



## SEVEN SEATING & SURFACES



Public realm furniture design  
& innovation from Furnitubes





## SEVEN SEATING & SURFACES



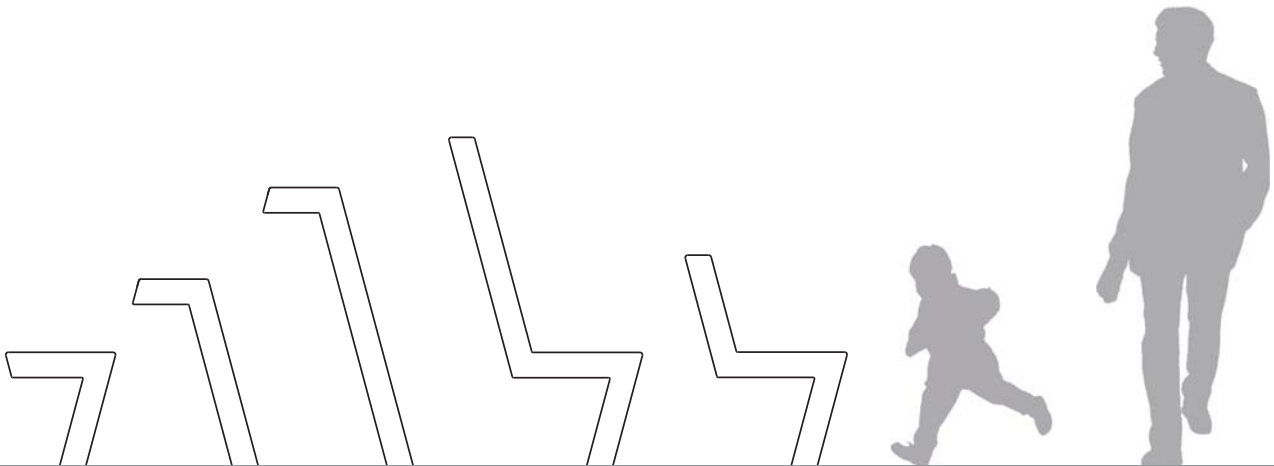
## INTRODUCTION



# SMART SPACE®

**'SmartSpace' is an innovative approach to public realm furniture, whereby products are designed and can be arranged to meet the varying and changing requirements of outdoor spaces.**

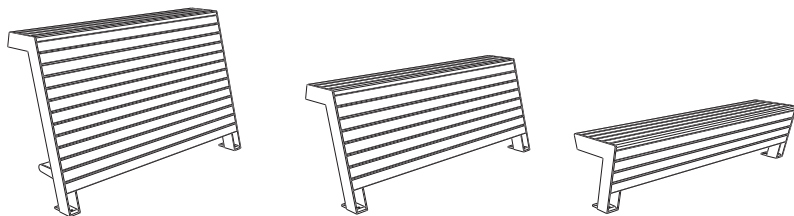
The new Seven range of products from Furnitubes is the first to demonstrate our SmartSpace philosophy, articulated through an adaptable suite of products that we believe can contribute to the potential dynamism in most outdoor spaces. Bench and panel modules can be used on their own, or joined together in distinctive arrangements where people can enjoy social interaction in public spaces. Combining variable height surfaces and angled panels offers the opportunity to create imaginative solutions to seating and table provision, as well as leaning, boundary and screen walls – all achieved from a handful of basic modules. The combination of precision-machined steel components and the natural aesthetic of timber make the Seven range of products equally suitable for urban environments and green spaces.



At Furnitubes we believe in the positive promotion of UK manufacturing and the benefits that it brings to the UK economy. Manufacturing in the UK also offers a more sustainable solution, with transportation distances and associated environmental impacts minimised. Wherever you see our **UK Made** logo you can be assured that the product is manufactured in the UK.

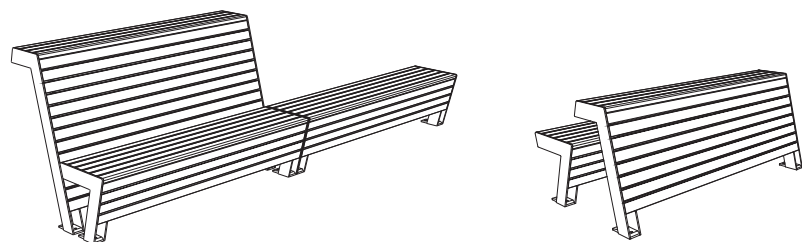


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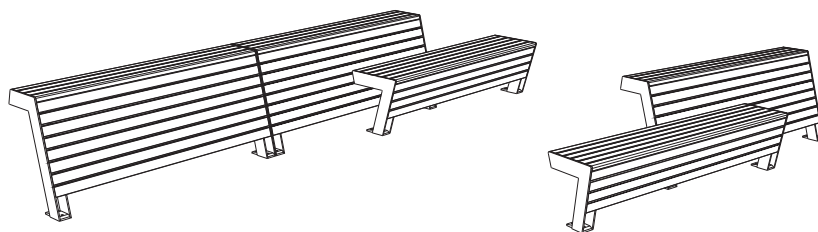
### Independent modular units

A bench and two panel modules are the core products of the Seven range, which can be used independently as attractive seating and boundary treatments in their own right.



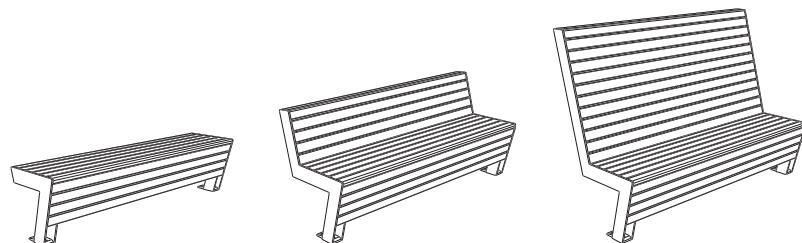
### Grouped modules

Modules can be joined in a number of different ways to create additional uses and features, such as two-tiered seating, picnic tables and high-back seat configurations.



### Linear seating and boundary walls

Multiple standard modules in linear arrangements and with staggered placement provides seating that can be accessed from both sides.

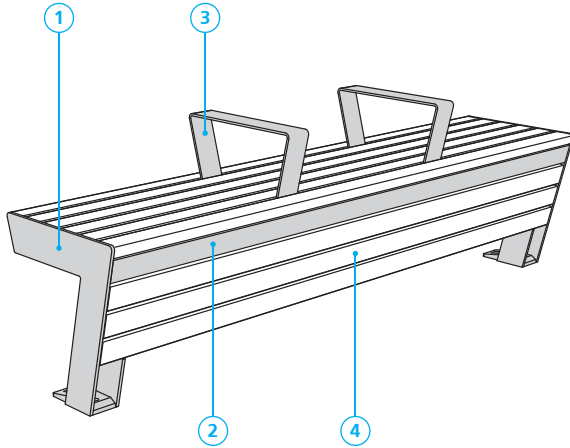


### Complementary seat designs

As well as the modular units designed for interchangeable configurations, the range also comprises a standard and a high-back seat designed to complement the basic bench.



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### Standard features & options:

#### 1 END SUPPORTS

Precision manufactured, laser-cut heavy duty steel plate, hot dip galvanised for ultimate anti-corrosion protection. As standard, supports are provided for surface-mounted bolt-down installation, although they can be supplied at extended heights for below-ground installation. All steelwork can be polyester coated to any RAL colour reference.

#### 2 SUPPORT FRAME / RAILS

The timber seating platform on benches and the top surfaces of angled panel modules are fully supported by a steel frame. In the event that the timber is damaged or de-faced, individual slats can be readily replaced in-situ thereby extending the life of the product and maintaining a fresh appearance. The edge rails of the steel support frame are visible beneath the top timbers, and can be coated in a secondary colour to the end supports if required.

#### 3 ARMRESTS (BENCH MODULES ONLY)

Armrests (fully welded to the steel support frame) are optional extras on all benches. As standard, armrests are positioned to divide the bench into 600mm wide seating segments.

#### 4 TIMBER SLATTED FACES

Closely-spaced timber slats, invisibly fixed from the rear, provide an attractive natural and comfortable surface to benches and panels. The standard material offered in modified softwood - the characteristics and benefits of which are described to the right - although other timbers such as iroko can also be used on the Seven range of products.

### Modified softwood

Seven is the first product range for which Furnitubes is offering modified softwood timber slats - a sustainable alternative to tropical hardwood. Modification is an environmentally-friendly process which enhances the properties of non-durable softwoods with a non-toxic bio-based liquid. The wood's cell structure is permanently modified to provide a dense, dimensionally stable, highly durable material with an aesthetic and performance comparable with tropical hardwood. It requires minimum maintenance and the process also protects against decay, fungi, insects and other microorganisms.

The natural colouration after modification is a mid to deep brown, which will acquire a silver-grey patina after exposure to the elements. Although there is no need to coat the timber from a durability point of view, modified softwood is receptive to coatings and we can offer a range of clear and tinted UV-resistant products that will help retain and replenish natural oils and resins lost through weathering, improve water resistance and maintain a richer colouration over a longer period. The coating penetrates the timber - it does not form a surface film vulnerable to breakdown and unsightly flaking - and gives a soft sheen to the surface. A single colour can be used on all slats on a product, or a sequence or random arrangement of various colours can be used, as shown on selected photos in this brochure.

### Uncoated timbers:



#### Unweathered

As-new appearance, before placement in external environment



#### Weathered

Silver-grey patina after 3 months weathering in an external environment

### Coated timbers:



#### Natural colour

Clear coating slightly darkens the colouration of uncoated timber



#### Tinted coatings

Tinted coatings alter the hue of the material & darken its appearance

If the specific hue and tone of the timbers are important to you, for example if they are to be used alongside other timber products on a scheme, we are able to supply samples for your consideration.



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### Example combinations

The 3 modular products in the Seven range can be used as stand-alone items serving the following functions:

- Bench - a simple backless seat
- Low Panel - a perch seat, low table, leaning wall and low screen
- High Panel - a high table, leaning wall and high screen

When the bench and panel modules are combined though, the panels can function as seat backrests and also provide a second seating level or a table surface. Shown here are just a few combinations and arrangements of the modules in aligned and offset pairs, small groups and extended lines, all designed to provide a versatile facility that encourages social interaction. If you are unsure of the overall configuration that you are seeking, or how it might be seen or used, our expert designers are happy to provide visualisations of your proposals to ensure that the products meet your requirement and expectation. Varying the colour schemes of the steelwork and timber can make the arrangements even more distinctive, and locally unique.





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### Bench module

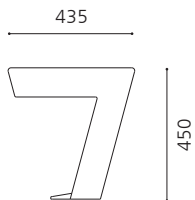
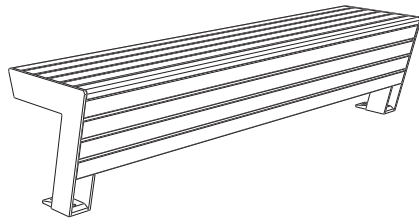
The bench unit is the 'base model' of the range, the distinctive shape of which gives the Seven range its name. The bench can be used independently, paired or combined with low and high angled panel modules to create tiered seating, picnic tables and high back seating configurations, examples of which are shown below. Benches can be supplied with or without the front panel timbers and with the option of armrest(s). The horizontal steel rails beneath the seat platform can be in a contrasting colour to the end seat supports.



Independent benches

Benches combined with low panels

Bench & high panel



#### SEVEN BENCH

Steel frame & seat supports for bolt-down surface fixing, hot dip galvanised & polyester powder coated, with modified softwood timber slats

##### SEVB 4

2 person / 1200mm long bench

##### SEVB 6

3 person / 1800mm long bench

##### SEVB 8

4 person / 2400mm long bench

#### OPTIONS:

- Other overall length
- Armrests
- Extended depth supports for in-ground installation
- Coated timbers in single or mixed tones
- Iroko hardwood timbers
- Without front face timbers



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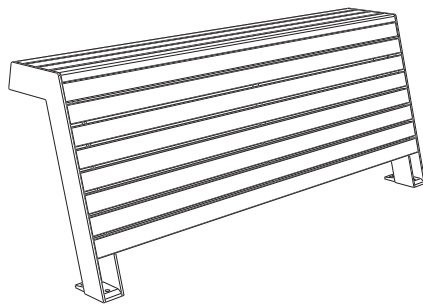
### Low panel module

The low panel module has multiple uses, as independent items and in combination with bench units. The front face of the panel can serve as a screen, a lean-on or rebound wall, and the top surface as high level seating or as a table top when used in conjunction with the bench unit. Combining long runs of angled panels and benches present visually interesting boundary treatments and seating solutions that can be used in many different ways. The horizontal steel rails beneath the top can be in a contrasting colour to the end panel supports.



Independent low panels

Low panels combined with benches



500

740

#### SEVEN LOW PANEL

Steel frame & panel supports for bolt-down surface fixing, hot dip galvanised & polyester powder coated, with modified softwood timber slats

##### SEVLP 4

1200mm long panel

##### SEVLP 6

1800mm long panel

##### SEVLP 8

2400mm long panel

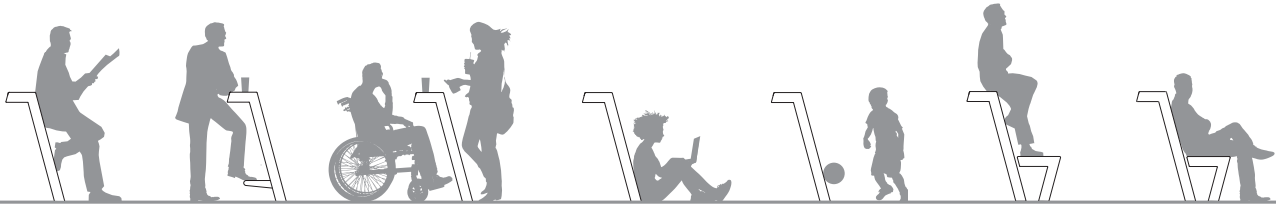
#### OPTIONS:

- Other overall length
- Extended depth supports for in-ground installation
- Coated timbers in single or mixed tones
- Iroko hardwood timbers
- Table infill section to allow back-to-back modules to convert to table

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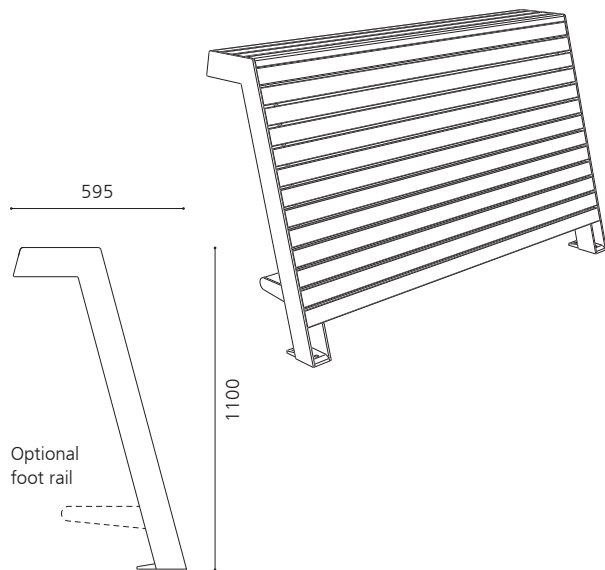
### High panel module

The high panel provides a narrow top surface suitable for placing a drink, book or laptop at a convenient height (similar to a pub bar), and also serves as a screen, lean-on or rebound wall. It can be combined with a bench module to provide a high backrest, or a high level perch seat. A foot rail and hooks for hanging coats and bags are unique optional extras with this module - useful features for when the panel is used as a boundary wall to a pub for example. Horizontal steel rails beneath the top can be in a contrasting colour to the end panel supports.



Independent high panels

High panels combined with benches



#### SEVEN HIGH PANEL

Steel frame & posts for bolt-down fixing, hot dip galvanised & polyester powder coated, with timber slats in thermally modified softwood

##### SEVHP 4

1200mm long panel

##### SEVHP 6

1800mm long panel

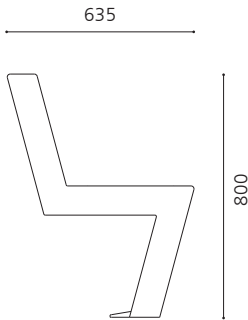
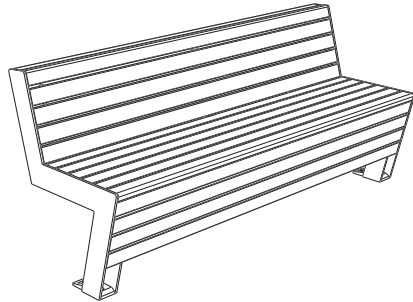
##### SEVHP 8

2400mm long panel

#### OPTIONS:

- Other overall lengths
- Extended depth supports for in-ground installation
- Coated timbers in single or mixed tones
- Iroko hardwood timbers
- Foot rail
- Coat hooks

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### SEVEN SEAT WITH INTEGRAL BACKREST (STD HEIGHT)

Steel frame & posts for bolt-down fixing, hot dip galvanised & polyester powder coated, with modified softwood timber slats

#### SEVS 4

2 person / 1200mm long seat

#### SEVS 6

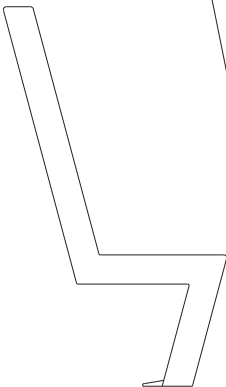
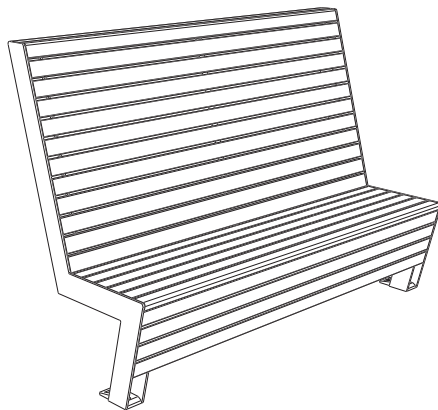
3 person / 1800mm long seat

#### SEVS 8

4 person / 2400mm long seat

#### OPTIONS:

- Other overall lengths
- Armrests
- Extended supports for below-ground bolt-down installation
- Coated timbers in single or mixed tones
- Iroko hardwood timbers
- Without front face timbers



Overall dims (mm):  
765 wide x 1300 high

### SEVEN SEAT WITH INTEGRAL BACKREST (HIGH VERSION)

Steel frame & posts for bolt-down fixing, hot dip galvanised & polyester powder coated, with modified softwood timber slats

#### SEVSH 4

2 person / 1200mm long seat

#### SEVSH 6

3 person / 1800mm long seat

#### SEVSH 8

4 person / 2400mm long seat

#### OPTIONS:

- Other overall lengths
- Armrests
- Extended depth supports for in-ground installation
- Coated timbers in single or mixed tones
- Iroko hardwood timbers
- Without front face timbers



## SEVEN INSTALLATION

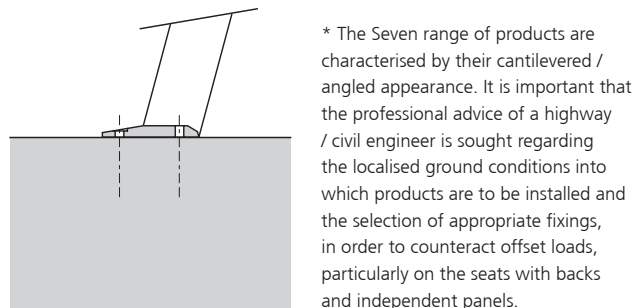
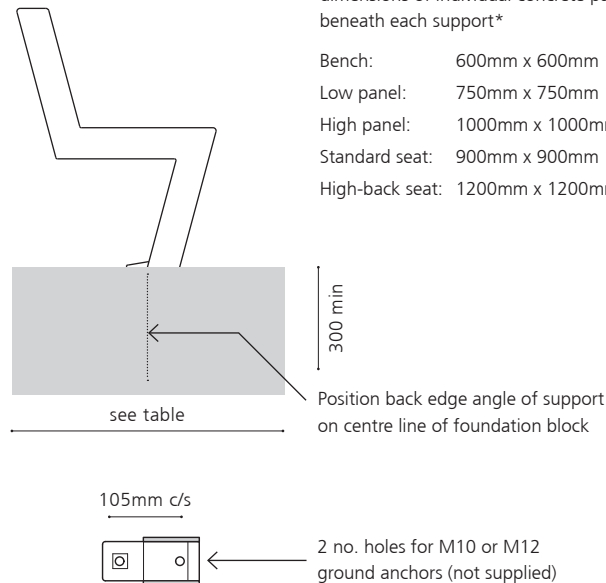
### Standard bolt-down fixing

All benches, seats and panels are fitted with a common base plate on both end supports, pre-drilled for M10 or M12 ground anchors. This installation method suits situations where the ground is relatively level and where either the existing substrate is of sufficient mass and stability to fix into, or where new foundation blocks can be laid.

#### Foundation details

Minimum recommended plan dimensions of individual concrete pads beneath each support\*

Bench:	600mm x 600mm
Low panel:	750mm x 750mm
High panel:	1000mm x 1000mm
Standard seat:	900mm x 900mm
High-back seat:	1200mm x 1200mm



Bolt-down details

### Alternative fixing methods

Where the ground slopes, a standard bolt-down installation may not be suitable, as seating and table top surfaces would echo the slope angle. There are two alternative base / installation options that can be supplied, both of which enable horizontal surfaces to be installed true plumb even on sloping ground.

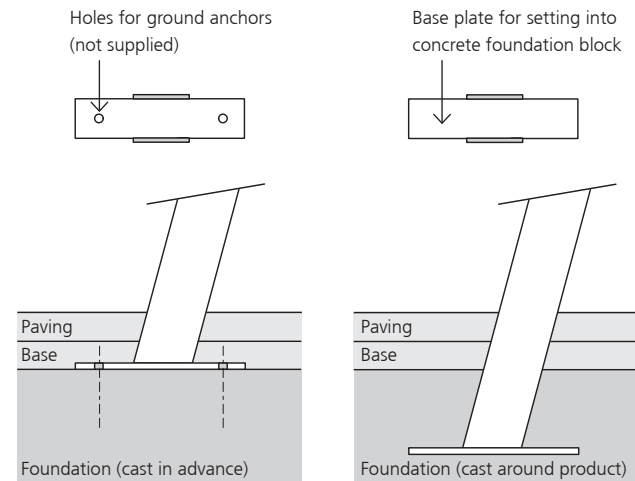
#### Below ground bolt-down

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

#### Cast-in post support

Extended depth steel supports are propped in position and simply concreted in.

Products for either of these installation methods are designed and manufactured to the dimensions to suit your site. Other site-specific details can be designed as required.



Indicative detail of below ground bolt-down

Indicative detail of cast-in post support



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View or download other product e-brochures at the following link:

**[www.furnitubes.com/brochures](http://www.furnitubes.com/brochures)**



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