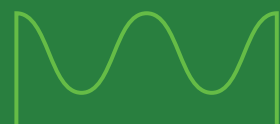
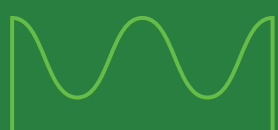


RailRoad Seating & Planters.

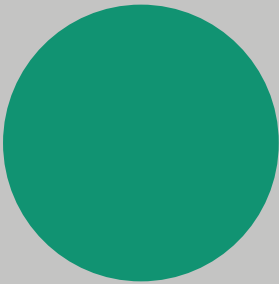




RailRoad Ranges.



RailRoad
**Integrated seating
and planters**



RailRoad
**Inline seating
and benches**

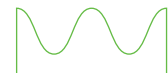
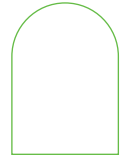


RailRoad
Lite



RailRoad
Tables

Integrated seating and planters.



Create bespoke schemes with standard, off-the-shelf, modules.

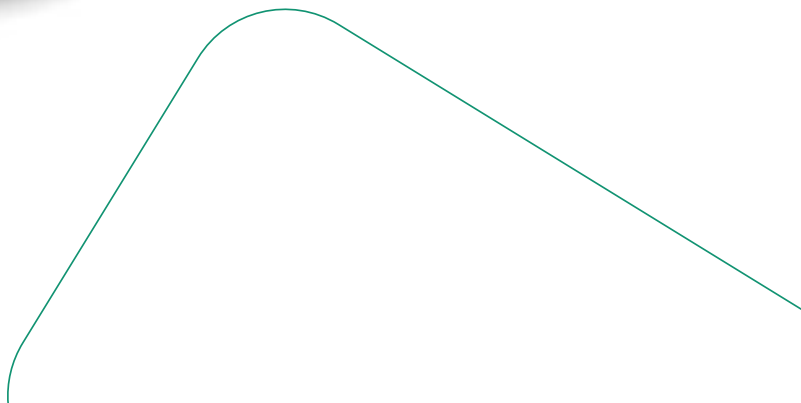
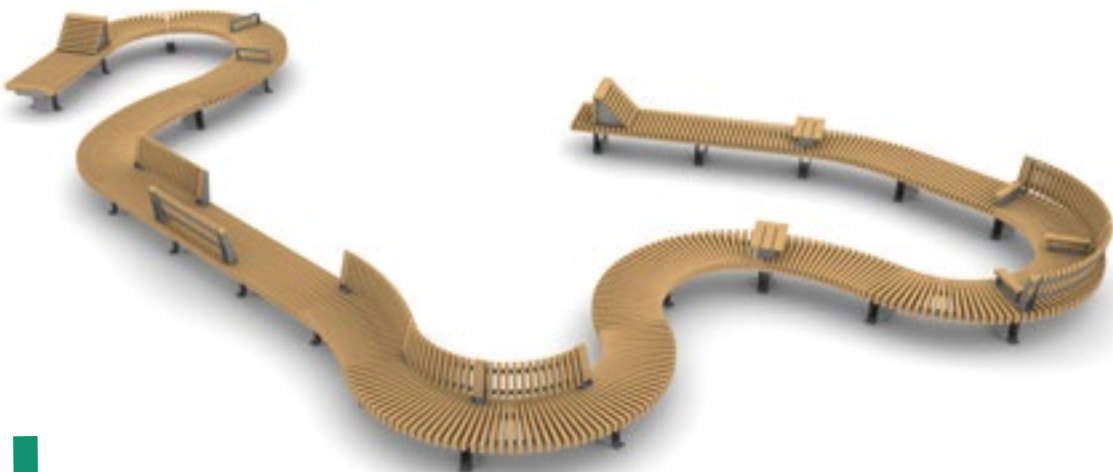
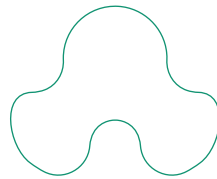
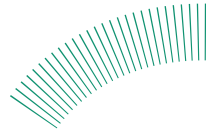
Imagined by our in-house design team, the modular RailRoad range is inspired by model train tracks and is based on a simple series of interchangeable standard - straight and curved - modules that can be assembled in any way to form continuous seating runs with integrated planters. Each module can be used independently or as part of a coordinated suite of products across a scheme.

This integral flexibility provides a vast range of seating configuration options - from straight-line seating, to circular layouts, geometric patterns and even flowing organic forms - all achievable with standardised modules.



Why RailRoad?

- High quality modern design and finishes
- Standardised modules, bespoke configurations
- Choice of 3 timber profile & seat support styles
- 3 standard radii for curved versions
- Timbers with UV protective finish available
- Powder coated steelwork to any RAL colour
- Surface mounting and in-ground installation option
- Backrests, armrests, tablets and chaise-longues as add-ons
- Integrated planters (with a choice of 4 lengths and 2 heights)



How does it work?

Design principles and built-in features

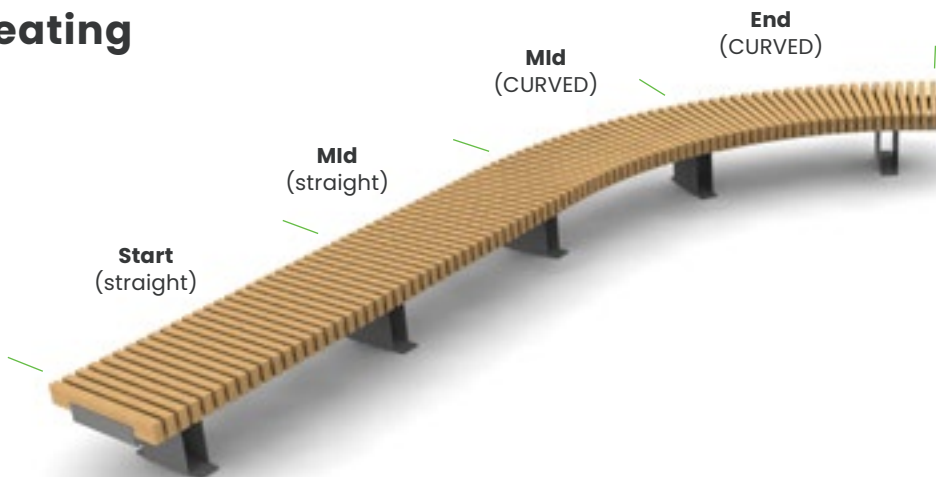
RailRoad is based on a simple series of inter-changeable straight and curved modules, which are designed to be joined to create seamless runs of continuous seating.

The design is based around a standard module that comfortably accommodates 2 people - start and

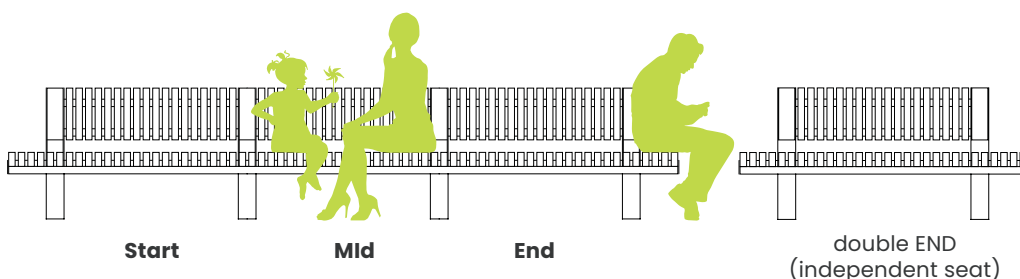
end units include a small extension at one end to offer an accent to the seating.

Just like train racks, straights and curves can be mixed to create interesting configurations. Double width seating and complementary planters are the latest additions to the range.

Seating



Planters



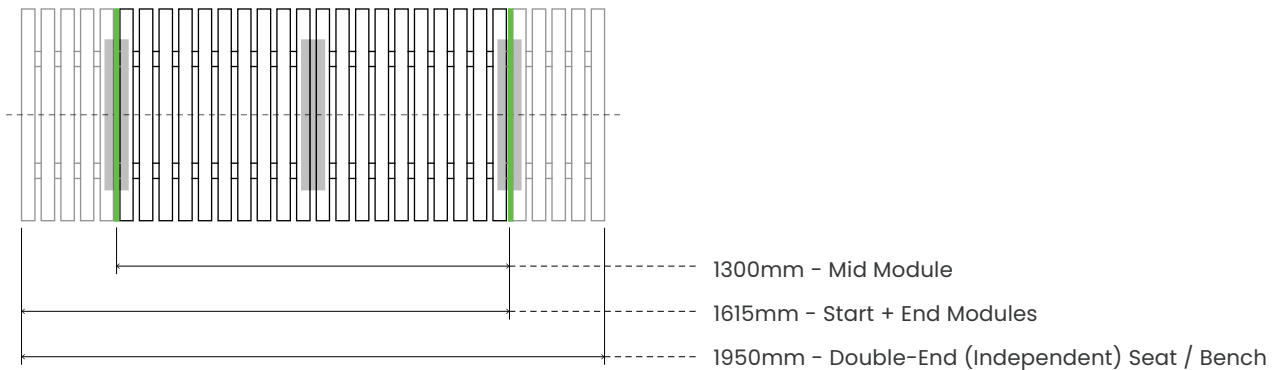
Seating.

Key:
(both diagrams)

Green lines indicate alignment of under-seat and backrest supports

Shaded boxes indicate standard armrest positions

Standard dimensions: Straight 2-person module

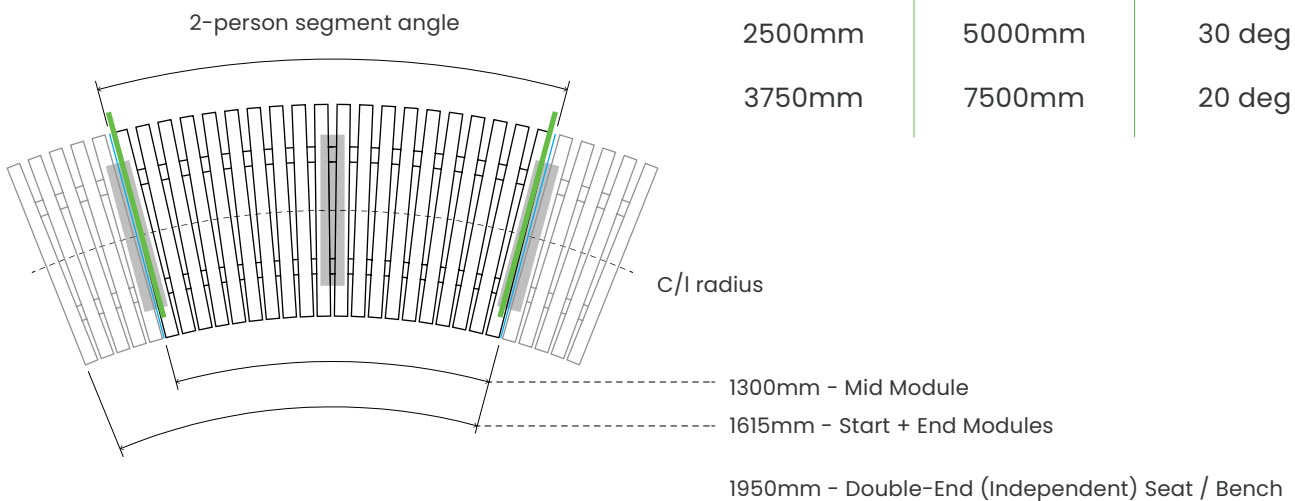


End modules have an extension with 5 additional timbers on one side and are reversible

Standard dimensions: Curved 2-person module

STANDARD RADIUS OPTIONS

CENTRE LINE RADIUS	CENTRE LINE DIAMETER	2-PERSON SEGMENT ANGLE
1250mm	2500mm	60 deg
2500mm	5000mm	30 deg
3750mm	7500mm	20 deg



Left hand end modules have an extension with 5 additional timbers on the left hand side

Right hand end modules have an extension with 5 additional timbers on the right hand side

Note: dimensions are arc lengths along centre lines and are common to all seat radii options (segment angles vary with radius)

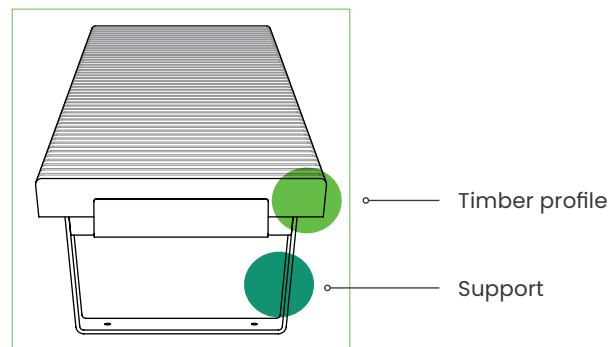
Supports and timber profile options.

There are 3 styles to choose from in the RailRoad range, Delta, Loop and Edge. Each style has a corresponding end profile detail of the timber slats and the seating supports.

When seating is integrated with planters, only the square-ended 'Edge' slats are used so that the timbers of both products align*

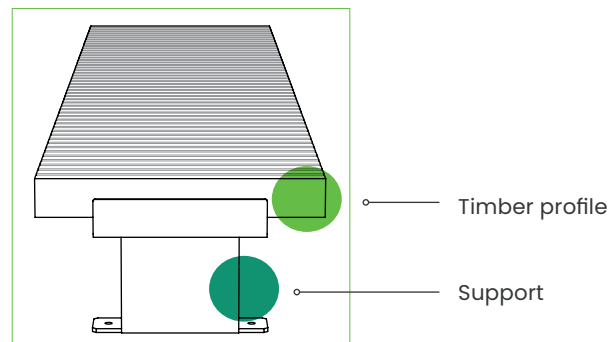
Delta

Although made of heavy-duty steel, the open frame support of the Delta profile is visually lighter than the other options. The vertical faces are tapered back towards the ground to give the distinctive delta form in side profile. Timber slats are square-ended as used for the Edge option.



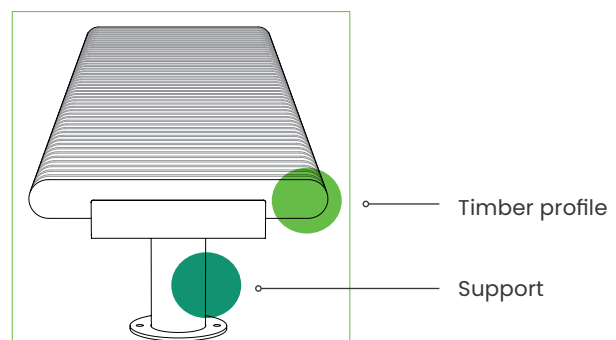
Edge

Square-form timbers define the sharp visual characteristics of the Edge profile, making this style a popular choice on new developments. The supports are open ended boxes fabricated in plate steel to give a heavy duty aesthetic.



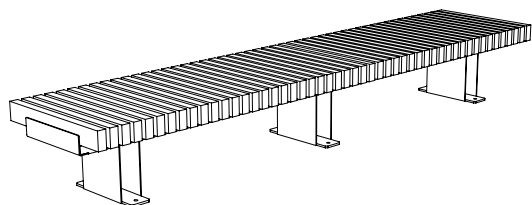
Loop

The distinctive rounded end of the slat is reminiscent of a lollipop stick, hence the name of this profile option. The central circular post supports are visually less obtrusive and softer than both the Edge and Delta options.



Straight benches.

Edge Straight bench



model illustrated:
RRBES7-S + RRBES7-E (3250mm long)

2-PERSON MODULE

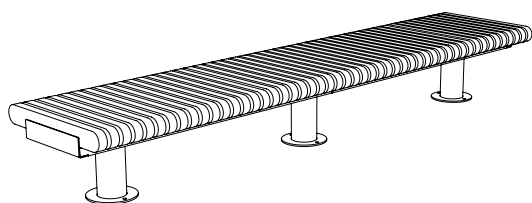
START MODULE
1615MM LONG
RRBES7-S

MID MODULE
1300MM LONG
RRBES7-M

START MODULE
1615MM LONG
RRBXS7-M

MID MODULE
1300MM LONG
RRBES7-E

Loop Straight bench



model illustrated:
RRBLR7-S + RRBLR7-E (3250mm long)

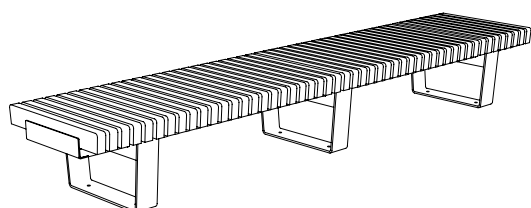
2-PERSON MODULE

START MODULE
1615MM LONG
RRBLR7-S

MID MODULE
1300MM LONG
RRBLR7-M

START MODULE
1615MM LONG
RRBLR7-E

Delta Straight bench



model illustrated:
RRBDA7-S + RRBDA7-E (3250mm long)

2-PERSON MODULE

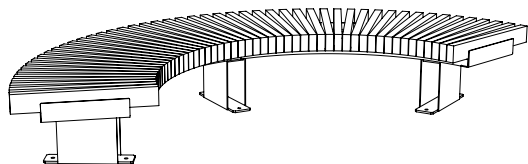
START MODULE
1615MM LONG
RRBDA7-S

MID MODULE
1300MM LONG
RRBDA7-M

START MODULE
1615MM LONG
RRBDA7-E

Curved benches.

Edge Curved bench



model illustrated:
RRBES7-S + RRBES7-E (3250mm long)

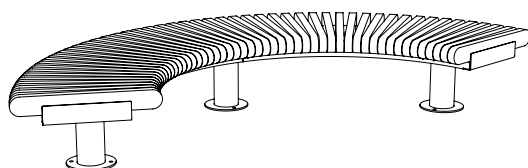
2-PERSON MODULE

	R1.25M C/L	R2.50M C/L	R3.75M C/L
START MODULE LEFT HAND	RRBES7-SL125	RRBES7-SL250	RRBES7-SL375
START MODULE RIGHT HAND	RRBES7-SR125	RRBES7-SR250	RRBES7-SR375
MID MODULE	RRBES7-M125	RRBES7-M250	RRBES7-M375
END MODULE LEFT HAND	RRBES7-EL125	RRBES7-EL250	RRBES7-EL375
END MODULE RIGHT HAND	RRBES7-ER125	RRBES7-ER250	RRBES7-ER375

INDEPENDENT UNITS

1950MM LONG BENCH			
	RRBES7-125	RRBES7-250	RRBES7-375

Loop Curved bench



model illustrated:
RRBLR7-S + RRBLR7-E (3250mm long)

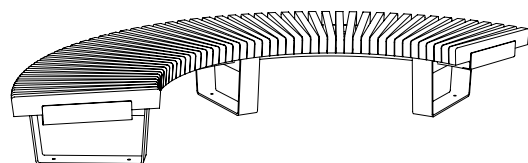
2-PERSON MODULE

	R1.25M C/L	R2.50M C/L	R3.75M C/L
START MODULE LEFT HAND	RRBLR7-SL125	RRBLR7-SL250	RRBLR7-SL375
START MODULE RIGHT HAND	RRBLR7-SR125	RRBLR7-SR250	RRBLR7-SR375
MID MODULE	RRBLR7-M125	RRBLR7-M250	RRBLR7-M375
END MODULE LEFT HAND	RRBLR7-EL125	RRBLR7-EL250	RRBLR7-EL375
END MODULE RIGHT HAND	RRBLR7-ER125	RRBLR7-ER250	RRBLR7-ER375

INDEPENDENT UNITS

1950MM LONG BENCH			
	RRBLR7-125	RRBLR7-250	RRBLR7-375

Delta Curved bench



model illustrated:
RRBDA7-S + RRBDA7-E (3250mm long)

2-PERSON MODULE

	R1.25M C/L	R2.50M C/L	R3.75M C/L
START MODULE LEFT HAND	RRBDA7-SL125	RRBDA7-SL250	RRBDA7-SL375
START MODULE RIGHT HAND	RRBDA7-SR125	RRBDA7-SR250	RRBDA7-SR375
MID MODULE	RRBDA7-M125	RRBDA7-M250	RRBDA7-M375
END MODULE LEFT HAND	RRBDA7-EL125	RRBDA7-EL250	RRBDA7-EL375
END MODULE RIGHT HAND	RRBDA7-ER125	RRBDA7-ER250	RRBDA7-ER375

INDEPENDENT UNITS

1950MM LONG BENCH			
	RRBDA7-125	RRBDA7-250	RRBDA7-375

Double width seating.

At 1400mm wide, double width benches are large enough to be considered as small platforms that people can sit on and around.

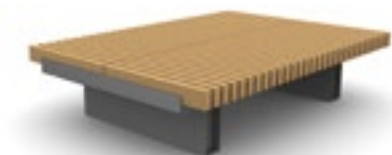
For safe handling the platform itself is divided into 2 sub-assembled parts, each essentially the same as the standard width platform, and available with all the same add-on options, including backrests, armrests and tablet surfaces.

Double width platforms are also offered in the same 3 styles - Edge, Loop and Delta - with the steel supports designed as complementary double width versions.

Benches and seats can be used as independent units and joined together to form longer runs, and also combined with planters and standard modules in an endless array of configuration options. As with all Railroad range products, modularity and interchangeability comes as standard.



Edge



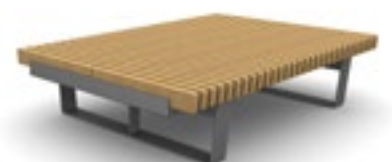
START	RRBESD-S
MID	RRBESD-M
END	RRBESD-E
INDEPENDENT UNIT	RRBESD-1950

Loop



START	RRBLRD-S
MID	RRBLRD-M
END	RRBLRD-E
INDEPENDENT UNIT	RRBLRD-1950

Delta



START	RRBDAD-S
MID	RRBDAD-M
END	RRBDAD-E
INDEPENDENT UNIT	RRBDAD-1950

Backrests.

All standard 2-person bench modules are designed to accommodate backrests; they can be fitted at the outset or retrofitted after installation.

Here are the backrests we offer and the terminology we use to define them – all backrests are common to all Edge, Loop and Delta bench products.

Straight backrests

Backrests align with the bench supports, and are inset from the ends of bench platforms. On long seat assemblies, backrests can be continuous or with gaps, or even staggered to both sides for dual aspect seating.



Curved external backrests

When the backrest is on the outside of a curved seat, we refer to this as an external backrest, with people facing inwards towards the centre point of the seat radius.



Curved internal backrests

When the backrest is on the inside of a curved seat, we refer to this as an internal backrest, with people facing outwards away from the centre point of the seat radius.



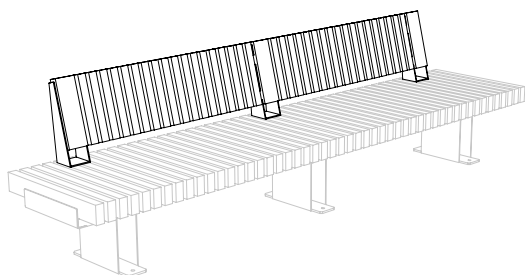
Combined curved External & internal backrests

On wave layout seating, a continuous backrest on one side requires both external & internal backrests, joined at the change of direction junction on the bench, all of which is achievable with standard components.



Backrests.

Straight Backrests



Backrests illustrated: RRBACK-S + RRBACK-E

START MODULE

MID MODULE

END MODULE

**1950MM
LONG BENCH**

**3250MM
LONG BENCH**

2-PERSON MODULE

RRBACK-S

RRBACK-M

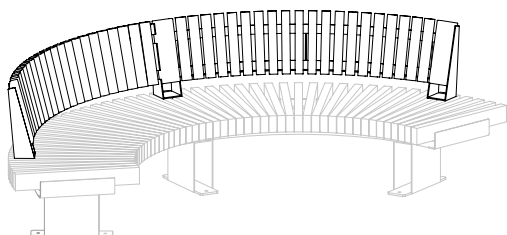
RRBACK-E

INDEPENDENT UNITS

RRBACK

RRBACK-S + RRBACK-E

Curved external Backrests



Backrests illustrated: RRBACK-S125E + RRBACK-E125E
(on Edge bench 1.25m c/l radius)

START MODULE

MID MODULE

END MODULE

**1950MM
LONG BENCH**

2-PERSON MODULE

R1.25M C/L

R2.50M C/L

R3.75M C/L

RRBACK-S125E | RRBACK-S250E | RRBACK-S375E

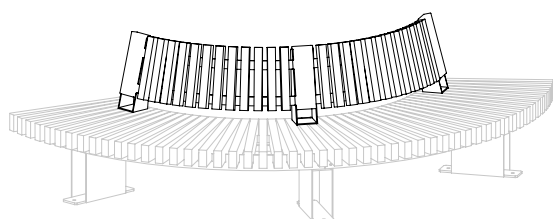
RRBACK-M125E | RRBACK-M250E | RRBACK-M375E

RRBACK-E125E | RRBACK-E250E | RRBACK-E375E

INDEPENDENT UNITS

RRBACK-125E | RRBACK-250E | RRBACK-375E

Curved internal Backrests



Backrests illustrated: RRBACK-S125N + RRBACK-E125N
(on Edge bench 1.25m c/l radius)

START MODULE

MID MODULE

END MODULE

**1950MM
LONG BENCH**

2-PERSON MODULE

R1.25M C/L

R2.50M C/L

R3.75M C/L

RRBACK-S125N | RRBACK-S250N | RRBACK-S375N

RRBACK-M125N | RRBACK-M250N | RRBACK-M375N

RRBACK-E125N | RRBACK-E250N | RRBACK-E375N

INDEPENDENT UNITS

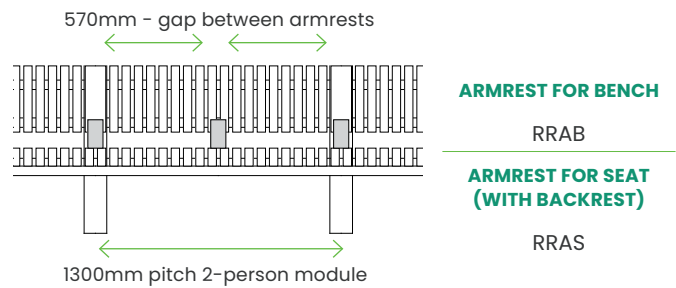
RRBACK-125N | RRBACK-250N | RRBACK-375N

Armrests.

Standard armrests

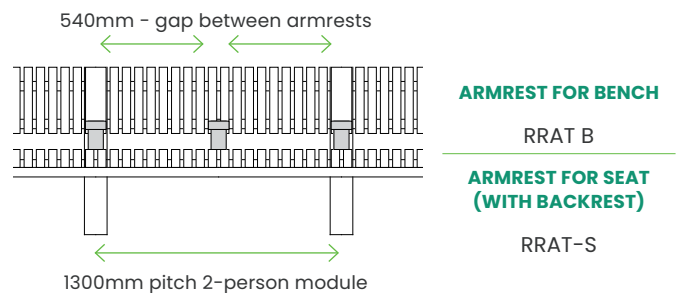
Constructed from robust 80mm wide steel plate, standard armrests can be fitted between any two timber slats on a bench or seat, although aligning them with bench platform supports and at midpoints between will ensure comfortable spacing. There is one style specifically designed for use with and another for seats with backrests.

Armrests can be easily retro-fitted if required.



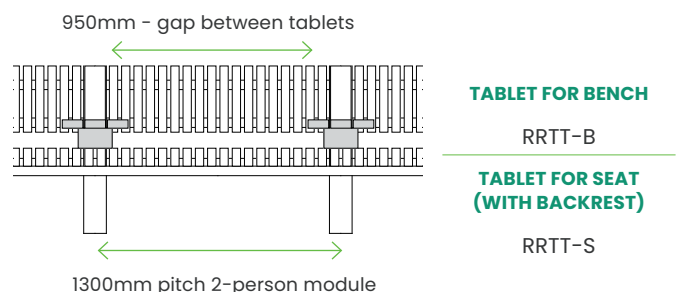
Timber-topped armrests

The addition of a timber slat to a steel armrest aids its use, improves comfort and looks good. The timber rail extends beyond the front of the steel armrest support, thereby providing a good grip area for less able-bodied people in particular to assist when lowering themselves onto or lifting off from the seats. A timber armrest is also warmer to the touch. At 110mm wide, the flat timber is suitable for placing small items such as a coffee cup onto.



Tablet surfaces

It is increasingly common for people to carry a small laptop or tablet device, and to use them in the outdoor environment. At 350mm wide, the tablet (a small side table) is a useful addition to a bench, suitable for placing not only computer devices onto, but also food and drink, a book or newspaper. When using a tablet it is not advisable to use tablets in standard positions as the gaps between would be too narrow for comfortable seating.

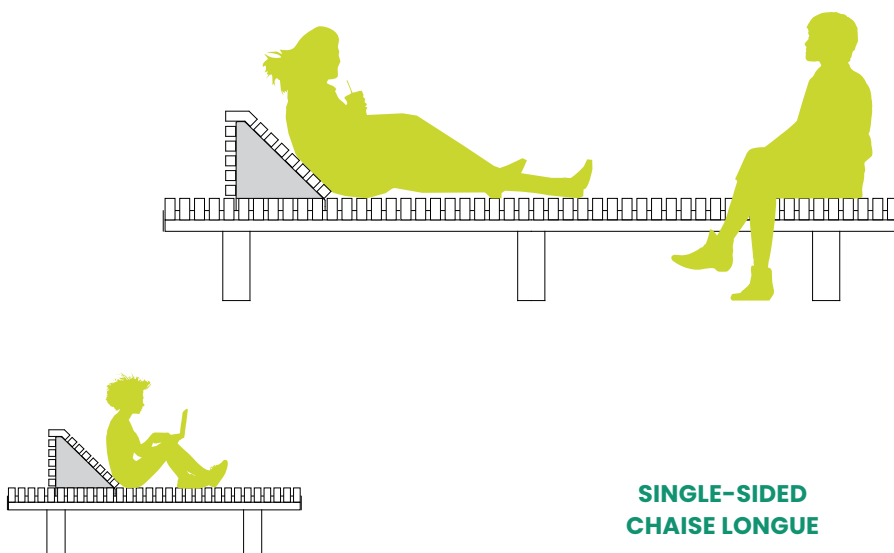


Chaise-longue.

All RailRoad straight benches can be fitted with a chaise longue backrest, allowing users to put their feet up to relax and enjoy the outdoors, especially in the summer months.

Chaise longue backrests can be fitted at any position along a bench, although we would recommend aligning them on the segment divisions as shown below to maximise the amount of useful seating space. Longer assemblies obviously give room to really stretch out and also lend themselves to the double-sided versions.

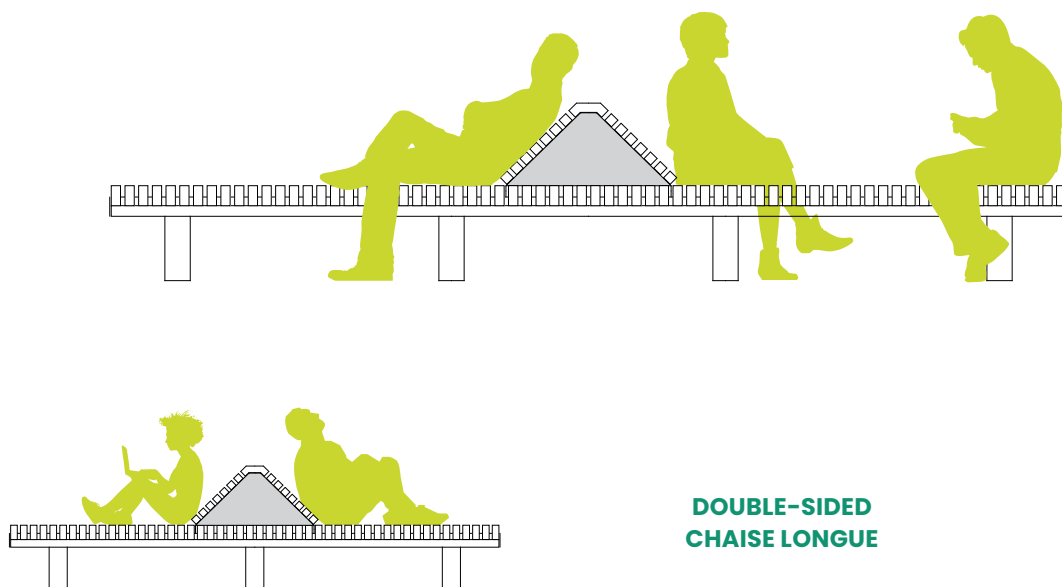
Single sided Chaise-longue



**SINGLE-SIDED
CHAISE LONGUE**

RRCH1

Double-sided Chaise-longue



**DOUBLE-SIDED
CHAISE LONGUE**

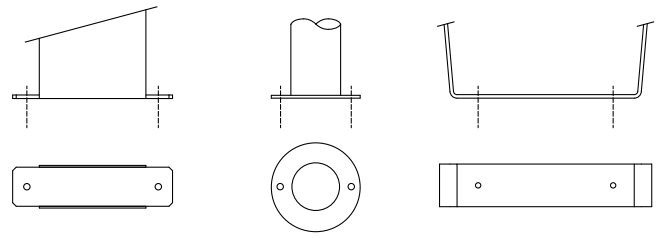
RRCH2

Installation.

Standard bolt-down fixing

All seats and benches are fitted with a base plate to all supports, pre-drilled for M10 or M12 ground anchors.

Surface-mounted bolt-down installation suits sites where the ground is relatively flat and where the existing substrate is of sufficient mass and stability to fix into or where new foundation blocks can be laid.



Edge

Loop

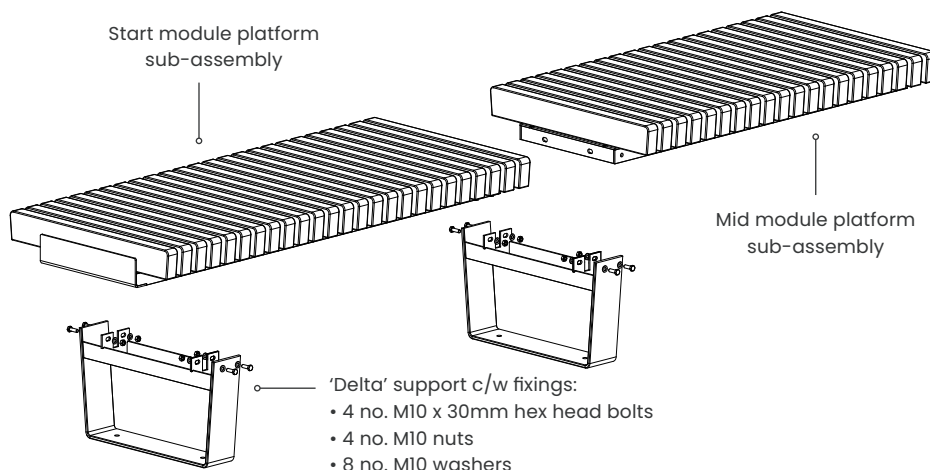
Delta

Below ground bolt-down (Edge & Loop)

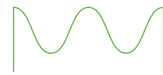
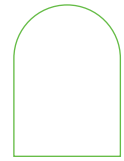
Steel supports can be extended in depth, with a base plate for bolting down to a concrete foundation block set below the finished paving level, and at sufficient depth to allow paving to be overlaid. All steel supports are generally supplied at the same height, meaning foundation blocks must be set true plumb rather than at a constant depth below finished ground level. The main advantage of this method is that the product can be easily removed without the need to break out a full concrete foundation.

Cast-in post support (Edge & Loop)

Steel supports can be supplied at extended lengths for setting into a concrete foundation block. This method is a relatively quick and easy installation, but removal of the product can be disruptive, as the finished surface as well as the concrete have to be broken out and excavated.



Planter.



Forged with folded heavy section plate steel and finished in a polyester powder coating – our Railroad planters are beautifully crafted, but never form over function. Rigid, durable and contemporary, they are designed to stand the test of time.

To integrate... or not to integrate

Brighten landscapes using RailRoad planting cube and rectangular shapes. The range is available in two heights 470mm and 720mm and manufactured from heavy section steel plate in a polyester coated finish. Planters feature a beautiful timber top rim that visually softens the product, acts as a foil to the plants and can also serve as a seating perch.

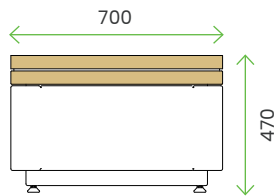
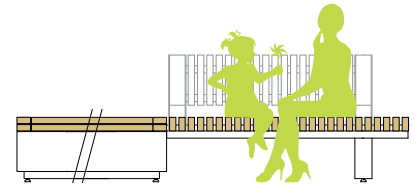
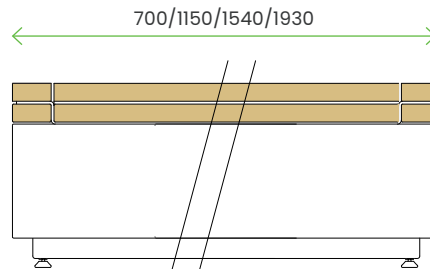
- Slick timber top rim
- Available in 2 height options
- Available in cube and rectangle styles
- Fully-welded design
- Standard or forklift base

With the simple addition of an appropriate connection bracket, RailRoad seating platforms can be mounted onto one or both ends of standard planters, or even all four sides of the cube version.

Planters can be used at the start /end or within a continuous seating run, to create corners where seating changes direction, or even as a junction between 3 and 4-way seating directions.

Planters.

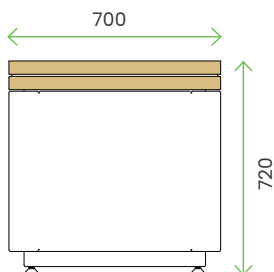
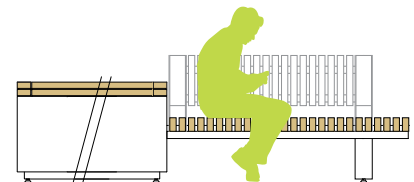
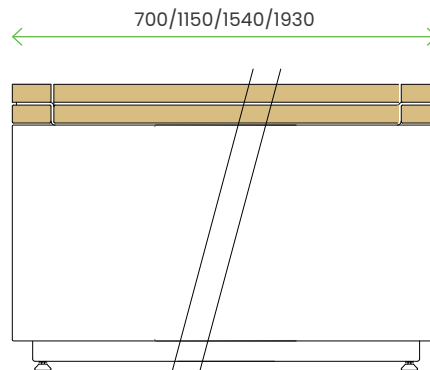
RailRoad planters 470mm high



470MM HIGH

700X700	1150X700	15470X700	1930X700
65KG (EMPTY)	86KG (EMPTY)	105KG (EMPTY)	127KG (EMPTY)
RRP2T-7070/47	RRP2T-11570/47	RRP2T-15470/47	RRP2T-19370/47

RailRoad planters 720mm high



720MM HIGH

700X700	1150X700	15470X700	1930X700
82KG (EMPTY)	108KG (EMPTY)	130KG (EMPTY)	152KG (EMPTY)
RRP2T-7070/72	RRP2T-11570/72	RRP2T-15470/72-TP	RRP2T-19370/72

*planter is also sold separately, get in touch for pricing

Planter heights include the 20mm height of the adjustable feet. Seats joined to planters can either be fitted with matching feet for freestanding assemblies or with a 20mm spacer for bolting down.

Alternatively, and on level ground, the feet on the planters and seats can be removed, reducing the heights shown by 20mm.

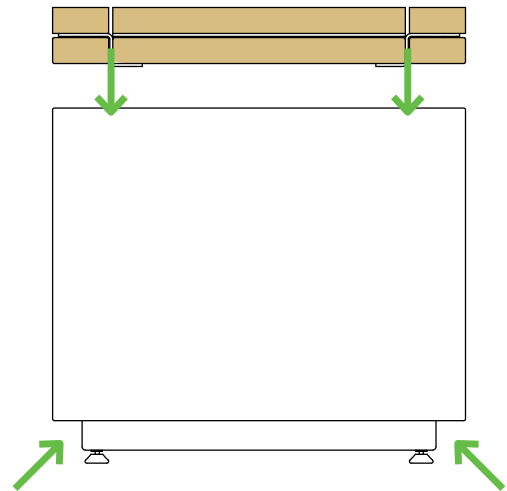
Installation.

Planters are large and heavy objects even before filling with soil and plants, so we have built in a number of features to aid safe handling and to minimise the risk of damage during installation.

Handling & installation

Planters can be manually lifted by hand (refer to product codes for weights), via straps wedged between the main body and plinth, or if the timber top rim is removed, via fixing holes that can be used as lifting eyes.

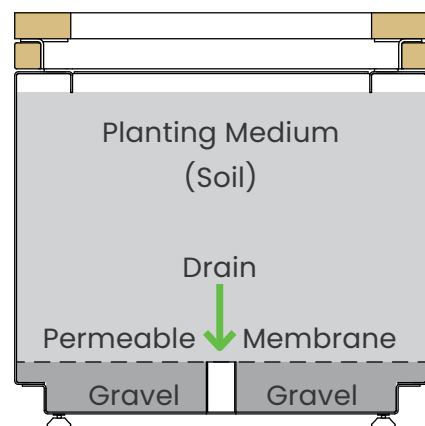
- After placement in position, the planter can be levelled via the adjustable feet in each corner.
- These can be simply adjusted by hand prior to filling the planter.
- Given the weight of a filled planter there is no need to bolt them down.



Planting and water drainage

A central drainage pipe is a standard feature in all planters and a gravel laid up to the level of the top of the pipe can act as a reservoir. If filled beyond capacity, surplus water will overflow into the drainage pipe and out of the bottom of the planter.

- We recommend that free-draining gravel is laid in the base of the planter up to the level of the top of the drain pipe, approx 90mm above the planter base.
- The central drainage pipe is fitted as standard and is supplied with a top cap for use if drainage is not required.
- Placing a permeable membrane over the gravel will prevent the soil migrating down into the gravel.



Inspiration.

Integrated seats and planters

Straight seating module + planter at start / end

Planters can be used at the start / end of a seating run. Cube planters might contain single large specimen plants, whereas troughs offer greater planting opportunities to make a more significant display.



Straight seating modules + planter in mid position

Placing a planter within a seating run serves to break it up into smaller segments, creating more private areas with planting between, which people who are not acquainted are more likely to use than if the seating is a single continuous line.



Straight seating modules + planter as corner unit

Where seats are arranged in L-shapes, the corner section between the two arms is not a very effective seating area. Placing a planter in this area is an ideal use for an otherwise redundant space, and also serves to provide separation between adjacent seats.



Straight seating module + planters at start / end position

If planters are used at both ends, the seating platform can simply bridge between them. With the weight and stability offered by the planters and their fill material, this assembly can generally be left freestanding.



Get creative.

Curved triangle

At 3.2m overall diameter, the smallest size RailRoad seating circle may be too large for some sites. Using 3 curved seating segments with cube planters creates a smaller and more unusual arrangement that suits placement around a tree or other feature.



Round-cornered triangle

A triangular layout is a distinctive variation on a circular enclosure, with trough planters that divide the assembly into smaller sections of seating. If one set of the seating pairs is removed the seating could be used as either inward or outward facing.



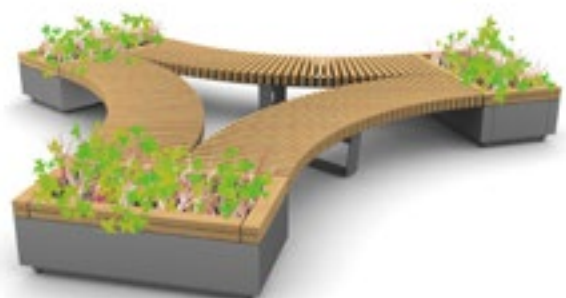
Ellipse

An ellipse is an alternative to a full circle and takes up less space, using cube planters at the points and curved seating segments between. An attractive shape in its own right, this layout is also suitable for setting out around a specimen tree.



Propeller

Trough planters at the end of each point offer the opportunity of significant planting, with the 3 sets of paired platforms providing curved seating between. The geometry of this layout even allows multiples to be linked together for further seating provision.



Case studies.

Some of our recent projects where you can see RailRoad in its full glory



Vauxhall One Parklet
Client: Vauxhall One

Case studies.



Dulwich Village seating and planters
Client: Cyclehoop

Case studies.



Winchester Sport and Leisure Park
Client: Winchester City Council

Case studies.



Bullring Shopping Centre, Birmingham
Client: Bullring Limited Partnership

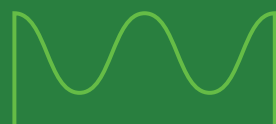
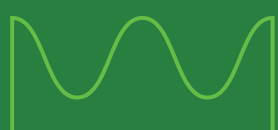
Why Furnitubes.

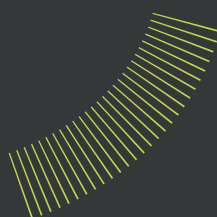
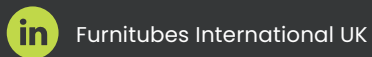
- **Made in the UK**
our factory is based in Kent, so expect faster leadtimes and no supply chain delays
- **Easy to maintain + low labour costs**
we make sure that fixing points are easily accessible so slats and brackets can be changed easily when damaged
- **Modular solutions**
our ranges are modular and customisable, seating and planters can be easily combined, be creative without blowing the budget
- **Our approach**
we take a considered approach to design, it's not just about the end product. We take everything in the process into consideration, we are collaborative and we are committed to producing products that improve our environment & keep people safe.



Our Process.

- **Get in touch** – it's as simple as that, give us a call or drop us an email, we're happy to help whatever the medium!
- **Collaborate** – Depending on your needs, you might not actually need us at this stage, that's the beauty of our modular ranges – they're designed with you in mind, so you can specify with ease. Nevertheless, we are here for you if you do – our design team are always on hand to discuss the nitty gritty of your project.
- **Specification** – This is where our team of experts take the wheel and help you with sketches, CADs and more to help you specify our products as easily as possible.
- **Production + delivery** – all of our products are designed and manufactured in the UK allowing us to give you shorter lead times. With a dedicated project manager keeping you in the loop, you can trust everything is in hand.





furnitubes
shaping outdoor spaces

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