Product Overview

Rapidshor is a heavy duty galvanised modular steel shoring system with a robust design. Ease of assembly, low cost in use and an extensive range of accessories make it the premier choice in modular shoring.

Faster

- Modular design, minimised component count and integral connections ensure fast erection times.
- Easy and quick to erect, accommodating sloping ground and varying slab levels.
- Regular patterns of snap on braces reduce both erection and inspection costs and compress site programme time.

Safer

- Light but strong - 60.3mm dia high grade steel standards and 48.3mm diameter jacks increase the strength to weight ratio and allow greater jack extensions without bracing.

Easier

- Uniquely designed ledgers with locking wedge enables easy fixing onto leg cluster.
- Accommodating slopes - tilting head and bases - eliminate the need for the use of timber wedges to overcome sloping ground and elevated slabs.
- Low maintenance and long life - galvanised finish - eliminates corrosion, minimises maintenance and extends the lifetime of the system.
- High 80kN leg capacity allows larger grids to be achieved, minimising components - saving erection time and labour costs.
Applications
Rapidshor's modular bay sizes, wedge fixings and snap on braces make it highly cost effective for:

- Tall birdcage or tower assemblies
- Static slab support
- Culvert and tunnel falsework
- Mobile shoring tables
- Building slab applications
- Stair access
Features & Benefits

Modular system ensuring no loose parts or fittings for maximum cost efficiency and safety.

- **Cost reducing design**
  High capacity (80kN leg and 320kN four legged tower loads) dramatically reduces the number of components and associated erection and dismantling costs.

- **Tilting heads and bases**
  Mean that sloping slabs and ground levels are easily accommodated without the use of wedges, resulting in time and material savings and leading to lower costs.

- **Curved grids**
  Grids can easily be skewed for curved structures with 8 ledger connections at 45 degrees which means a reduced number of parts compared to a square grid arrangement.

- **Lightweight galvanised design**
  Rapidshor’s galvanised design minimises maintenance, eliminates corrosion and assures the integrity of the product for life.

- **48mm diameter jack with 500mm of adjustment**
  The stiffer Rapidshor jacks have far greater adjustment without bracing than most competitor systems leading to reductions in material, erection time and costs.

- **Quality assured manufacture in close tolerance jigs**
  Accuracy in fabrication leads to ease of assembly on site. Assured quality guarantees the strength of the material and its fabrication.
In Detail

Easy to use

80 kN leg loading
The Rapidshor support system has been designed to give a leg loading of 80kN. This has been achieved by using 60.3mm tube for standards, using high strength steel, with 48.3mm thick tube adjustable jacks. Parts are plated or galvanised for protection.

A range of standards
Two spigot standard lengths 1500mm and 2500mm, and five open-ended standard lengths 675mm, 1000mm, 1500mm, 2000mm and 2500mm.

Versatile
Each size of standard has lug cluster discs fully welded at 500mm increments along their length, symmetrically from each end. This means that the open-ended standards can be erected either way, speeding up erection times.

Tilting heads & bases
Tilts up to 30 degrees on the tilt axis, eliminating the need for timber wedges to overcome sloping ground and elevated slabs.

Adjustable jack
With an adjustable range of 25-540mm, the jack also has a domed end that enables concentric loading to degrees of slope in any direction.

Quick & easy standard braces
Braces have a forging at each end, which contains a shaped pin that clicks quickly into the spring latch on the Ledger ends, providing a significant time saving on site in comparison with traditional coupler fixings.
In Detail
Fast & Efficient

Rapidshor ledger
Four standard sizes of ledger available, 1200mm, 1500mm, 1800mm and 2400mm, with an additional three sizes that can be used in the system for more special applications such as vehicular access.

Rapidshor U-heads
Three U-heads are available: one is 182mm wide and another is 220mm wide, and the third is the tilt head which is also 182mm.

Stair tower
Modular Rapidshor stair units are used to provide access to one or more boarded levels within a Rapidshor structure. Available in both steel and aluminium.

Adjustable braces
Two sizes of adjustable braces are available, which can be fixed at variable lengths to accommodate all bay width and lift height variations. The shaped pin clicks quickly into ledgers for a secure connection.
## Components

### Rapidshor Standards

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>RSX11500</td>
<td>Rapidshor Standard 1500mm</td>
<td>8.3kg</td>
</tr>
<tr>
<td>RSX12500</td>
<td>Rapidshor Standard 2500mm</td>
<td>15.1kg</td>
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<tr>
<td>RSU40675</td>
<td>Standard OE 675mm</td>
<td>3.0kg</td>
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<td>RSX41000</td>
<td>Standard OE 1000mm</td>
<td>5.4kg</td>
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<td>RSX41500</td>
<td>Standard OE 1500mm</td>
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<tr>
<td>RSX42000</td>
<td>Standard OE 2000mm</td>
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<tr>
<td>RSX42500</td>
<td>Standard OE 2500mm</td>
<td>13.5kg</td>
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### Ledgers

- AWL - the Ledger acting in tension or compression = 20kN

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
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<tr>
<td>RSX20300</td>
<td>Rapidshor Ledger 300mm</td>
<td>2.2kg</td>
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<tr>
<td>RSX20600</td>
<td>Rapidshor Ledger 600mm</td>
<td>3.2kg</td>
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<tr>
<td>RSX20900</td>
<td>Rapidshor Ledger 900mm</td>
<td>4.3kg</td>
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<tr>
<td>RSX21200</td>
<td>Rapidshor Ledger 1200mm</td>
<td>5.4kg</td>
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<tr>
<td>RSX21500</td>
<td>Rapidshor Ledger 1500mm</td>
<td>6.4kg</td>
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<tr>
<td>RSX21800</td>
<td>Rapidshor Ledger 1800mm</td>
<td>7.5kg</td>
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<tr>
<td>RSX22400</td>
<td>Rapidshor Ledger 2400mm</td>
<td>9.6kg</td>
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<tr>
<td>RSX23000</td>
<td>Rapidshor Ledger 3000mm</td>
<td>11.8kg</td>
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### Sleeves & Clip

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<th>Code</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>RSX10005</td>
<td>Joint Sleeve 300mm</td>
<td>1.5kg</td>
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<tr>
<td>RSX10010</td>
<td>Base Sleeve 216mm</td>
<td>1.1kg</td>
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<tr>
<td>RSX10009</td>
<td>Rapidshor Sleeve Clip</td>
<td>0.1kg</td>
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### Adjustable Braces

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>RSX30003</td>
<td>Super Short Adjustable Jack Brace. Range: 840 - 1280mm</td>
<td>6.4kg</td>
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<tr>
<td>RSX30002</td>
<td>Short Adjustable Jack Brace. Range: 1085 - 1770mm</td>
<td>8.1kg</td>
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<tr>
<td>RSX30001</td>
<td>Long Adjustable Jack Brace. Range: 1530 - 2660mm</td>
<td>11.4kg</td>
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</table>
## Components

### Fixed Braces

*This Brace also fits a 900 x 1500mm bay.*

<table>
<thead>
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<th>Code</th>
<th>Description</th>
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<tr>
<td>RSX31009</td>
<td>Fixed Brace 1000 x 900mm (Self)</td>
<td>4.9kg</td>
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<tr>
<td>RSX31012</td>
<td>Fixed Brace 1000 x 1200mm (Purple)</td>
<td>5.4kg</td>
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<tr>
<td>RSX31015</td>
<td>Fixed Brace 1000 x 1500mm (Blue)</td>
<td>8.0kg</td>
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<tr>
<td>RSX31018</td>
<td>Fixed Brace 1000 x 1800 (Red)</td>
<td>8.0kg</td>
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<tr>
<td>RSX31024</td>
<td>Fixed Brace 1000 x 2400mm (White)</td>
<td>9.9kg</td>
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<tr>
<td>RSX31509</td>
<td>Fixed Brace 1500 x 900mm (Yellow)</td>
<td>6.1kg</td>
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<tr>
<td>RSX31512</td>
<td>Fixed Brace 1500 x 1200mm (Pink)</td>
<td>6.6kg</td>
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<td>RSX31515</td>
<td>Fixed Brace 1500 x 1500mm (Orange)</td>
<td>8.3kg</td>
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<tr>
<td>RSX31518</td>
<td>Fixed Brace 1500 x 1800mm (Green)</td>
<td>9.1kg</td>
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<tr>
<td>RSX31524</td>
<td>Fixed Brace 1500 x 2400mm (Brown)</td>
<td>12.9kg</td>
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<tr>
<td>RSX31530</td>
<td>Fixed Brace 1500 x 3000mm (Light Brown)</td>
<td>15.4kg</td>
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<tr>
<td>RSX32015</td>
<td>Fixed Brace 2000 x 1500mm (Yellow)</td>
<td>7.5kg</td>
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<tr>
<td>RSX32018</td>
<td>Fixed Brace 2000 x 1800mm (Black)</td>
<td>12.4kg</td>
</tr>
<tr>
<td>RSX32024</td>
<td>Fixed Brace 2000 x 2400mm (Bright Red)</td>
<td>14.2kg</td>
</tr>
<tr>
<td>RSX32030</td>
<td>Fixed Brace 2000 x 3000mm (Dark Brown)</td>
<td>16.3kg</td>
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### Adjustable Jack

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<tr>
<td>RSX10004</td>
<td>Rapidshor Jack. Range = 25 - 540mm</td>
<td>6.1kg</td>
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<tr>
<td>RSU10340</td>
<td>Rapidshor Short Jack 25-340mm</td>
<td>5.0kg</td>
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### Bases

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<th>Code</th>
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<tr>
<td>RSX10002</td>
<td>Rapidshor Base 165mm</td>
<td>3.1kg</td>
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<tr>
<td>RSX10006</td>
<td>Tilt Base 227mm</td>
<td>7.7kg</td>
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Components

Heads

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<tr>
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<th>Weight</th>
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<tbody>
<tr>
<td>RSX10003</td>
<td>Rapidshor Brace U-Head 182mm</td>
<td>6.7kg</td>
</tr>
<tr>
<td>RSX10007</td>
<td>Rapidshor Tilt Head 182mm wide</td>
<td>13.1kg</td>
</tr>
<tr>
<td>RSX10008</td>
<td>Rapidshor U Plate 8 thk x 182mm Wide</td>
<td>5.3kg</td>
</tr>
<tr>
<td>RSX10001</td>
<td>Rapidshor U Plate 8 thk x 220mm Wide</td>
<td>5.7kg</td>
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Board Bearers

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<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>ASX61200</td>
<td>Board Bearer 1200mm</td>
<td>5.7kg</td>
</tr>
<tr>
<td>ASX61800</td>
<td>Board Bearer 1800mm</td>
<td>7.9kg</td>
</tr>
<tr>
<td>ASX62400</td>
<td>Board Bearer 2400mm</td>
<td>10.2kg</td>
</tr>
<tr>
<td>ASX63000</td>
<td>Board Bearer 3000mm</td>
<td>15.2kg</td>
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</table>

Stair Access

SWL = 2.5kN/m²

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<th>Description</th>
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<tr>
<td>RSX70003</td>
<td>Stair Handrail</td>
<td>11.0kg</td>
</tr>
<tr>
<td>RSX70006</td>
<td>Stair Unit - Steel</td>
<td>70.0kg</td>
</tr>
<tr>
<td>BNX12007</td>
<td>M12x100 Set Pin gr8.8 BZP</td>
<td>0.01kg</td>
</tr>
<tr>
<td>BNU12001</td>
<td>M12 Nut gr8.8 BZP</td>
<td>0.01kg</td>
</tr>
<tr>
<td>BNU12002</td>
<td>M12 Round Washer</td>
<td>0.01kg</td>
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Services

Our service sets us apart...

With over 85 years of experience in the temporary works industry we understand the many and varied challenges that our customers face, whatever the size of your project. Whilst our product range provides us with the capability of supporting your project, it is our people that will make the difference.

Sales Support
Our sales team comprises a vast wealth of experience in the sector, helping us to understand your challenges and the opportunities to save you time and money.

Engineered Drawings
You will be provided with technical recommendations and layout drawings showing a level of detail sufficient to enable straightforward on-site erection. For specifically fabricated items comprehensive operating instructions will be provided.

Customer Service
We work with customers on all scale of projects and as such recognise that your requirements are all different. We provide a level of customer service to suit your requirements ranging from on site training to simple reordering of replacement parts.

Technical Expertise
Every project, large or small, requires unique system design. Our highly skilled team of engineers and technical experts will understand first your requirements, and provide a solution designed to exceed these. We do this through approaching projects with an open mind and a desire to provide the most appropriate solution.

Safety
RMD Kwikform prides itself on the inherent safety of our products and the solutions that we design. The construction industry’s greatest asset is its people and we design schemes and solutions with this in mind at all times.
Rapidshor A heavy duty galvanised modular steel shoring system

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