposite).

## COMMERCIAL SHELVING

An attractive and durable adaptation of the light duty RUT shelving system, with a powder coat finish and a full range of filing accessories and options to suit the office environment.

# APPLICATIONS BASED DESIGN



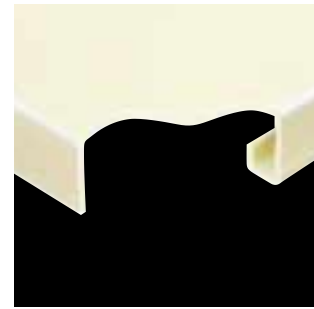
**LIGHT DUTY (RUT) UPRIGHT**

- 16mm diameter rolled post section
- 8mm x 8mm shelf clip perforations
- 0.9mm material thickness



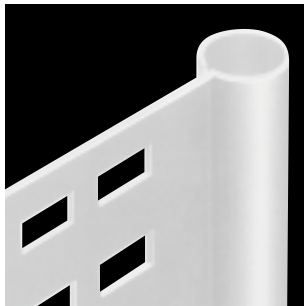
**LIGHT DUTY SHELF CLIP**

- Magiclip: 750mm/900mm shelf support
- Agnew Clip: 1200mm shelf support (not illustrated)



**LIGHT DUTY (RUT) SHELF**

- 0.9mm material thickness
- Triple formed front/rear shelf flanges
- Single form side shelf flanges



**MEDIUM DUTY (RUT) UPRIGHT**

- 25mm diameter rolled post section
- 8mm x 16mm shelf clip perforations
- 1.2mm material thickness



**MEDIUM DUTY SHELF CLIP**

- Wonderclip: Medium Duty shelf support



**MEDIUM DUTY (RUT) SHELF**

- 1.2mm material thickness
- Triple formed front/rear shelf flanges
- Double formed side shelf flanges

## LIGHT AND MEDIUM DUTY SHELVING SPECIFICATIONS

STANDARD COMPONENTS	HEIGHT	WIDTH			DEPTH					
		750	900	1200	300	350	400	450	500	600
<b>Light and Medium Duty Shelving</b>										
Light Duty Uprights	975				✓		✓			
	1875				✓	✓	✓	✓	✓	✓
	2175				✓	✓	✓	✓	✓	✓
	2375				✓		✓	✓	✓	✓
Medium Duty Uprights	2175				✓		✓	✓	✓	✓
	2375				✓		✓	✓	✓	✓
Back Panels	975	✓	✓	✓						
	1875	✓	✓	✓						
	2175	✓	✓	✓						
	2375	✓	✓	✓						
Kickplates	50	✓	✓	✓						
Light Duty Shelves 110kg (UDL)	30	✓	✓	✓	✓	✓	✓	✓	✓	✓
Medium Duty Shelves 230kg (UDL)	30	✓	✓	✓	✓	✓	✓	✓	✓	✓

(UDL) Uniformly Distributed Load

NOTE: Contact your nearest Brownbuilt Office for information regarding non-standard Light and Medium Uprights, Back Panels and Shelves, available on application through the Brownbuilt Select System.

## RUT SHELVING BENEFITS

Brownbuilt RUT shelving is a fully featured quality range that bears testimony to years of development and experience in providing innovative and flexible solutions for light and medium duty storage requirements:

- Durable metal construction
- Range of bay constructions to suit storage needs
- No raw edges to damage stored products
- Solid bolted construction and ease of assembly
- Simple clip shelf support system
- 25mm vertical shelf adjustment
- Multiple front and rear clip positions for independent bay shelf positions
- Close-fitting shelves to prevent stock damage or loss
- Applications based shelf load capacities
- Single or double-sided shelving configurations
- Wide range of heights, widths and depths
- Brownbuilt Select customised storage solutions
- Wide range of storage accessories
- Durable paint finish

## COMMERCIAL SHELVING

Brownbuilt Commercial Shelving is the perfect storage solution for any office with restricted space and has been developed to compliment modern, efficient records management and storage systems.

Commercial Shelving combines the strength and durability of Light Duty RUT shelving with the aesthetics and versatility to enhance modern office designs. Metal upright cover panels ensure a clean, attractive finish to the ends of shelving stacks.

Brownbuilt Commercial Shelving is pre-configured as freestanding "Starter Bays" and "Add-On Bays" as standard, in both single and double-sided carcasses for ease of design layout. Components are shipped in CKD form for ease of transport and assembled on-site by trained personnel.

Where storage requirements dictate a customised solution, Brownbuilt storage consultants and engineers can design and manufacture an individual Commercial shelving installation with tailored dimensions to maximise storage capabilities.

Durable thermo-set powder coat finishes are used for all components, which are thicker and more scratch resistant than baked enamel. A wide range of standard contemporary colours allow Commercial Shelving to be integrated into most office environments. An extensive range of filing accessories, compatible with Brownbuilt Cupboards and Office Maxtor Storage Systems, facilitates individual office storage solutions.



## COMMERCIAL SHELVING SPECIFICATIONS

STANDARD COMPONENTS	HEIGHT	WIDTH		DEPTH	
<b>Commercial Shelving</b>		<b>900</b>	<b>1200</b>	<b>300</b>	<b>400</b>
Commercial Uprights	1875			✓	✓
	2175			✓	✓
Commercial Upright Cover Panels	1875			✓	✓
	2175			✓	✓
Commercial Back Panels	1875	✓	✓		
	2175	✓	✓		
Commercial Kickplates	50	✓	✓		
Commercial Shelves	30	✓	✓	✓	✓

900mm wide Commercial Shelf Load Capacity 110kg (UDL)  
(UDL) Uniformly Distributed Load

1200mm wide Commercial shelf load capacity 75kg (UDL)

**NOTE: Contact your nearest Brownbuilt office for information regarding customised Commercial shelving configurations.**

# UNICHANNEL® SHELVING

With over 70 years experience in shelving, it is not surprising that Brownbuilt has developed Australia's most comprehensive range of versatile shelving systems. As the market leader in shelving, Brownbuilt can offer the most flexible system to suit any application. Unichannel shelving has been designed to maximise cubic warehouse storage space and accommodate loads of varying shapes and sizes, from small parts boxes to bulk storage.

## BROWNBUILT SELECT

On-going development of Unichannel shelving has resulted in the "Brownbuilt Select System" with an unmatched range of standard and customised shelving components to suit differing storage demands. Australia's most comprehensive bulk storage shelving system can be tailored to suit specific applications with unmatched dimensional flexibility, including:

- Light and Medium Duty Bulk Storage
- Two Tier Raised Storage Areas
- Wide Span Shelving
- High Rise Shelving
- Maxtor® Mobile Storage



## HIGH RISE SHELVING

Strict engineering guidelines and design tolerances ensure that Unichannel shelving meets the demands of narrow aisle and automated stock picking systems. Ideal for high density storage.

## MAXTOR MOBILE STORAGE

Unichannel shelving has been designed to suit both static and mobile storage requirements. Unichannel can be configured to suit Brownbuilt Maxtor Systems, for medium to heavy duty mobile storage applications and to maximise warehouse floor space.



## LIGHT/MEDIUM DUTY BULK STORAGE

The most frequent application for Unichannel shelving. Ideal for supermarkets, cool rooms, outdoor areas and general retail storage where heavy loads are stored.



## RAISED STORAGE AREAS

Unichannel shelving can be used to create double-deck or free-standing raised storage areas with stair access to utilise ceiling height space. Double-deck Unichannel can be constructed over existing shelving and is ideal for storage of small to medium sized products.



## WIDE SPAN SHELVING

Unichannel can be configured with solid or open frames, beams or wide-span shelves. Unichannel can also be combined with Light and Medium Duty shelves for greater versatility. Shelves are independently adjustable in adjacent bays to maximise bay storage. Ideal for heavy-duty, bulky loads

# UNICHANNEL DESIGN VERSATILITY

The Brownbuilt Unichannel upright design can accommodate multiple shelf support systems within the same unit, to allow storage of a wide range of different size products in the same storage area. A high load capacity means that Unichannel shelving is the perfect solution for heavy duty, high density storage. The "Brownbuilt Select System" offers unmatched design flexibility to maximise storage capabilities and tailored individual storage solutions.



## HEAVY DUTY UPRIGHT

- Constructed from 1.6mm thick high tensile steel
- Roll formed, lipped channel design
- Available in continuous lengths or spliced combinations.



## BOLTED SUPPORT

- Light and Medium Duty shelves can be bolted through the shelf side flange to the upright
- Shelf spacing is adjustable in 25mm nominal increments
- Most effective method of securing shelves against accidental dislodgment



## LIGHT DUTY CLIP

- Magiclip used for Light Duty shelves
- Simple to insert within the shelf return
- Does not obstruct shelf contents
- Shelf spacing is adjustable in 25mm nominal increments



## BEAM BRACKET

- Stepped beam design to provide for board insert panels as an alternative wide span storage method
- Notched beam bracket design to allow beams to be set at the same level in adjacent bays
- Safety clips fitted to each light duty beam to prevent accidental dislodgment



## FULL DEPTH SHELF SUPPORT

- Used with bolted multiple in-fill shelves for wide span, heavy duty storage applications
- Twin studs lock into front and rear uprights and can be used as an alternative to front/back bracing in multiple shelf applications
- Safety clips prevent accidental dislodgment
- Shelves can be secured to supports front and rear by bolt fixing or drive-in fastener assembly



## UNICHANNEL CLIP

- Used for Medium duty shelves
- Two-prong anti-swivel clip prevents shelf roll under load
- Shelf spacing is adjustable in 50mm nominal increments

# UNICHANNEL BENEFITS



Open-braced Static Unichannel Shelving

Unichannel can be adapted for individual storage applications ranging from open structures to fully enclosed storage units using a wide range of accessories for added flexibility.

Unichannel's storage flexibility results from unique frame and shelf systems, which facilitate assembly, adjustment and relocation for changing storage needs. Unichannel can be assembled in a variety of configurations with either bolted or welded frame structures.

Unichannel frames are comprised of uprights manufactured from cold-rolled, high tensile steel with a slimline lipped channel profile that has a number of significant benefits for storage:

- Resistance to twisting
- Reduction in overall stack length
- More efficient use of available floor space
- Ability to accommodate multiple shelf support systems within the same unit
- High load capacity to maximise storage capability
- Durable powder coated finish in a choice of colours (Wild Oats and Silver Grey)

# UNICHANNEL SPECIFICATIONS

STANDARD COMPONENTS	HEIGHT	WIDTH						DEPTH										
		750	900	1200	1800	2100	2600	200	300	350	400	450	500	600	750	900	1050	1200
Sides	2250										✓	✓	✓	✓				
	2400										✓	✓	✓	✓	✓			
Frames (inc. column heights)	1800													✓		✓	✓	
	2250													✓		✓	✓	
	2400													✓		✓	✓	
	2700													✓		✓	✓	
	3000													✓		✓	✓	
Backs	2250	✓	✓															
	2400	✓	✓															
Back Cross Braces		✓	✓	✓	✓													
Diagonal Braces														✓	✓	✓	✓	✓
Horizontal Braces														✓	✓	✓	✓	✓
Side Cross Braces									✓		✓	✓	✓	✓	✓	✓		
Light Duty Shelves 110kg (UDL)	30	✓	✓	✓					✓	✓	✓	✓	✓	✓				
Medium Duty Shelves 230kg (UDL)	30	✓	✓	✓					✓	✓	✓	✓	✓	✓				
Wide Span Shelf 200kg (UDL)	45		✓	✓	✓			✓	✓		✓*		✓*	✓*		✓*		
Beam (UCB 121)			✓	✓	✓	✓	✓											

(UDL) Uniformly Distributed Load

\* Available as combinations of 200mm and 300mm deep Wide Span Shelves

NOTE: Unichannel bolted frames manufactured in standard 600mm/900mm/1050mm depths. Contact your nearest Brownbuilt Office for information regarding non-standard Columns, Backs, Bracing, Shelves and Beams, available on application through the Brownbuilt Select System.

## ACCESSORIES

Brownbuilt recognises that shelving flexibility requires an extensive range of accessories to maximise available storage space and to make materials handling easier. Brownbuilt offers a wide range of accessories to suit RUT and Unichannel shelving systems to enable the design of storage solutions to suit individual requirements.



### DOORS AND FRAMES

- Lockable doors for added security
- Convert open bay shelving to secure enclosed storage
- 3-point locking system



### CROSS BRACING

- Enhanced stock visibility/air circulation
- Used with or without weldmesh backs instead of sheet metal back panels
- Unichannel shelving available with side bracing



### BIN FRONTS

- Contain and protect materials
- 50mm high to suit 750mm and 900mm wide shelves
- (1200mm wide available on application)



### LABEL HOLDERS

- Assists with stock identification
- Suits 750mm & 900mm wide shelves (1200mm wide available on application)



### METAL DIVIDER PLATES

- Enhance stock organisation
- Available in a wide variety of heights and depths



### METAL PARTS BOXES

- Provides small components storage
- Supplied with label identifier and can be fitted with internal dividers



### PLASTIC STORAGE BOXES

- Painted freestanding or wall-mounted metal louvre panels
- Durable polypropylene storage boxes
- Available in 4 colours and 5 sizes

## QUALITY AND SUPPORT

All Brownbuilt products are supported by a quality system based on Australian Standard AS/NZ ISO 9002:1994. When you deal with Brownbuilt not only do you benefit from our extensive design and consultancy resources gained from over 70 years of experience, but you are also supported by a comprehensive national installation and service network.

## BROWN BUILT SELECT

Brownbuilt storage consultants and engineers can design and manufacture an individual shelving installation with customised or purpose-built accessories to maximise your storage capabilities.

For more information call  
**1800 112 474**

or visit our web site  
[www.brownbuilt.com.au](http://www.brownbuilt.com.au)

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**5 YEAR WARRANTY**