



Datasheet

ENGLISH

RS Pro Multi Purpose Storage System

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 18 mm 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.



Finish

All painted components are protected with BioCote. BioCote is a new, patent protected powder coating which inhibits the growth of potentially lethal bacteria and fungi. This reduces the risk of cross-contamination from surfaces with high contact frequency.

Although this is no substitute for correct cleaning practices, the incorporation of BioCote into the manufacturing process provides users of our products with the peace of mind that every effort is being made to maintain a hygienic working environment.

Note: chipboard is not Biocote.

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.



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RS Pro Multi Purpose Storage System

To Create a RS Multi Purpose Widespan Bay

Heavy Duty Blue Corner Uprights

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

Light Grey Channel Beams

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

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

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

Maximum bay load 3000 kg

Overall bay dimensions are 1980H x 2444W x 920D

Minimum of 3 shelf levels required for stability



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

1 x Pack of 4

Product Code
389-7582

Use the following article numbers to construct this bay

Article number 389-7598 which consists of:

4 x Blue Corner Uprights

4 x Footplates and fixings

Article number 389-7526 which consists of:

2 x 2400W beams

2 x 900D beams

2 x Beam Wire Ties

(Makes 1 beam level - chipboard still required)

Article number 389-7554 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 389-7598

3 x 389-7526

3 x 389-7554





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RS Pro Multi Purpose Storage System

To Create a RS Multi Purpose Shelving Bay

Heavy Duty Blue Corner Uprights

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

Light Grey J Beams

19 mm high x 19 mm steel channel section to carry 18 mm thick chipboard on top

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

450D bays = UDSWL (uniformly distributed safe working load per level) 320 kg

Overall bay dimensions 1980H x 923W x 466D

600D bays = UDSWL (uniformly distributed safe working load per level) 180 kg

Overall bay dimensions 1980H x 923W x 619D

Maximum bay load 2000 kg

Minimum of 3 shelf levels required for stability

Use the following article numbers to construct this bay

Article number 389-7560 which consists of:

4 x Blue Corner Uprights

4 x Footplates and fixings

Article number 389-7548 which consists of:

2 x 900W beams

2 x 450D beams

1 x piece of chipboard

Article number 389-7532 which consists of:

2 x 900W beams

2 x 600D beams

1 x piece of chipboard

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

1 x 389-7560

5 x 389-7548

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

1 x 389-7560

5 x 389-7532



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

1 x Pack of 4

**Product Code
389-7582**





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RS Pro Multi Purpose Storage System

To Create a RS Multi Purpose Workbench

Heavy Duty Blue Corner Uprights

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

Light Grey Channel Beams

75 mm high x 25 mm steel channel section to carry 18 mm thick chipboard on top
18 mm 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) 300 kg

Both shelf levels required for stability

Chipboard for upper surface can be ordered if only working surface is needed

Use the following article numbers to construct this bay

Article number 409-4554 which consists of:

4 x Red Corner Uprights
4 x Footplates and fixings

Article number 389-7526 which consists of:

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

Article number 389-7554 which consists of:

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

To make a 920H x 2400W x 900D bench like in the image you will need:

1 x 409-4554
2 x 389-7526
2 x 389-7554



Need to join 2 bays together? Use 4 x bay links per join.
1 x Pack of 4
Product Code
389-7582





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RS Pro Multi Purpose Storage System

To Create a RS Multi Purpose Workstation

UDSWL (uniformly distributed safe working load per level) 150 kg
18 mm 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 409-4560 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
- All 4 levels required for stability
- Only order chipboard where it is needed

Article number 389-7526 which consists of:

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

Article number 389-7554 which consists of:

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

Article number 409-4582 which consists of:

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

Article number 409-4598 which consists of:

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

To make a 1980H x 380/900D x 2400W Workstation as per the image you will need:

- 1 x 409-4560
- 2 x 389-7526
- 2 x 389-7554
- 2 x 409-4582
- 2 x 409-4598



Need to join 2 bays together? Use 4 x bay links per join.
1 x Pack of 4
Product Code 389-7582



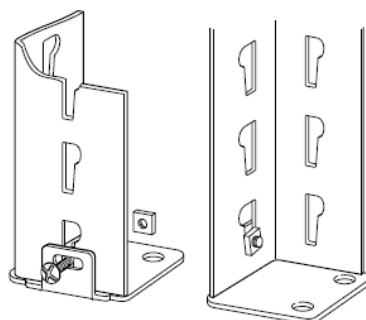


Assembly information:

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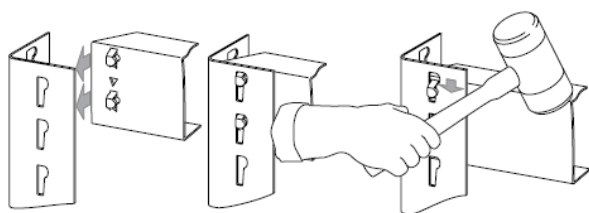
Make the sides/ side frames first:

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

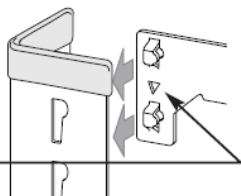


Locating the beams:

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.

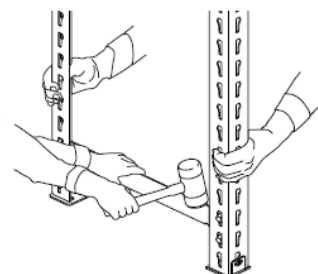


Note: Downward pointing triangular slot indicates direction for correct location

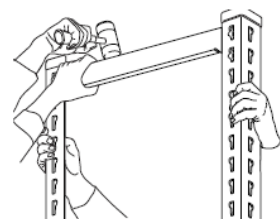


Locate base short beam, for the lowest shelf position, within 200mm of the floor (if exceeded, floor fixing is required).

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

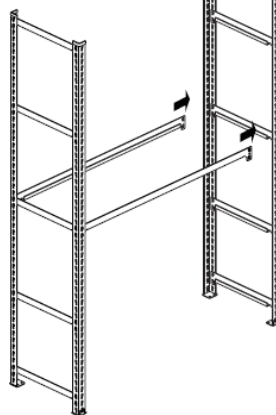
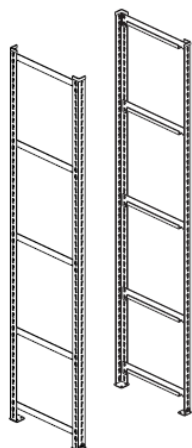


Locate top short beam, position at highest shelf position required.



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.

