Rapid 1 is the original boltless shelving, available to Rapid Racking customers since 1986. When you need to store heavy hand loaded items, Rapid 1 is the best product for the job due to the design of its thick steel components.

Strong, versatile shelving
The structure of Rapid 1 shelving is based on common components, which means the shelving can be fully adapted in terms of its size, weight loading and function. Whether you require an upgrade in shelf capacity, product specific storage such as tyres or archives, or a complete adaptation into workbenches and work stations, Rapid 1 is completely customisable to your requirements.

As a boltless product, assembly of Rapid 1 shelving is simple and requires only a mallet. For larger orders though, we recommend you use our installation service so you don’t have to worry about the assembly of your storage solution.

Tested to industry standards
From 290kg to 800kg per shelf (uniformly distributed load). This shelving range has been tested to an independent, industry recognised standard – FEM (European Federation of Materials Handling) to ensure our products are safe and durable for workplace use.

Any size to suit your needs
With a wide variety of sizes Rapid 1 is ideal for stockroom, factory and warehouse storage. You can find our extensive range of sizes on the next page or, with an affiliation to one of the world’s largest shelving and racking manufacturers, we are also able to supply non-standard sizes for very specific requirements.

The market’s fastest Design Service
➤ Free site visits within 24-48 hours  
➤ Free design quotations within 2 hours  
➤ Fast, expert installation

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Rapid 1 Size Guide

All sizes are shown in mm

Shelf heights

Keyhole slots along the uprights mean shelves can be adjusted up or down 38.1mm

Shelf widths

Shelf depths

Weight capacity can vary depending on the size and number of shelves selected. Please call for advice.

*The clear entry measurement is the space between the uprights (see above and left)

<table>
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<tr>
<th>Shelf width</th>
<th>Total bay</th>
<th>Clear entry</th>
</tr>
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<tbody>
<tr>
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<td>830</td>
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<table>
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</tr>
<tr>
<td>1220</td>
<td>1229</td>
<td>1135</td>
</tr>
</tbody>
</table>
Rapid 1 Components

Front to Back Beams
- 2mm thick steel beams
- Form the ‘end frames’ of the shelving bay
- Allow shelf panels to be supported on all 4 sides
- Shorter than the left to right beams

L Beams - Left to right
- 2mm thick steel beams
- Form the front and back profile of your shelving bay
- Use for ‘standard’ capacity shelving bays (915-1830mm wide)

C Beams - Left to right
- 2mm thick steel beams
- Form the front and back profile of your shelving bay
- Use for wide shelving bays (2134mm wide +)
- Use for bays that require a heavier load capacity (1830mm wide)

Chipboard shelf
Melamine shelf
Steel panel
Wire mesh
See all shelf materials overleaf

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Shelf tie supports
- Provides additional support to shelves
- Ties front and back beams together

Uprights
- 2mm thick steel posts
- Punched with keyhole slots that allow beam sections to interlock with the upright for a secure shelving structure
- Weight load can vary depending on the height and number of shelves per bay
- Call for safe loading advice

Tie plates
- Flat steel plates that join bays of shelves together securely
- Attach to the keyholes of the uprights

Plastic feet
- An economical solution to protect your flooring when there is no requirement to fix your shelving to the floor
- Spreads the load of the shelving on the uprights

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Tie plates
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Top caps
- Protect exposed metal at the top of your shelving uprights with plastic top caps

Wall fixings
- Provide extra stability to shelving positioned against walls
- Use when floor fixings are not possible

Double steel feet
- Use for adjoining shelving bays
- Secure two bays to the floor at the join of the uprights

Steel feet
- Use for bolting your shelving to the floor for extra stability
- Floor fixings are required when the shelving height is over 4 times greater than its depth

Shim plates
- Used for levelling shelving bays fitted with steel feet
- Stack the shims under the feet until upright posts are vertical
Customise your Shelving

Accessories

1. Retainer hoop
   Ideal for storage of awkward items such as ladders or tubes

2. Ticket holders
   Available with either a self adhesive or magnetic backing strip

3. Shelving lights
   Motion sensor activated lights for accurate picking in dull areas

4. Mesh cladding
   Secure goods while ensuring air and light penetration

5. Location markers
   10 sizes of pre-cut, write on, wipe off labels. Supplied in a pack of 100

6. Notice plate
   Store job papers, display load notices and mark aisles

7. Cantilever shelf
   End of aisle temporary storage for paperwork or goods to be put away

8. Floor graphic markers
   Slip resistant, hardwearing, self adhesive letters and numbers

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Shelf materials

- **Chipboard**
  - The most economical option
  - Shelf capacity: 420 - 800kg

- **Melamine**
  - Smooth, wipe clean finish
  - Shelf capacity: 420 - 800kg

- **Steel panels**
  - The most durable option for oily or damp environments
  - Shelf capacity: 290 - 550kg
  - for 455, 610 and 915 deep bays

- **Wire mesh**
  - Allows free flow air, ideal for areas protected by sprinkler systems
  - Shelf capacity: 350 - 450kg
  - for 610 deep bays

**Racking colours**

- Blue/Orange
- Blue/Grey
- Blue/Blue
- Grey/Grey

**Galvanized**

- Galvanized rack is the perfect option for cold stores and workshops

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**More Rapid 1 Products**

- **Packing stations**
- **Work benches**
- **Work stations**
- **Trolley shelving**

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**Heavy duty tyre racks**

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**Two Tier shelving**

Maximise the height of your building as well as the floor space with Rapid 1 Two Tier shelving. We recommend using our Design Service to help you plan and build your Two Tier shelving.