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Storage & Workplace Equipment

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## **METABOLT**

ADJUSTABLE STEEL SHELVING

*Adjustable Steel  
Shelving System*

## **METACLIP**

ROLLED EDGE ADJUSTABLE SHELVING

*Rolled Edge Shelving*

# Adjustable Steel Shelving



**THERE IS NO  
SPACE TOO BIG  
TOO SMALL  
OR TOO  
AWKWARD!**

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# Adjustable Steel Shelving System

**M**ETABOLT adjustable shelving, based on the original BS826:1955 specification has remained one of the most popular shelving systems since it's conception. The benefits of a robust construction and adaptability combine together in a flexible system created to address the needs of industrial and commercial storage. Simple runs of Metabolt can be easily extended and enhanced with a wide range of accessories. Complex single and multi-tiered installations can be designed to maximise the available space of even the most awkward shaped buildings, whilst Metabolt on mobile bases offers maximum space utilisation and selectivity.



*Metabolt storing boxed items in a distribution warehouse.*

Metabolt can be constructed as a two-tier system with walkways supported by the shelving.

Making the maximum use of the available headroom is both cost effective and efficient. A two-tier option provides a high-density storage facility with the added benefit of unrestricted picking faces.

Typically, the walkways would be either expanded steel or a wood derivative with steel stairs to access the second level. Lighting would be suspended below the floor to illuminate the lower level and smoke/fire detectors would also be fitted.



*Two-tier shelving with a gantry walkway for access to the upper level.*



*Closed type shelving in an engineering stores.*

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# Adjustable Steel Shelving System

A range of accessories converts a simple bay of Metabolt into a shelving system.

Dividers, bin fronts, doors and shelf trays can be included when the system is initially built or retrofitted as the need arises.

Metabin containers can also be used with the added benefit of colour identification and product classification.

In addition to the static examples shown here, Metabolt can be mounted onto mobile bases to provide a saving in floor space or alternatively an increase in storage capacity.



*Accessories:  
dividers and  
bin fronts.*



*High bay shelving in the automotive industry.*



*Single tier Metabolt shelving storing components and fixings.*

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## 1 Angle Posts

- 14 swg. cold rolled steel posts or 12 swg. for multi-tier systems.
- Pitch adjustment on 1" (25mm) centres.

Heights	
in. (mm)	in. (mm)
39 (990)	87 (2210)
51 (1295)	99 (2515)
63 (1600)	111 (2820)
75 (1905)	123 (3125)

## 2 Shelves

- Pierced at 1 1/2" (38mm) centres to accept dividers.
- 20swg. or 18swg. options.
- Easily reinforced for heavy loads.

Width		Depth	
in. (mm)	in. (mm)	in. (mm)	in. (mm)
24 (610)	12 (305)	30 (760)	15 (380)
36 (915)	18 (460)	36 (915)	18 (460)
39 (990)	24 (610)	42 (1065)	30 (760)
48 (1220)	36 (915)		

## 3 Side & Back Sheets

- For closed type shelving and binning.
- Available for all bay sizes.

Height	Width	Depth
To suit all bay sizes		

## 4 Dividers

- To sub-divide shelf compartments.
- Rolled front edge for safety.
- Clip fixing for speed of assembly and ease of adjustment.

Height		Depth	
in. (mm)	in. (mm)	in. (mm)	in. (mm)
6 (150)	12 (305)	8 (200)	15 (380)
10 (255)	18 (460)	12 (305)	24 (610)
18 (460)	24 (610)		

## 5 Bin front

- To prevent small items from falling off the shelf.
- Can be multi-stacked.

Height		Width	
in. (mm)			
2 (50)		To suit shelf width	
3 (75)			
4 (100)			

## 6 Shelf Trays

- Suitable for 36" (900mm) wide shelves only.
- Can be sub-divided.
- Safety lip to prevent accidental removal from the shelf.

Height		Width		Depth	
in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
4 (100)	6 (150)	12 (305)	4 (100)	6 (150)	18 (460)
6 (150)	6 (150)	12 (305)	4 (100)	6 (150)	18 (460)
4 (100)	6 (150)	18 (460)	6 (150)	6 (150)	18 (460)

## 7 Braces

- To add rigidity and stability to open type shelving.

*NOTE: Back and side braces are not inter-changeable.*

*NOTE All dimensions are nominal.*

Side Braces		Back Braces	
in. (mm)	in. (mm)	in. (mm)	in. (mm)
12 (305)	24 (610)	15 (380)	30 (760)
18 (460)	36 (915)	24 (610)	39 (990)
30 (760)	42 (1065)	36 (915)	48 (1220)

## Base Plates

- To fill the gap below the bottom shelf.
- Prevents the accumulation of debris under the bottom shelf.
- Available to suit all shelf widths.

## Label Holders

- Spans full shelf width.
- Available to suit all shelf widths.

## Shelf Clips

- Shelves can be supported on adjustable clips facilitating easy relocation when stock levels fluctuate or the size of items change.

## Doors

- Lockable for the secure storage of valuable items.
- Three point locking system.
- Can be added to existing bays.

## Shelf Loading

Shelf size	20	18
	swg.	swg.
24"x12"	136	-
24"x15"-24"	136	225
30"x12"	136	-
30"x15"-30"	136	225
36"x12"	136	-
36"x15"-36"	136	225
39"x12"	136	-
39"x15"-36"	136	225
42"x12"	110	-
42"x15"x36"	110	155
48"x12"	90	-
48"x15"-36"	90	135

- All loads are quoted in Kgs and as Uniformly Distributed Loads (U.D.L.) for shelves with an eight bolt fixing.

- Loadings are calculated in accordance with S.E.M.A. Code of Practice and with a safety factor of 1.8:1.

- Higher loads can be achieved with reinforced shelves. Please contact our office for details.



Metabolt conforms generally to BS826:1955

# Adjustable Steel Shelving System

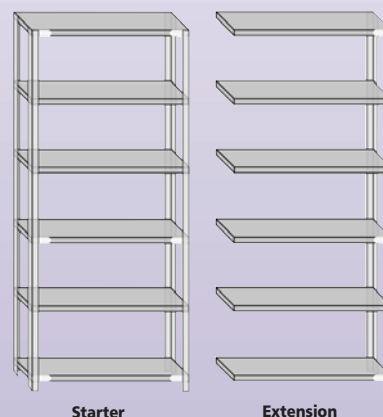


Individual bays can be extended simply by adding extra bays when they are required.

Shelves are adjustable on 25mm centres.

Unobtrusive corner plates must be fitted to the top, bottom and one intermediate shelf to ensure a strong and rigid construction.

Bay Capacity: 910kg. with shelves evenly spaced.  
 Shelf Capacity: 110kg. (uniformly distributed load).  
 Finish: Posts and Shelves are Epoxy Powder Coated Grey.



# metapax

## Product features

1. Four popular sizes of shelving pack options: can be used individually or in multiples.
2. Easy to assemble : no specialist tools or knowledge required.
3. Versatile : suits a multitude of applications.
4. 1" (25mm) shelf pitch : shelves positioned to suit the need.
5. Unobtrusive gusset plates : ensures strength and rigidity without restricting access.

## Technical specification

- 14swg cold rolled angle uprights.
- Shelves are pressed from 20swg steel sheet.
- Shelf capacity 136 kgs uniformly distributed load.
- Bay capacity 910 kgs per bay.
- Finish : Posts are epoxy powder coated blue BS 4800 18-E-53  
Shelves are stove enamelled grey BS381 C 694
- Pack includes assembly instructions and all fixings.
- Manufactured generally to BS826:1955.

TYPE	BAY SIZE	EACH SHRINK-WRAPPED METAPAX COMPRISES :-
MPX1F	75" X 36" X 12"	4 ANGLE POSTS
MPX2F	75" X 36" X 18"	6 SHELVES
MPX3F	75" X 36" X 12"	24 CORNER PLATES
MPX4F	75" X 36" X 18"	ALL NECESSARY NUTS AND BOLTS
		ALL UNITS COME WITH ASSEMBLY INSTRUCTIONS



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# Rolled edge shelving & Bin Units

**M**ETACLIP Rolled Edge Shelving has remained one of the most popular systems for the storage of Medical Records, Archival Documents and Museum Artifacts.

Lateral files can be suspended from adjustable cradles and folders can be separated with full height dividers.

Metaclip performs equally well in Light Industrial areas storing hand loaded products effectively and economically. For high density requirements Metaclip can be mounted onto mobile bases which maximises storage capacity without sacrificing accessibility.

The 'Rolled' front edge to the upright frames not only ensures safety in operation but also presents a neat appearance which adds to the functional environment that we expect from today's Record Management Departments.



*Static, single tier shelving storing Medical Records.*

Doctor's surgeries, health centres, hospitals as well as commercial and museum archives can all benefit from the flexible and cost-effect solutions provided by choosing Metaclip shelving.

*Metaclip on mobile bases in a busy hospital X-ray department.*

*This installation incorporates extra wide aisles to allow more than one person to pick using the same aisle. A planned compromise between density of storage and ease of access.*



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# Rolled edge shelving & Bin Units



*Rolled edge bin unit with 4 x 2 compartments*



*Rolled edge bin unit with 6 x 2 compartments*



*Rolled edge bin unit with 8 x 2 compartments*



*Rolled edge bin unit with 6 x 3 compartments*



*Rolled edge bin unit with 12 x 3 compartments*



*Rolled edge bin unit with 8 x 3 compartments*



*Rolled edge bin unit with 8 x 4 compartments*



*Rolled edge bin unit with 12 x 6 compartments*

# METACLIP

ROLLED EDGE ADJUSTABLE SHELVING



Metabin polypropylene containers used in conjunction with Metaclip shelving offer an inexpensive and flexible small parts storage system, with the added benefit of colour identification and product classification.

## Features

- FLEXIBILITY - shelves adjustable on a 1" (25mm) pitch.
- DIVIDERS - to sub-divide shelves.
- ROLLED EDGE FRONT - neat appearance, no sharp edges.
- SHELF ADJUSTMENT - shelves easily repositioned with clips.
- ACCESSORIES - to suit your requirements.
- EXPANSION - extension bays when you need to expand.

## Load Capacity

- 100 Kgs Uniformly Distributed Load on bolted shelves.
- 68 Kgs U.D.L. on clipped shelves.
- 454 Kgs in a bay.

## Preferred Sizes

Height	Width	Depth
in. (mm)	in. (mm)	in. (mm)
63 (1600)	24 (610)	12 (305)
75 (1905)	30 (760)	15 (380)
87 (2210)	36 (915)	18 (460)
99 (2515)	39 (990)	24 (610)
	42 (1065)	
	48 (1220)	

All dimensions are nominal

## Ideal Applications

- Medical Records.
- X-Ray File Storage.
- Archival Documents.
- Museum Artifacts.
- Stationery Stores.
- Libraries.
- Schools.
- Light Industrial.

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