e-BROCHURE REF: E-006-25-20









ELEMENTS® SEATING & TABLES

MADE IN BRITAIN

SMART SPACE®

Public realm furniture design
& innovation from Furnitubes

Furnitubes®

ELEMENTS® SEATING & TABLE RANGE



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. Elements is the latest addition to the **SmartSpace** family.

© Furnitubes Ref: S-058-05-16

Standard components in unique combinations

The Elements range from Furnitubes puts you firmly in control of the design of seating and table products for your site. The range is based around a series of standard interchangeable components, or 'elements', that offer you the maximum choice of styles, sizes, materials and features. Here are just some of the benefits of the Elements range:

- A wide range of styles, materials, finishes and other options
- Coordinated standard width, wide (XL) and narrow seating, plus table options
- 1000s of available combinations allowing you to create a truly unique solution for your site
- Create interesting and unique seating configurations from standard components
- Select a design that meets your purpose and budget
- Common components give you the ability to easily modify the products in the future
- The range can be readily adapted to suit site-specific requirements

MADE IN BRITAIN

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. Where components and materials are not available in the UK, we ensure that they are imported from responsibly managed and legally certified sources. All new products to the Furnitubes' range are designed with this philosophy in mind and wherever you see the Made in Britain logo you can be assured that the product is manufactured in the UK.





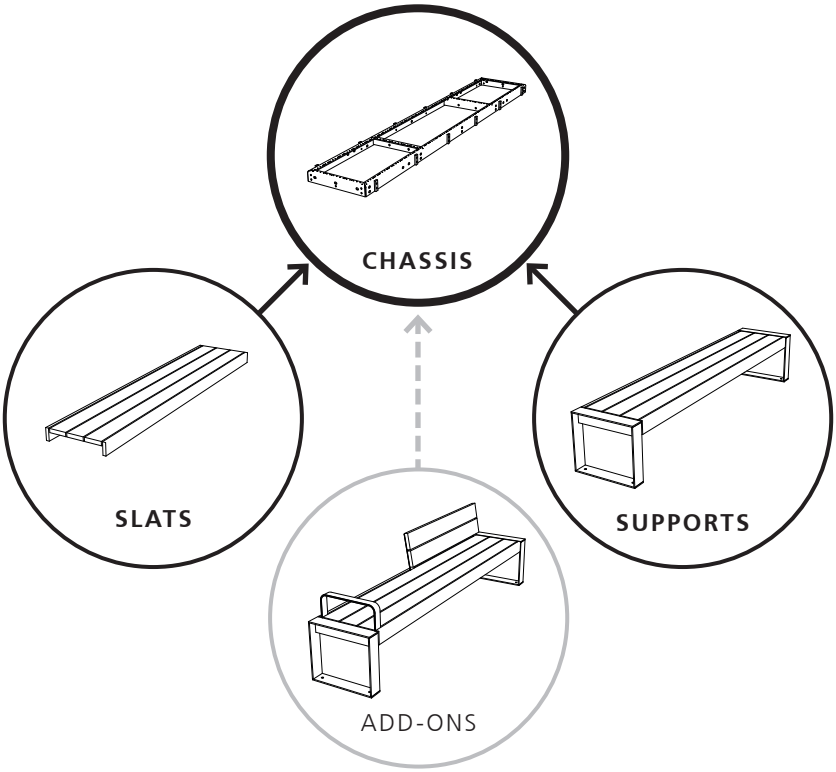


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The Elements Concept

Most seating and table ranges offer the specifier a rather limited number of variations in sizes, materials and add-on options. Furnitubes' in-house Design Team has developed the Elements concept to provide a comprehensive range of seating and tables with a far greater choice of configurations and options, all based around common sets of core components.

The chassis is at the heart of all Elements products - a robust steel frame pre-drilled for all options of slats, supports and add-ons such as arm and backrests.



Legally sourced iroko slats are available in 3 standard sectional sizes, which can be fixed to the chassis in either side-to-side or front-to-back arrangements.

The chassis with fitted timber slatted forms the finished platform that is suspended on a choice of support types, with most available in a variety of material and finish options.

Seating products can include add-on options such as armrests, backrests, tablets and anti-skate devices, all bolted onto the chassis at standard positions, to divide the seat platform into smaller segments for individual seating positions.

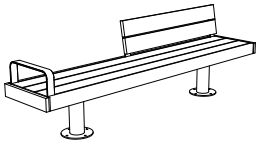
1000s of combinations

With such a wide choice of form, size, material, finish and add-on options, Elements seats can be designed by the specifier to a style and budget to suit most schemes. Shown in this brochure are just some examples of the wide variety of potential standard combinations; the number of possible permutations is almost endless, allowing the specifier to configure unique combinations to their scheme.

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The Product Range

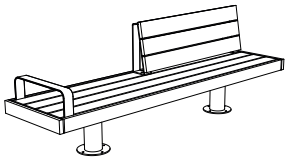
Elements began as a standard-sized seating product only but given its popularity since its launch, and in response to client comments and requirements, we have significantly expanded the range to include wider, narrower and higher seating options and also added complementary tables to allow for a wide variety and fully coordinated suite of seating and table solutions.



ELEMENTS® Standard seating

The original form of Elements, offering the widest choice of options, including:

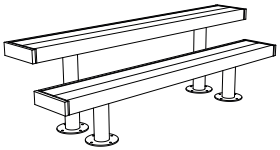
- Benches & seats with backs
- 2 length options, to accommodate 3 or 4 people
- 9 support type options



ELEMENTS® XL seating

The latest addition to the range, Elements XL seating features include:

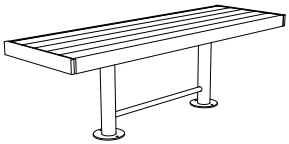
- Benches & seats with backs
- 2 length options, to accommodate 3 or 4 people
- Bench width allows perch seating from both sides
- Standard and high backrests
- Heavy duty armrests
- Allows back-to-back placement
- Extra width improves stability so could be used freestanding
- 8 support type options



ELEMENTS® Narrow benches

Narrow benches are ideal short term seating solutions, offered in the following options:

- Bench forms only (no backs)
- 2 length options, to accommodate 3 or 4 people
- 2 height options
- Post support only



ELEMENTS® Tables

Combine complimentary Element tables and seating for a coordinated suite:

- 2 length options, to accommodate 6 or 8 people
- 2 width options, with the larger version offering generous space for dining
- 2 support type options

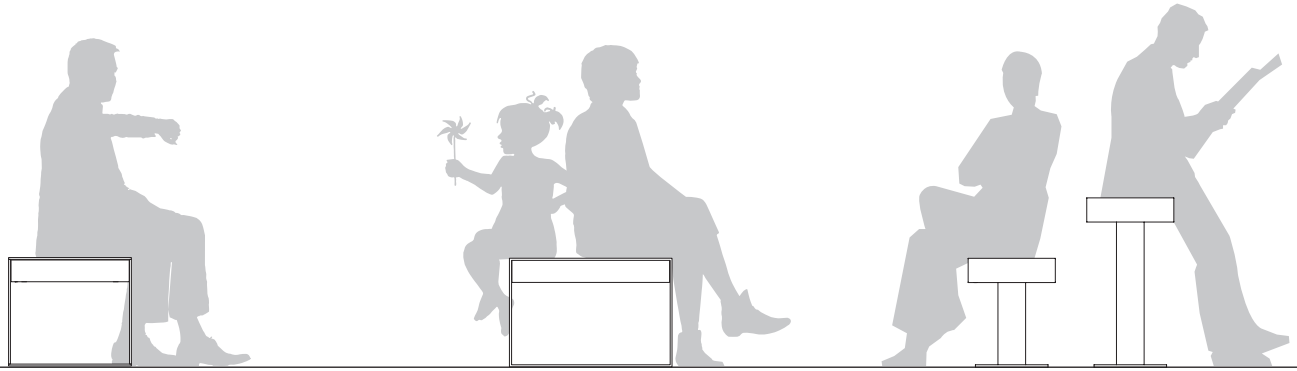
Bespoke assemblies

Even with so many standard configuration possibilities, there will still be occasions when site-specific solutions may be necessary or desirable, perhaps due to dimensional requirements or the need to visually coordinate with pre-existing site features. Please call us to discuss how standard Elements' components and assembly arrangements can be adapted, or new features introduced, to suit your exact requirements.

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Choosing the right size seat for your site

The depth of the seating platform largely determines how comfortable the seating is for the user for the duration of use. At some sites, such as in a park setting where people take time to relax and enjoy the surroundings, the intention may be to provide comfortable long term seating. Elsewhere seating may be required for very short term use, for example at a town centre transport hub. Seating depth also influences which additional features, such as arm and backrests, can be added and together with the seat length, also determines seating capacity. The Elements range offers a variety of seating depth sizes suitable for all applications, allowing for a coordinated suite of different seating forms from the same family to be used across a single scheme.



ELEMENTS® Standard seating

Seating platform depth 510mm
(480mm for steel fascia options)

This depth of the platform on Elements Standard seating is perfectly adequate for most applications. Where space on a pavement is limited, standard size seating doesn't take up any unnecessary room that might cause an obstruction or a hazard. Standard seating allows a full range of add-ons such as armrests, backrests and tablet surfaces. Benches can be used from one side only at a time. All options require ground-fixing.

ELEMENTS® XL Seating

Seating platform depth 675mm
(645mm for steel fascia options)

The extended platform depth on Elements XL means that benches can be used as perch seating simultaneously from both sides, so potentially doubling the seating capacity compared with Elements Standard benches. Bigger seating makes a bolder statement and particularly suits placement in large open urban spaces. The extended depth also makes them more stable, meaning they can be used freestanding, thereby avoiding expensive installation works. As backrests do not extend outside the rear line of the supports, back-to-back seats can be directly abutted.

ELEMENTS® Narrow benches

Seating platform depth 360mm
(330mm for steel fascia options)

Elements Narrow benches are ideal as short term seating solutions, being comfortable enough to rest on for a short while, but not encouraging long term use. This is even more so with the high version. When standard and high benches are combined they provide an unusual two-tier seating solution, which is particularly popular with children. The short platform depth doesn't allow the addition of backrests.

© Furnitubes Ref: S-798-01-18







© Furnitubes Ref: S-799-01-18

Platform slat options

Elements is offered with 3 standard timber slat profile size options, and each profile can be arranged in either side-to-side or front-to-back orientation - all fixing to the same common chassis. Each option has its own style - small slats have a delicate look whereas large slats are much more robust in style, with the medium slats being a balance between the two. Consideration should be given as to how the slats visually 'work' with the various seat / table support options. Shown below are each of the slat profiles and orientations on the standard seating range, with the same principles apply to all others seating and tables. Slats are supplied in a smooth planed untreated finish as standard, but a UV protective finish can be pre-applied to help prevent the wood from fading.



Small slats (40mm), side-to-side
(9 no. / standard seat platform)



Medium slats (65mm), side-to-side
(6 no. / standard seat platform)



Large slats (140mm), side-to-side
(3 no. / standard seat platform)



Small slats (40mm), front-to-back
(36 no. / 1800mm standard seat platform)
(48 no. / 2400mm standard seat platform)



Medium slats (65mm), front-to-back
(24 no. / 1800mm standard seat platform)
(32 no. / 2400mm standard seat platform)



Large slats (140mm), front-to-back
(12 no. / 1800mm standard seat platform)
(16 no. / 2400mm standard seat platform)

© Furnitubes Ref: S-047-07-18







© Furnitubes Ref: S-800-01-18

Platform support options

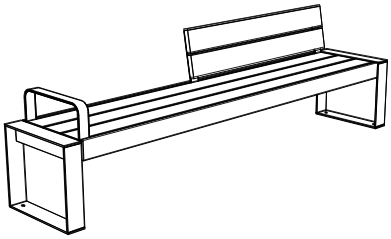
The steelwork chassis and timber slats that create Elements seating and table platforms are common across the range, but there are many different support options, to which the platforms attaches. Elements Standard seating has 9 support options in a variety of material and finish options. Combining different support types and timber slat sizes / orientation can give very different overall appearances to the seat, from the visually light (but very robust) combination of an Open Frame support with narrow width timbers to the more heavy duty appearance of Granite or Concrete ends with large timbers. The new XL version seating is available in 7 of the 9 supports types offered for Standard seating, and Elements Narrow benches have post supports only. Tables complete the range, and are available with either Picture Frame or Post supports as standard. All supports are supplied pre-drilled for a bolt-down installation, although in-ground fixed versions can be supplied if preferred; XL seating is sufficiently stable to be used freestanding (on secure sites). Bespoke supports can be offered providing they can bolt to the pre-determined fixing locations on the platform chassis.



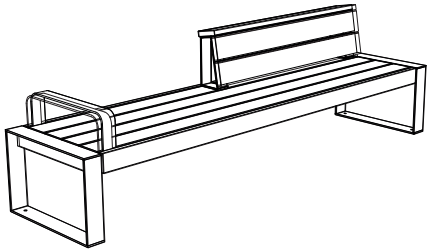
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ELEMENTS® PICTURE FRAME

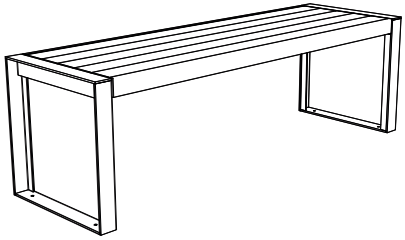
Model shown:
2610mm long, large timber slats, half length backrest, single armrest



Model shown:
2770mm long, large timber slats, half length standard height perch backrest, single armrest



Model shown:
2610mm long x 810mm wide, large timber slats



ELEMENTS STANDARD SEATING
PICTURE FRAME SUPPORT
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports with iroko panel

ELM PF
Bench, 2010mm long x 510mm deep

ELE PF
Bench, 2610mm long x 510mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Timbers with UV protective finish

ELEMENTS XL SEATING
PICTURE FRAME SUPPORT
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports with iroko panel

EXM PF
Bench, 2160mm long x 675mm deep

EXE PF
Bench, 2770mm long x 675mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s), standard or high
- Perch-top to standard height backrest
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Rubber feet for freestanding seats
- Timbers with UV protective finish

ELEMENTS TABLE
PICTURE FRAME SUPPORT
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports with iroko panel

ELE ST 200 PF
2000mm long x 810mm wide x 800mm high

ELE ST 260 PF
2600mm long x 810mm wide x 800mm high

ELE WT 200 PF
2000mm long x 960mm wide x 800mm high

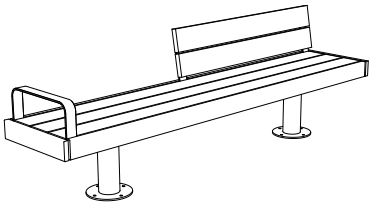
ELE WT 260 PF
2600mm long x 960mm wide x 800mm high

OPTIONS:
- Other timber slat sizes & orientation
- Steel fascia
- Alternative materials / finishes to supports
- Rubber feet for freestanding tables
- Timbers with UV protective finish
- Hole in top for umbrella stem

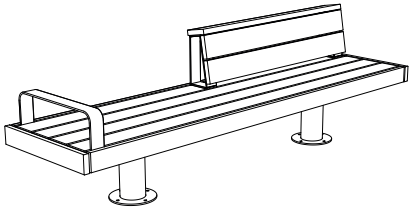
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ELEMENTS® POST SUPPORT

Model shown:
2450mm long, large timber slats, half length backrest, single armrest



Model shown:
2450mm long, large timber slats, half length standard height perch backrest, single armrest



ELEMENTS STANDARD SEATING
POST SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports

ELM PS
Bench, 1850mm long x 510mm deep

ELE PS
Bench, 2450mm long x 510mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Timbers with UV protective finish

ELEMENTS XL SEATING
POST SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports

EXM PS
Bench, 2015mm long x 675mm deep

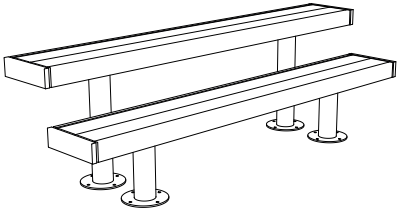
EXE PS
Bench, 2615mm long x 675mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s), standard or high
- Perch-top to standard height backrest
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Rubber feet for freestanding seats
- Timbers with UV protective finish

© Furnitubes Ref: S-803-03-18

ELEMENTS® POST SUPPORT

Models shown:
2450mm long, large timber slats, high & low benches



ELEMENTS NARROW BENCH
POST SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports

ELM NBL
Bench, 450mm high x 1850 long x 360mm deep

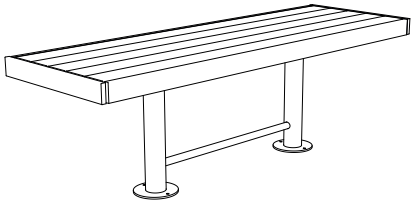
ELE NBL
Bench, 450mm high x 2450 long x 360mm deep

ELM NBH
Bench, 750mm high x 1850 long x 360mm deep

ELE NBH
Bench, 750mm high x 2450 long x 360mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Anti-skate
- Steel fascia
- Alternative materials / finishes to supports
- Timbers with UV protective finish

Model shown:
2450mm long x 810mm wide, large timber slats



ELEMENTS TABLE
POST SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports

ELE ST 200 PS
Bench, 1850mm long x 810mm wide

ELE ST 260 PS
Bench, 2450mm long x 810mm wide

ELE WT 200 PS
Bench, 1850mm long x 960mm wide

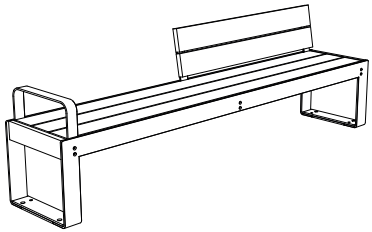
ELE WT 260 PS
Bench, 2450mm long x 960mm wide

OPTIONS:
- Other timber slat sizes & orientation
- Steel fascia
- Alternative materials / finishes to supports
- Timbers with UV protective finish

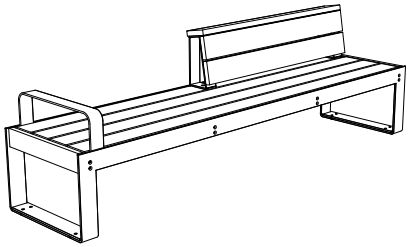
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ELEMENTS® GOALPOST

Model shown:
2480mm long, large timber slats, half length backrest, single armrest



Model shown:
2645mm long, large timber slats, half length standard height perch backrest, single armrest



ELEMENTS STANDARD SEATING
GOALPOST SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports with iroko end panel

ELM GF3
Bench, 1880mm long x 480mm deep

ELE GF4
Bench, 2480mm long x 480mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Timbers with UV protective finish

ELEMENTS XL SEATING
GOALPOST SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports with iroko end panel

EXM GF3
Bench, 2045mm long x 630mm deep

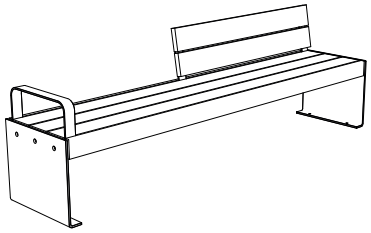
EXE GF4
Bench, 2645mm long x 630mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s), standard or high
- Perch-top to standard height backrest
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Rubber feet for freestanding seats
- Timbers with UV protective finish

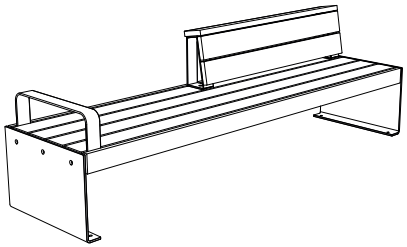
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ELEMENTS® PLATE END

Model shown:
2430mm long, large timber slats, half length backrest, single armrest



Model shown:
2580mm long, large timber slats, half length standard height perch backrest, single armrest



ELEMENTS STANDARD SEATING
PLATE END SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports

ELM PE
Bench, 1830mm long x 510mm deep

ELE PE
Bench, 2430mm long x 510mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Timbers with UV protective finish

ELEMENTS XL SEATING
PLATE END SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports

EXM PE
Bench, 1980mm long x 675mm deep

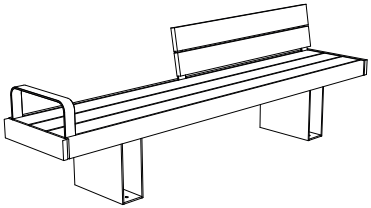
EXE PE
Bench, 2580mm long x 675mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s), standard or high
- Perch-top to standard height backrest
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Rubber feet for freestanding seats
- Timbers with UV protective finish

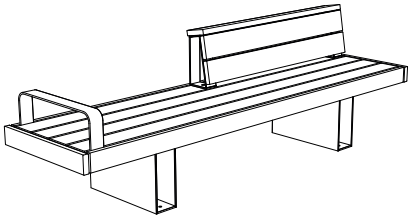
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ELEMENTS® OPEN BOX

Model shown:
2450mm long, large timber slats, half length backrest, single armrest



Model shown:
2615mm long, large timber slats, half length standard height perch backrest, single armrest



ELEMENTS STANDARD SEATING
OPEN BOX SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports

ELM BX
Bench, 1850mm long x 510mm deep

ELE BX
Bench, 2450mm long x 510mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Timbers with UV protective finish

ELEMENTS XL SEATING
OPEN BOX SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports

EXM BX
Bench, 2015mm long x 675mm deep

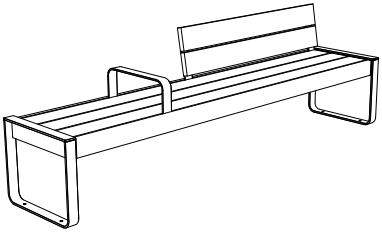
EXE BX
Bench, 2615mm long x 675mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s), standard or high
- Perch-top to standard height backrest
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Rubber feet for freestanding seats
- Timbers with UV protective finish

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ELEMENTS® OPEN FRAME

Model shown:
2530mm long, large timber slats, half length backrest, single armrest



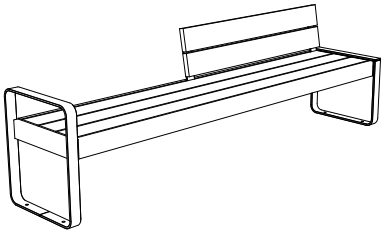
ELEMENTS STANDARD SEATING
OPEN FRAME SUPPORTS (NO ARMS)
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports with iroko end panel

ELM OF
Bench, 1930mm long x 510mm deep

ELE OF
Bench, 2530mm long x 510mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Intermediate armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Timbers with UV protective finish

Model shown:
2530mm long, large timber slats, half length backrest, integral armrest at one end only



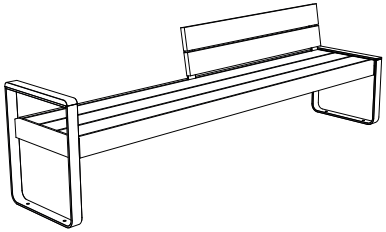
ELEMENTS STANDARD SEATING
OPEN FRAME SUPPORTS WITH ARM
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports with iroko end panel

ELM OFA
Bench, 1930mm long x 510mm deep

ELE OFA
Bench, 2530mm long x 510mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Intermediate armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Timbers with UV protective finish

Model shown:
2530mm long, large timber slats, half length backrest, integral armrest with timber armpad at one end only



ELEMENTS STANDARD SEATING
OPEN FRAME SUPPORTS WITH ARMPAD
Galvanised steel chassis with iroko slats & fascias
Galvanised steel supports with iroko end panel

ELM OFT
Bench, 1930mm long x 510mm deep

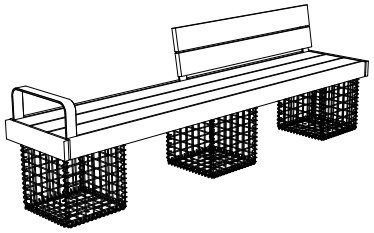
ELE OFT
Bench, 2530mm long x 510mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Intermediate armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Alternative materials / finishes to supports
- Timbers with UV protective finish

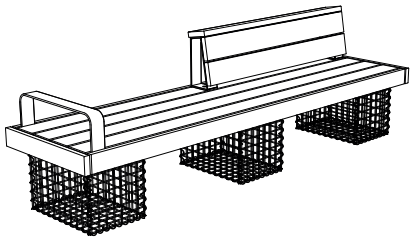
© Furnitubes Ref: S-807-02-18

ELEMENTS® GABION BASKET

Model shown:
2450mm long, large timber slats, half length backrest, single armrest



Model shown:
2615mm long, large timber slats, half length standard height perch backrest, single armrest



ELEMENTS STANDARD SEATING
GABION BASKET SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Gabion basket supports and connecting sub-frame, all galvanised steel.
(Gabion aggregate fill not supplied as standard)

ELM GB
Bench (2 gabion baskets), 1850mm long x 510mm deep

ELE GB
Bench (3 gabion baskets), 2450mm long x 510mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Gabion fill, 50-75mm Scottish beach cobbles for on-site filling
- Timbers with UV protective finish

ELEMENTS XL SEATING
GABION BASKET SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Gabion basket supports and connecting sub-frame, all galvanised steel.
(Gabion aggregate fill not supplied as standard)

EXM GB
Bench (2 gabion baskets), 2015mm long x 675mm deep

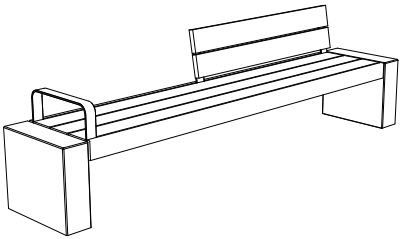
EXE GB
Bench (3 gabion baskets), 2615mm long x 675mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s), standard or high
- Perch-top to standard height backrest
- Armrest(s)
- Anti-skate
- Tablet surface
- Steel fascia
- Gabion fill, 50-75mm Scottish beach cobbles for on-site filling
- Timbers with UV protective finish

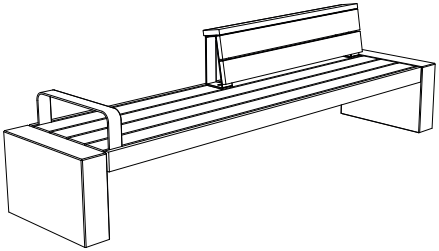
© Furnitubes Ref: S-808-03-18

ELEMENTS® CONCRETE BLOCK

Model shown:
2710mm long, large timber slats, half length backrest, single armrest



Model shown:
2860mm long, large timber slats, half length standard height perch backrest, single armrest



ELEMENTS STANDARD SEATING
CONCRETE BLOCK SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Concrete block supports (weight 75kgs per support)

ELM CB
Bench, 2110mm long x 510mm deep

ELE CB
Bench, 2710mm long x 510mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Armrest(s)
- Anti-skate
- Tablet surface
- Timbers with UV protective finish
- Further standard concrete colour mixes and finishes (refer to Furnitubes' Concrete Seating brochure for options)
- Sealant and anti-graffiti coatings to concrete

ELEMENTS XL SEATING
CONCRETE BLOCK SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Concrete block supports (weight 100kgs per support)

EXM CB
Bench, 2260mm long x 675mm deep

EXE CB
Bench, 2860mm long x 675mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s), standard or high
- Perch-top to standard height backrest
- Armrest(s)
- Anti-skate
- Tablet surface
- Timbers with UV protective finish
- Further standard concrete colour mixes and finishes (refer to Furnitubes' Concrete Seating brochure for options)
- Sealant and anti-graffiti coatings to concrete

SELECTED STANDARD CONCRETES MIXES / FINISHES
Shown here are our most popular mixes and finishes for concrete blocks. An acid etched finish is a very finely-textured surface revealing the fines and lightly exposing aggregates. A dressed finish is a flat matt surface with minimal dressing of the 'as struck' cast surfaces. Swatches shown should be considered indicative only. Please contact us to obtain samples to ensure that you specify and order the desired colour mix and finish. Custom mixes can be offered for large volumes.



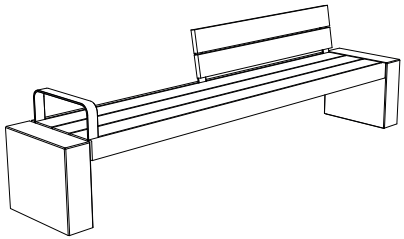
ACID ETCHED FINISH

DRESSED FINISH

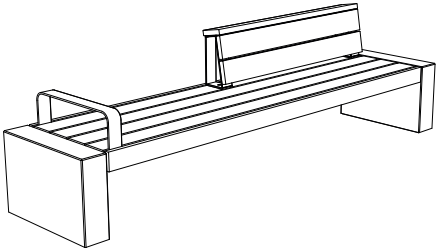
© Furnitubes Ref: S-809-03-18

ELEMENTS® GRANITE BLOCK

Model shown:
2710mm long, large timber slats, half length backrest, single armrest



Model shown:
2860mm long, large timber slats, half length standard height perch backrest, single armrest



ELEMENTS STANDARD SEATING
GRANITE BLOCK SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Granite block supports (weight 100kgs per support)

ELM GR
Bench, 2110mm long x 510mm deep

ELE GR
Bench, 2710mm long x 510mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s)
- Armrest(s)
- Anti-skate
- Tablet surface
- Timbers with UV protective finish

ELEMENTS XL SEATING
GRANITE BLOCK SUPPORTS
Galvanised steel chassis with iroko slats & fascias
Granite block supports (weight 125kgs per support)

EXM GR
Bench, 2260mm long x 675mm deep

EXE GR
Bench, 2860mm long x 675mm deep

OPTIONS:
- Other timber slat sizes & orientation
- Backrest(s), standard or high
- Perch-top to standard height backrest
- Armrest(s)
- Anti-skate
- Tablet surface
- Timbers with UV protective finish

GRANITE COLOURS / FINISHES
Our standard range is shown here. Swatches shown should be considered indicative only. Please contact us to obtain samples to ensure that you specify and order the desired material colouration and finish.

SILVER GREY **MID GREY** **CRYSTAL BLACK**



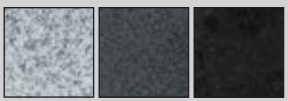
FLAMED FINISH

SILVER GREY **MID GREY** **CRYSTAL BLACK**



HONED FINISH

SILVER GREY **MID GREY** **CRYSTAL BLACK**



POLISHED FINISH

© Furnitubes Ref: S-810-03-18

Case study: Dreamland, Margate

Following a major redevelopment in 2017 Dreamland has become a popular attraction in the seaside town of Margate, Kent. As well as vintage-themed rides and traditional fairground favourites such as a big wheel, waltzers and dodgems, Dreamland offers a programme of music at the new main stage, with a capacity of 15,000 for major events, all set within well-planted landscaped grounds. Public seating provision within the Dreamland site therefore needed to satisfy its varied uses and be movable between different areas, depending on which events are taking place. Elements XL benches were the ideal choice for Dreamland, being deep enough to be stable without fixing down (and also allowing sitting on from both sides) and heavy enough to not be readily moved by the public. Plate end support versions were chosen as this allowed a stencil form of the Dreamland logo to be laser cut for brand reinforcement. The plates were supplied in Corten steel, chemically weathered and sealed to prevent oxidation wash-off onto the paving and staining on clothes.







© Furnitubes Ref: S-869-01-18





Scheme design & photography by Allen Scott Landscape Architecture, photo © 2016
Construction by Blakedown Landscapes



© Furnitubes Ref: S-052-07-18







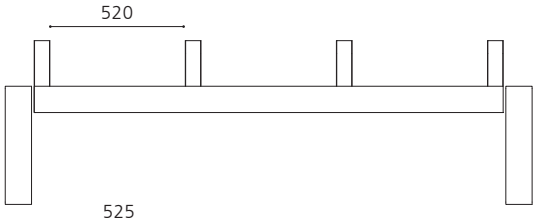
© Furnitubes Ref: S-320-05-20

Armrests

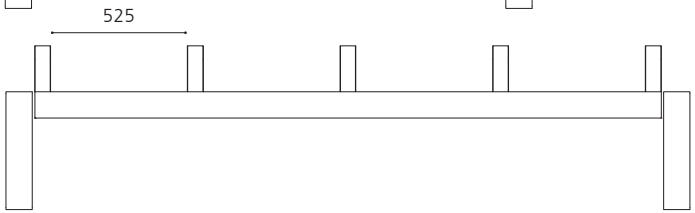
Armrests are very useful to elderly and less mobile people in particular, aiding them in both lowering themselves and alighting from seats. Elements allows armrests to be bolted onto the seat chassis at any of the predetermined positions, dividing the seat into standard widths for individual seat segments, dimensioned as shown below for each of the chassis sizes. Consideration should be given to how the armrest best benefits seat users; for example not having an armrest at one end of the seat may allow wheelchair users to more readily manouevre themselves from their chair onto the seat. Three basic styles of armrest are offered, as shown on the next page. Armrests stand 150mm above the seating platform (175mm when including a timber armpad) and on Elements Standard seating range are 50mm wide, and 80mm wide for Elements XL versions. An added benefit of armrests is that they can also serve as an effective anti-skate function.

ELEMENTS®
Standard seating

1830mm long chassis (3 person)

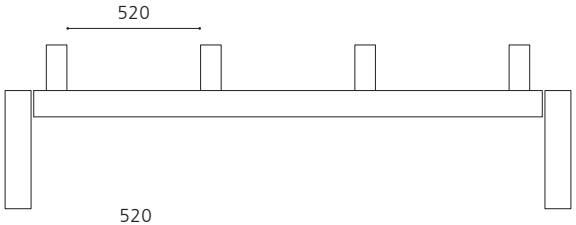


2430mm long chassis (4 person)

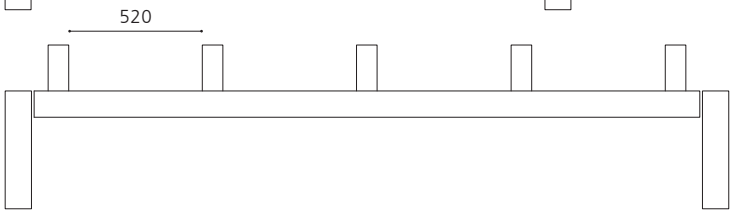


ELEMENTS®
XL seating

1980mm long chassis (3 person)



2580mm long chassis (4 person)



© Furnitubes Ref: S-053-09-18

ELEMENTS® ARMRESTS



Example armrests:
(shown on Elements Standard range)

Independent armrest - steel only
The standard armrest with rounded corners, typically specified in the material and finish to match the other steelwork used on the seat supports



Independent armrest - steel armrest + timber armpad
An adaption of the standard armrest, with square top corners for fixing of a timber armpad for added comfort.



Integrated armrest + backrest - steel only
Where a backrest is also required, the armrest can be integrated with the backrest support.

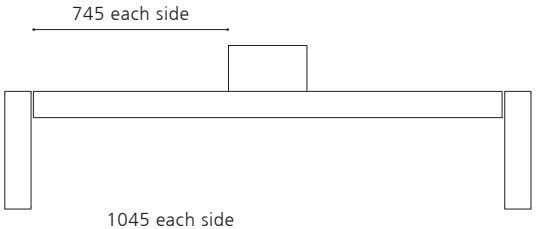
© Furnitubes Ref: S-811-01-18

Side-table 'tablets'

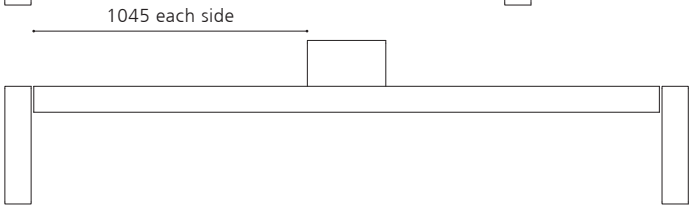
A 'tablet' - a small side-table that serves as a large armrest and as a surface on which to place food and drink, a book, or even a tablet computer - is an optional add-on to both Elements Standard and XL seating ranges. The surface is 300mm wide and the full depth of the seating platform, and are available either as a single piece steel construction, usually finished to match the visible steelwork on other parts of the seat, or with the addition of timber slats, usually in the same profile options as used on the seat platform, but always orientated in a front-to-back arrangement. Tablets stand 150mm high above the seating level (all-steel version, and 175mm for the timber-topped option) and are centrally positioned, effectively dividing the seat area into two parts, the dimensions and implications of which are shown below.

ELEMENTS® Standard seating

1830mm long chassis
Adding a tablet makes the seating platform usable by only 1 person on each side

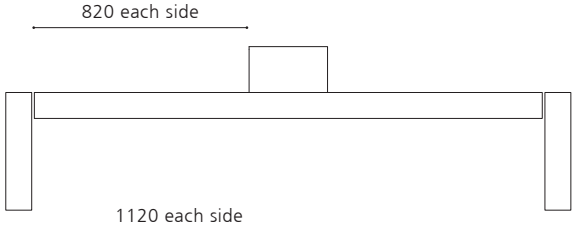


2430mm long chassis
Maintains space enough for 2 people each side of the tablet

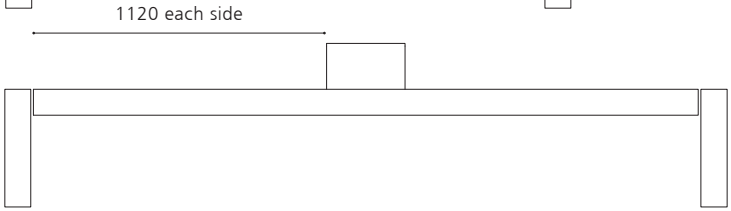


ELEMENTS® XL seating

1980mm long chassis
Adding a tablet makes the seating platform usable by only 1 person on each side



2580mm long chassis
Maintains space enough for 2 people each side of the tablet



© Furnitubes Ref: S-311-05-18



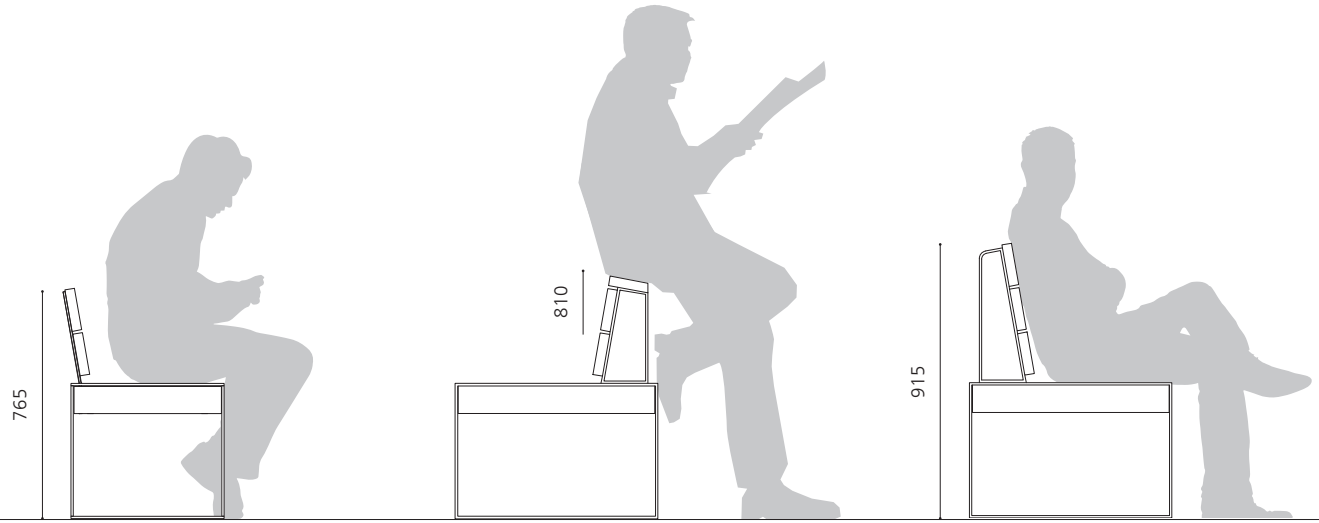




© Furnitubes Ref: S-812-01-18

Backrests

As with armrests, backrests can be provided for any number of standard seat divisions, which can dramatically change the functionality and aesthetics of the product. Retaining a section of the seat without a backrest provides a double aspect to that part of the seat. Furthermore, backrests can be used on opposite sides (providing they are offset from one another) to offer outlooks in two directions. The backrest timbers are offered in the same small, medium and large component sizes as used for the seat platform assembly. Available in a side-to-side layout only, the backrest slats are generally matched with the seat slat sizes for a coordinated appearance. With the introduction of the XL range of Elements, two backrest heights are now offered and also a top board for perch seating from the rear.



Standard height backrest

At approximately 300mm high, the standard height backrest is available on both Elements Standard and XL seating, and is perfectly suitable for most applications. This backrest provides good support to the sitter's lower back, and when not in use, doesn't create a too signifcant visual intrusion. The backrest projects slightly beyond the back edge of the seat.

Standard height backrest with perch-top

On XL version seating only, the backrest can have an additional slat added across the top, at a height that makes it useful for perching on from the rear of the seat. This encourages dual aspect seating and more informal use, which is popular with children and students in particular. The backrest is contained within the back line of the seat, allowing seperate seats to be abutted back-to-back.

High backrest

Again on XL seating only, the backrest is offered as a high version, approximately 450mm higher than the seat platform, for for greater long term comfort for the sitter. As for the standard height version, the high backrest is contained within the back line of the seat to allow seperate seats to to used in a back-to-back application. A higher backrest also makes for a greater visual presence.

© Furnitubes Ref: S-813-06-18



Example backrests:

Range: Elements Standard
Seat size: 4 person
Back size: 2 person, standard height
Position: Centred
Slat size: Small



Range: Elements Standard
Seat size: 4 person
Back size: 2 + 1 person, standard height
Positions: Offset + opposite
Slat size: Small



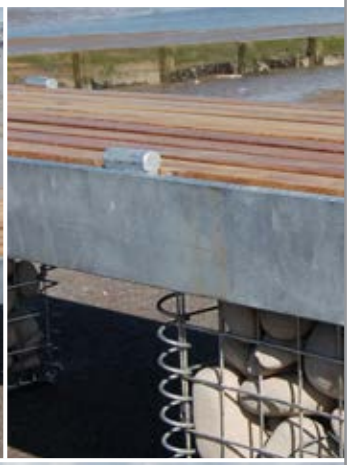
Range: Elements XL
Seat size: 4 person
Back size: 4 person, high version
Position: Full width
Slat size: Large
Backrest with integral arms

© Furnitubes Ref: S-814-01-18

Anti-skate

Skaters can very quickly damage new seating installations, especially on ‘plain’ benches without any arm or backrests which themselves can provide obstacles to skating. Where arms and backs aren’t required on seating, purpose-made anti-skate devices can be fitted into any standard arm / backrest position, providing an upstand above the fascia board to inhibit skating. Two types of anti-skate are available for the Elements range, to suit fitment behind either a timber or steel fascia to the seating platform. Anti-skate devices are available as add-on extras to both Elements Standard and Elements XL seating ranges.



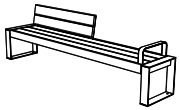
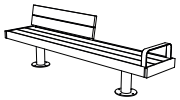
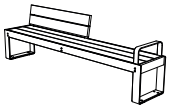
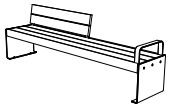
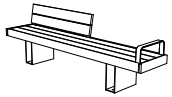
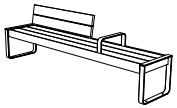
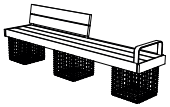
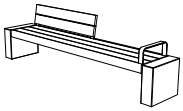
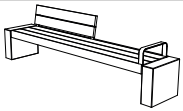





© Furnitubes Ref: S-815-06-18

Summary

The table below shows a summary of the seating and tables available across the whole Elements range, to help identify which options are best suited to your scheme, particularly where different forms but a coordinated style is required. When you have decided which is most suitable for your scheme, let us know the features required on each product - by using the forms on the following pages, or by phoning us so we can do this for you - and we can then prepare visualisations of your chosen assemblies for you to check.

SEATING / TABLE PLATFORM SUPPORT		STANDARD SEATING	XL SEATING	NARROW BENCH	TABLE
ELEMENTS® **Picture Frame supports**		●	●	–	●
ELEMENTS® **Post supports**		●	●	●	●
ELEMENTS® **Goalpost supports**		●	●	–	–
ELEMENTS® **Plate End supports**		●	●	–	–
ELEMENTS® **Open Box supports**		●	●	–	–
ELEMENTS® **Open Frame supports**		●	–	–	–
ELEMENTS® **Gabion Basket supports**		●	●	–	–
ELEMENTS® **Concrete Block supports**		●	●	–	–
ELEMENTS® **Granite Block supports**		●	●	–	–

© Furnitubes Ref: S-816-02-18

ELEMENTS STD + XL SEATING

Please use this form to select the specification you require for your Elements seat. Once completed, simply send it to us and we will provide you with a quotation and 3D drawing of the product assembly by return. If you would like to consider more than one option please send multiple forms, or call us to discuss.

Please send completed forms to:
email: **sales@furnitubes.com** or
fax: **0208 378 3250**

Name:

Company:

Tel:

Email:

Project name:

Quantity required:

SEAT PLATFORM:

Range:
☐ Standard ☐ XL

Length:
☐ 3 person ☐ 4 person

Seat slat size:
☐ Small ☐ Medium ☐ Large

Seat slat layout:
☐ Side-to-side ☐ Front-to-back

Timber finish:
☐ Untreated ☐ UV protective finish

Fascias:
☐ Timber
☐ Steel, galvanised finish
☐ Steel, galv + PPC RAL: _____
☐ Stainless steel:
☐ G304 ☐ Grade 316
☐ Satin ☐ Bright polished

Anti-skate:
☐ Anti-skate required?

ARMRESTS: (optional)
☐ Steel, galvanised finish
☐ Steel, galv + PPC RAL: _____
☐ Stainless steel:
☐ G304 ☐ Grade 316
☐ Satin ☐ Bright polished
☐ Timber arm pad

BACKRESTS - slat size: (optional)
☐ Small ☐ Medium ☐ Large

TABLET: (optional)
☐ Steel ☐ Steel + timber

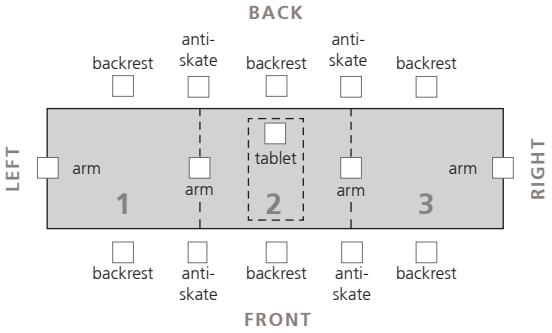
Slat size: (steel + timber tablet only)
☐ Small ☐ Medium ☐ Large

SEAT SUPPORTS:
☐ **Picture frame** ☐ **Post**
☐ **Goalpost** ☐ **Plate end**
☐ **Open box** ☐ **Open frame***
☐ Steel, galvanised finish
☐ Steel, galv + PPC RAL: _____
☐ Stainless steel:
☐ G304 ☐ Grade 316
☐ Satin ☐ Bright polished
☐ Corten steel
(Open box & Plate end only)
☐ **Concrete block:**
Mix ref: _____
Finish: _____
☐ **Granite block:**
Colour: _____
Finish: _____
☐ **Gabion basket:**
☐ c/w Scottish cobbles for infill?

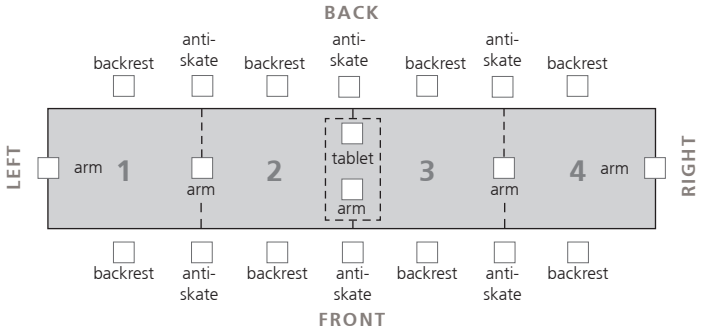
***** Open Frame supports not available for Elements XL seating

If you have selected armrests, backrests or anti-skate devices, please tick the boxes on the relevant diagram to indicate their positions. Note: anti-skate devices are not required when armrests are used, as the armrest itself generally serves this function. A tablet alone may also discourage skaters.

3 PERSON SEAT PLATFORM (plan diagram)



4 PERSON SEAT PLATFORM (plan diagram)



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ELEMENTS NARROW BENCH

Please use this form to select the bench specification you require and send details to:

email: **sales@furnitubes.com** or

fax: **0208 378 3250**

Name:

Company:

Tel:

Email:

Project name:

Quantity required:

BENCH PLATFORM:

Height: ☐ Low ☐ High

Length: ☐ 1850 ☐ 2450

Slat size:

☐ Small ☐ Medium ☐ Large

Slat layout:

☐ Side-to-side ☐ Front-to-back

Timber finish:

☐ Untreated ☐ UV protective finish

Anti-skate:

☐ Anti-skate required?

Fascias:

☐ Timber

☐ Steel, galvanised finish

☐ Steel, galv + PPC RAL: _____

Stainless steel:

☐ G304 ☐ Grade 316

☐ Satin ☐ Bright polished

BENCH POST SUPPORTS:

☐ Steel, galvanised finish

☐ Steel, galv + PPC RAL: _____

☐ Stainless steel:

☐ G304 ☐ Grade 316

☐ Satin ☐ Bright polished

ELEMENTS TABLE

Please use this form to select the table specification you require and send details to:

email: **sales@furnitubes.com** or

fax: **0208 378 3250**

Name:

Company:

Tel:

Email:

Project name:

Quantity required:

TABLE PLATFORM:

Table top length:

☐ 3 person / side ☐ 4 person / side

Table top width:

☐ Std, 810mm ☐ Wide, 960mm

Table top slat size:

☐ Small ☐ Medium ☐ Large

Table top slat layout:

☐ Side-to-side ☐ Front-to-back

Table top side fascias:

☐ Timber

☐ Steel, galvanised finish

☐ Steel, galv + PPC RAL: _____

Stainless steel:

☐ G304 ☐ Grade 316

☐ Satin ☐ Bright polished

Timber finish:

☐ Untreated ☐ UV protective finish

TABLE SUPPORTS:

☐ **Picture frame** ☐ **Post**

☐ Steel, galvanised finish

☐ Steel, galv + PPC RAL: _____

Stainless steel:

☐ G304 ☐ Grade 316

☐ Satin ☐ Bright polished

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© Furnitubes Ref: S-818-01-18







© Furnitubes Ref: S-819-01-18







Two bench heights for multiple configurations

The Elements narrow bench range has been designed for maximum flexibility, and with the end-user in mind. The range is particularly suitable for schools and colleges, but can be configured for any scheme. The narrow width benches are available in two heights. They can be placed to complement other seats and tables from the range, or used independently. However, the full benefit delivered by this design is only apparent when the two bench heights are used together. The high and low bench can form two tier seating; alternatively, the high bench can be used as a table in this arrangement. If the high bench is fixed across the low bench it forms a wide table – perfect for books, food, or a tablet computer. Indeed there is space for all three, and the narrow width of this bench means it is comfortable for straddling, which is perfect for studying. As for other Elements seats, the narrow bench range is available in a choice of timber slat sizes and arrangements. The standard support to the bench platform is the post-type, which is available in a number of material and finish options

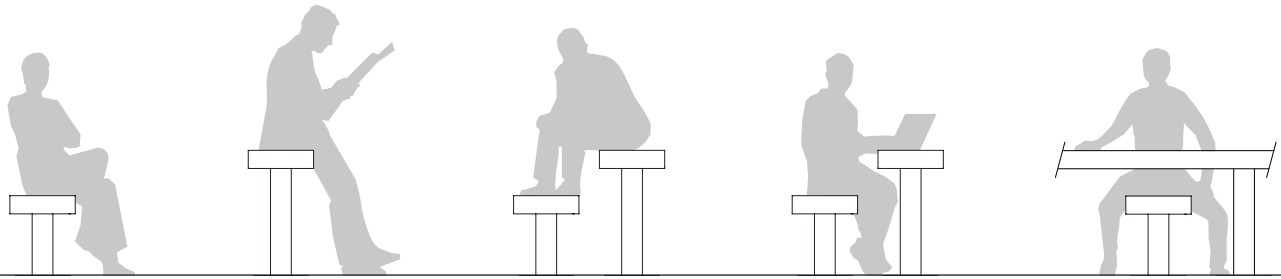
© Furnitubes Ref: S-314-06-18

Outdoor social and teaching spaces

Elements benches are ideal for arranging in a way that encourages people to socialise. Outdoor seating is often placed in a disparate fashion, and this is usually a function of the design. But the Elements range is specifically designed to make it easy to bolt units together. Because of this feature, the benches can be configured in many ways, as appropriate to benefit the people who will use them. In an educational setting, for example, the benches can be arranged in a squared amphitheatre, as shown in this illustration. Two tier benches maximise the use of space to create a teaching area ideal for lessons or tutorials out in the fresh air.



Multiple seating positions



Low bench
The low level bench can be used independently as a conventional height narrow width bench providing a simple and comfortbale seating solution.

High bench
The high level bench is ideal as a short term rest point, to be used as either as a perch -style bench or bar stool type seating provision.

2 tier bench
When suitably aligned, the low level bench can act as a foot stool to the higher bench, effectively providing a 2-tier seating arrangement.

Bench & table
Placing the low and high level benches in a parallel arrangement at a suitable offset dimension allows the high bench to be used as a small table.

Straddle bench
The narrow width of the bench allows a straddled seating position, and a high bench placed across on the opposite axis can act as a useful narrow table.

© Furnitubes Ref: S-315-04-18





© Furnitubes Ref: S-587-06-20





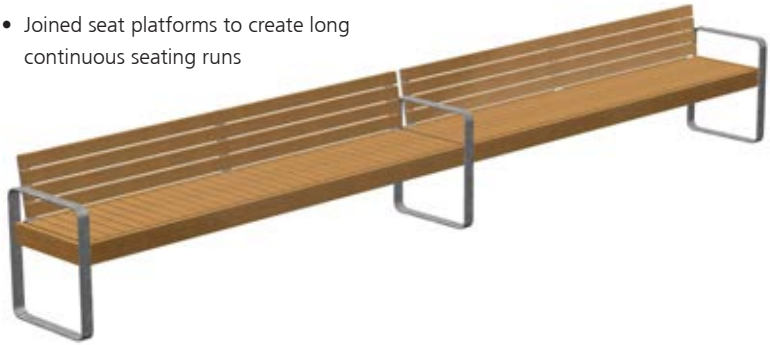


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Special configurations

Shown here are examples of how standard components can be mixed and matched, and varied to give an even greater number of assembly permutations. The flat surfaces of seat supports such as plate ends or concrete blocks also offer the possibility of displaying branding or sponsorship. Please call us to discuss how Elements' components and assembly arrangements can be specifically designed to suit your scheme.

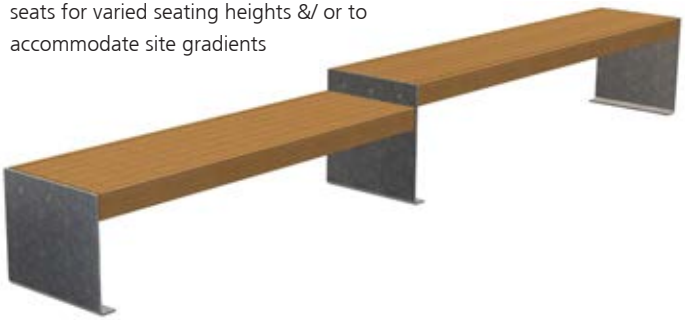
- Joined seat platforms to create long continuous seating runs





- Mixing of seat support types

- Different heights on adjacent joined seats for varied seating heights &/ or to accommodate site gradients





- Mixing of slat sizes on seats platforms & backrests

- Custom length / width seating platform & special seat supports



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ELEMENTS® BESPOKE VARIATIONS



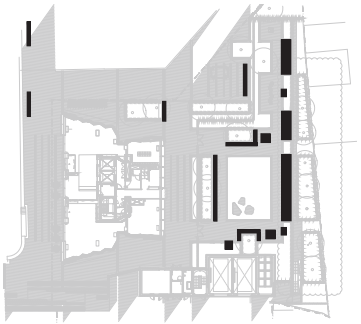




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Case study: Dollar Bay, London Docklands

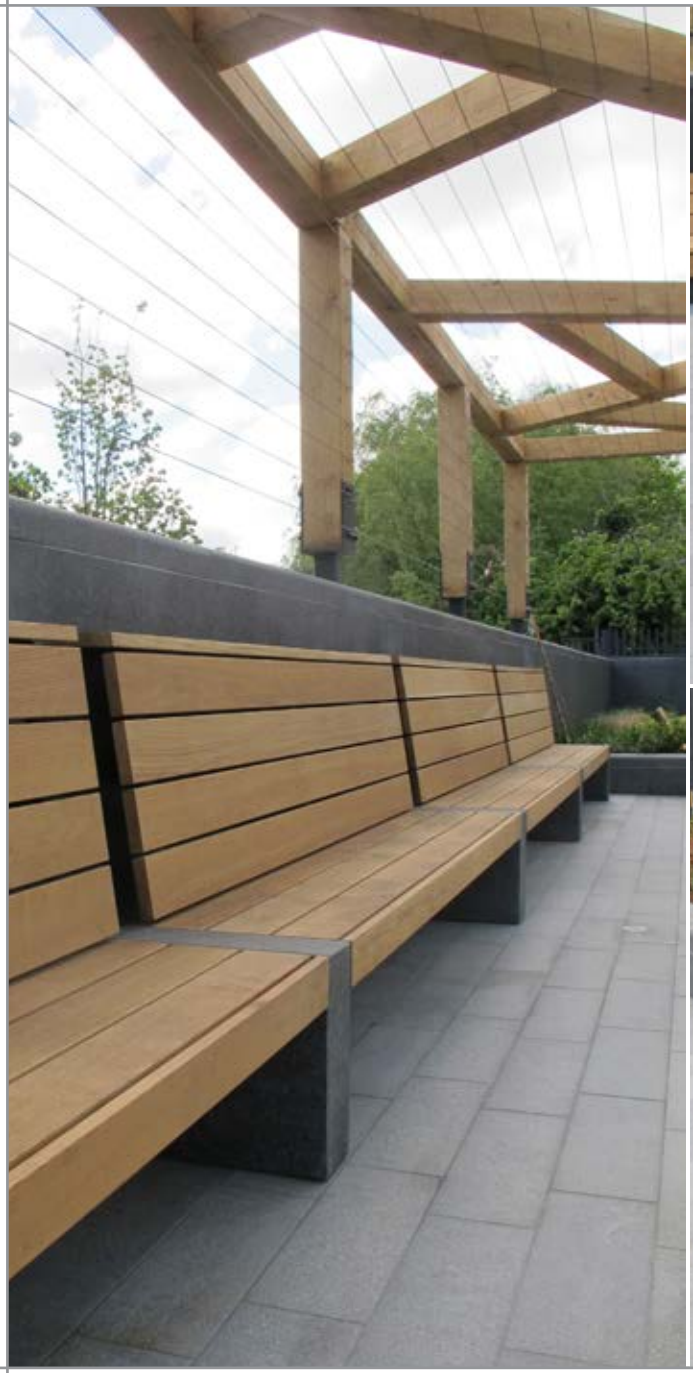
Dollar Bay is a residential development of 115 apartments and penthouses in Canary Wharf, London. Dollar Bay's prime location at the eastern end of the South Dock makes for spectacular views across the ever-changing Docklands' skyline. From the original client seating concept Furnitubes developed detailed design proposals for a variety of seating solutions to the private garden - including bench seating around raised planters and high-back linear seating beneath a pergola - and independent benches with anti-skate features to the quayside public realm, all based around the Elements seating concept. Materials used include granite for the seat supports, in a flamed finish to match the paving and walling, and European oak in an oiled finish for the seating platforms and backrests. Complementary products supplied to the scheme included bespoke recliners in two different sizes and special dimensioned versions of the standard Thetford picnic bench.







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© Furnitubes Ref: S-734-01-17

Case study: Westgate Oxford

In the year after opening, surveys showed that the Lower Mall at Westgate was achieving lower footfall than the Upper Mall. Landscape architects Gillespies were set the challenge of designing new features and spatial arrangements that would visually connect the two levels, to attract more visitors to the Lower Mall and lengthen their dwell time there. Gillespies' design proposals comprised a series of informal clusters of seating and planters, with the planters containing high towers for climbing plants that would project through to the level of the Upper Ground Mall above and make visitors more aware of the stores below.

The seating for the scheme is from Furnitubes' new Elements XL range, chosen because it is sufficiently stable to not require fixing down, because it is heavy enough to not be readily moved by the public, but can still be moved by the client if they want to rearrange the space in future. Crucially, not fixing the seating down avoided the need to drill into and permanently mark the paving. Eight 2m long seating units were supplied in total, 4 of which included simple-form bespoke backrests. The plate end supports and other exposed metalwork was in Corten, chemically weathered to achieve a visually rich-toned and varied patina, and sealed so the oxidized finish would not cause any staining issues.



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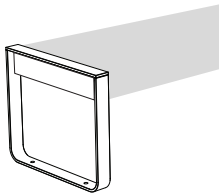


© Furnitubes Ref: S-889-01-18

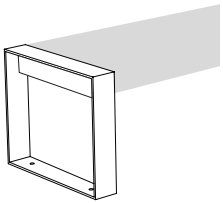
Standard bolt-down fixing

Elements range products are supplied with supports that are designed to be fixed down on top of the finished paving. Steel supports are pre-drilled for bolting down and for masonry supports we recommend fitting the studs provided into the underside of the blocks and to set these in the substrate. Such installations are the quickest and cheapest methods providing that the site is relatively level, and that the substrate is suitable for drilling and securing ground fixings into. Examples of situations and substrates that generally are not suitable for this type of installation include where there is a significant fall across length of the seat, and if substrates are unsuited to fixing into, such as macadam or small size paving blocks set on a sand base. In such cases we would suggest a below-ground installation, which is offered as an alternative option on selected support types only.

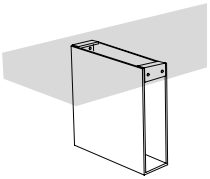
Support types suited **ONLY** to **bolt-down installation** on level ground



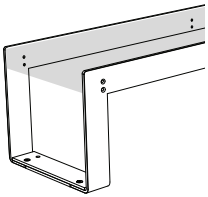
OPEN FRAME



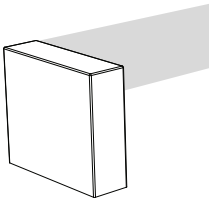
PICTURE FRAME



OPEN BOX

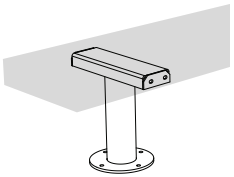


GOALPOST



CONCRETE BLOCK

Support types that can be supplied at extended heights for **below-ground installation** (available on special request)
(all illustrated as standard height versions for bolt-down installation onto finished paving)



POST

Posts can be extended in depth as a plain post, with a tie bar for keying into concrete or with a base plate for bolting down to a below ground foundation.

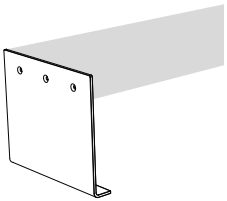
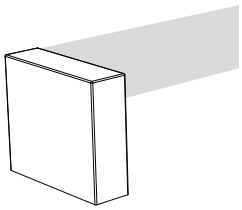


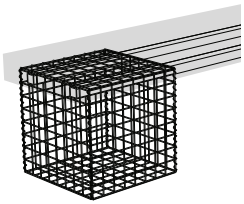
PLATE END

Plate heights can be made higher than standard, with a return fold as suits the level of the below ground foundation to bolt to, or can be concreted over to resist pull-out.



GRANITE BLOCK

Granite blocks can be cut at a height to suit the level of the below ground sub-base onto which the blocks rest / fix to. This type of installation enables a neat junction between the paving and granite blocks.



GABION BASKET

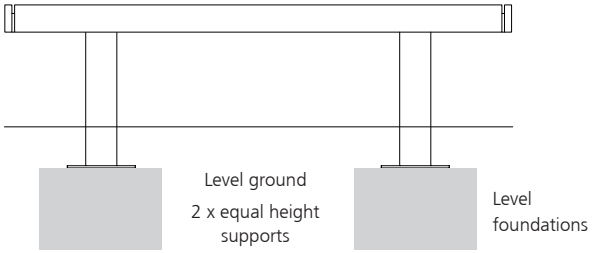
The vertical faces of the gabion mesh can extend into the ground, which would be beneficial when installed into a soft surface in particular. In a hard landscape situation though this would create a ragged joint with the surrounding paving.

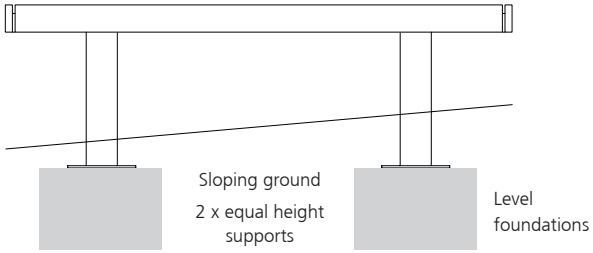
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Alternative bespoke supports and fixing methods

Where the ground slopes and / or the paving or substrate cannot be used for bolting down on to, standard version supports may not be suitable. For user comfort we would always recommend that seats and tables are set true level, with the optimum seat height of 450mm and table height of 800mm set at the mid point along the product length. Shown below are various scenarios of ground levels and foundation types, and how each can be accommodated in the design and manufacture of the seat supports. Given the variety of site conditions, we do not have a standard detail for below-ground installation of Elements products and treat all such seats as 'specials', custom-made to suit your site. Please contact Furnitubes' Design Department to discuss these options and your site in more detail so that we are able to design and supply the most appropriate solution.

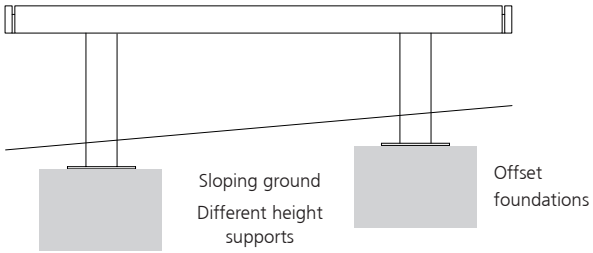
Examples show Post Supports (same principles apply for other support types)





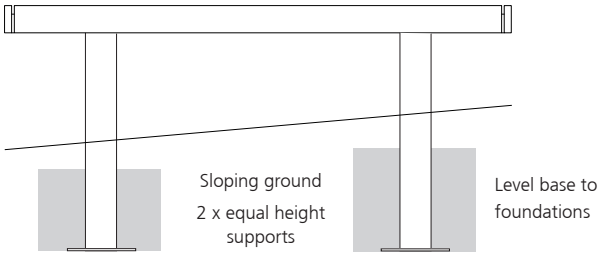
PRE-CAST FOUNDATION BLOCKS

Standard supports can be made longer to sit below ground level. Common height supports will generally suit level ground sites or sloping ground with foundation blocks set at the same level, with supports fixed as for standard bolt-down installations. Supports can be made at different heights if required. The advantage of this type of installation is that removal of the seat or table does not require complete excavation of the foundation as well.



MASS FOUNDATIONS

Extended depth supports can be set into an excavated hole and concreted poured over and around, generally meaning both supports can be made the same height. The advantages of this type of installation is that it is relatively quick and cheap, and the top of foundation levels aren't critical in terms of accuracy. The main disadvantage though is that the whole foundation needs to be excavated if the seat requires removing in future.



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Scheme design & photography by Allen Scott Landscape Architecture, photo © 2016
Construction by Blakedown Landscapes





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