



Datasheet

# Multi Purpose Storage System

ENGLISH

**RS Stock Nos:** 3897582, 3897554, 3897526, 3897598, 521409, 521403, 521415, 5214



Use our simple, tap together components to create a general purpose Shelving and Workbenches. Components are quickly and easily assembled requiring only a rubber mallet.

The RS Multi-Purpose Storage system is easy to assemble, strong and durable providing a fast and economical solution to every day storage needs. The smooth painted steel beams and uprights support 18mm thick FSC certified sustainable chipboard. Components can be used to make shelving, workbenches and workstations (full details below). No additional bracings are required for the shelving providing easy access to both sides of the bay.

## SEMA

Loading capacities are calculated in accordance with the relevant S.E.M.A Code of Practice for the design of structures. Products offer safe design, durability, strength and reliability, whatever the application.





Datasheet

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## Multi Purpose Storage System

**RS Stock Nos:** 3897582, 3897554, 3897526, 3897598, 521409, 521403, 521415, 521419, 3897548, 3897532, 3897560

### How to Create a Multi-Purpose Widespan Bay

#### Heavy Duty Blue Corner Uprights

50 x 50 x 2mm thick angle upright sections pierced on a 38mm pitch for shelving adjustability.

#### Light Grey Channel Beams

75mm high x 25mm steel channel section to carry 18mm thick chipboard on top  
18mm Chipboard supplied in 2 x 1200W pieces per level for ease of handling  
UDSWL (uniformly distributed safe working load per level) Kg 300Kg  
Maximum bay load 3000Kg  
Overall bay dimensions are 1980H x 2444W x 920D

#### Use the following article numbers to construct this bay

Article number 3897598 which consists of:

- 4 x Blue Corner Uprights
- 4 x Footplates and fixings

Article number 3897526 which consists of:

- 2 x 2400W beams
- 2 x 900W beams
- 2 x Beam Wire Ties
- (Makes 1 beam level - chipboard still required)

Article number 3897554 which consists of:

- 2 x 1200W x 900D pieces of chipboard (one beam level)

To make a bay 2400W x 900D with 3 shelf levels (like the image on this page), you will need:

- 1 x 3897598
- 3 x 3897526
- 3 x 3897554



Need to join 2 bays together? Use 4 x bay links per join.

1 x Pack of 4

Product Code

3897582





Datasheet

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## Multi Purpose Storage System

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### To Create a RS Multi Purpose Shelving Bay

#### Standard Duty Blue Corner Uprights

40 x 40 x 1.5mm thick angle upright sections pierced on a 38mm pitch for shelving adjustability.

#### Light Grey J Beams

19mm high x 19mm steel channel section to carry 18mm thick chipboard on top  
18mm Chipboard supplied in 2 x 1200W pieces per level for ease of handling  
450D bays = UDSWL (uniformly distributed safe working load per level) Kg 320Kg  
Overall bay dimensions 1980H x 923W x 466D  
600D bays = UDSWL (uniformly distributed safe working load per level) Kg 180Kg  
Overall bay dimensions 1980H x 923W x 619D  
Maximum bay load 2000Kg



Need to join 2 bays together? Use 4 x bay links per join.

1 x Pack of 4

**Product Code**  
3897582

### Use the following article numbers to construct this bay

Article number 3897560 which consists of:

- 4 x Blue Corner Uprights
- 4 x Footplates and fixings

Article number 3897548 which consists of:

- 2 x 900W beams
- 2 x 450W beams
- 1 x piece of chipboard

Article number 3897532 which consists of:

- 2 x 900W beams
- 2 x 600W beams
- 1 x piece of chipboard

To make a bay 1980H x 900W x 450D with 5 shelf levels you will need:

- 1 x 3897560
- 5 x 3897548

To make a bay 1980H x 900W x 600D with 5 shelf levels you will need:

- 1 x 3897560
- 5 x 3897532





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## Multi Purpose Storage System

**RS Stock Nos:** 3897582, 3897554, 3897526, 3897598, 521409, 521403, 521415, 521419, 3897548, 3897532, 3897560

### To Create a RS Multi Purpose Workbench

#### Heavy Duty Blue Corner Uprights

50 x 50 x 2mm thick angle upright sections pierced on a 38mm pitch for shelving adjustability.

#### Light Grey Channel Beams

75mm high x 25mm steel channel section to carry 18mm thick chipboard on top

18mm Chipboard supplied in 2 x 1200W pieces per level for ease of handling

Overall dimensions 920H x 2444W x 920D

UDSWL (uniformly distributed safe working load per level) Kg 300Kg

#### Use the following article numbers to construct this bay

**Article number 4094554 which consists of:**

4 x Red Corner Uprights

4 x Footplates and fixings

**Article number 3897526 which consists of:**

2 x 2400W beams

2 x 900W beams

2 x Beam Wire Ties

(Makes 1 beam level - chipboard still required)

**Article number 3897554 which consists of:**

2 x 1200W x 900D pieces of chipboard (one beam level)

**To make a bench like the image below**

**920H x 2400W x 900D you will need:**

1 x 4094554

2 x 3897526

2 x 3897554





Datasheet

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## Multi Purpose Storage System

**RS Stock Nos:** 3897582, 3897554, 3897526, 3897598, 521409, 521403, 521415, 521419, 3897548, 3897532, 3897560

### To Create a RS Multi Purpose Workstation

UDSWL (uniformly distributed safe working load per level) Kg 150Kg  
18mm Chipboard supplied in 2 x 1200W pieces per level for ease of handling  
Overall dimensions 1980H x 2444W x 920D

#### Use the following article numbers to construct this bay

**Article number 4094560 which consists of:**

- 2 x Red Uprights 1980H (for the back)
- 2 x Red Uprights 915H (for the front)
- 2 x Red light duty Uprights 890H (sit on upper worktop)
- 2 x Black plastic caps
- 4 x Footplates and fixings

**Article number 3897526 which consists of:**

- 2 x 2400W beams
  - 2 x 900W beams
  - 2 x Beam Wire Ties
- (Makes 1 beam level - chipboard still required)

**Article number 3897554 which consists of:**

- 2 x 1200W x 900D pieces of chipboard (one beam level)

**Article number 4094582 which consists of:**

- 2 x 2400W beams
  - 2 x 380W beams
- (Makes 1 upper beam level - chipboard still required)

**Article number 4094598 which consists of:**

- 2 x 1200W x 380D pieces of chipboard (one beam level)

**To make a workstation as per the image**

**1980H x 380/900D x 2400W you will need:**

- 1 x 4094560
- 2 x 3897526
- 2 x 3897554
- 2 x 4094582
- 2 x 4094598



Datasheet

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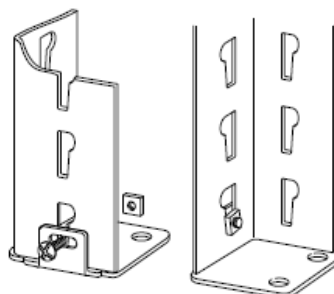
# Multi Purpose Storage System

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## Assembly information:

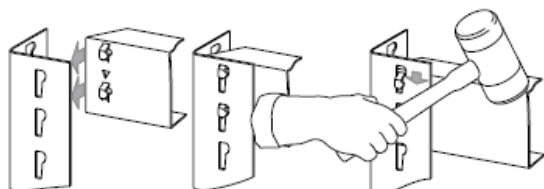
### Make the sides/ side frames first:

Put the uprights the right way up – the punch pattern should look like two letter ‘P’s facing each other.

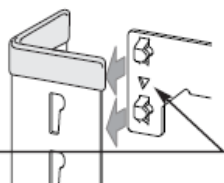


### Locating the beams:

To locate beams; Clip lugs at the ends of the beam into the ‘P’ slots in the upright. Press down, then tap into place ensuring lugs are fully located to the base of the slots.

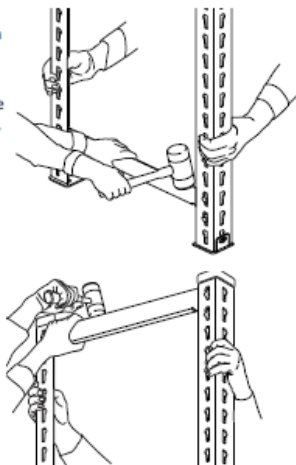


Note: Downward pointing triangular slot indicates direction for correct location



Locate base short beam, for the lowest shelf position, within 200mm of the floor (if exceeded, floor fixing is required).

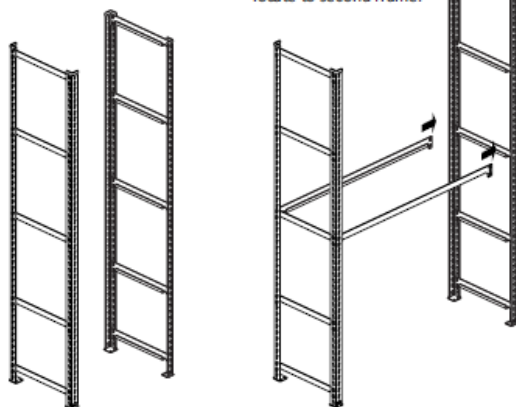
Locate remaining short beams at the intermediate shelf positions require, with maximum vertical spacing (pitch) of 750mm between beams.



Locate top short beam, position at highest shelf position required.

Assemble second side frame, with matching shelf/side beam positions.

Locate mid-shelf beams to first side frame, then locate to second frame.



Fit the chipboard shelves to complete the bay.

CAUTION: Take care to avoid finger traps when locating shelves.

