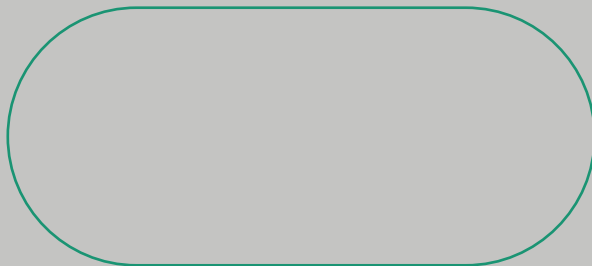
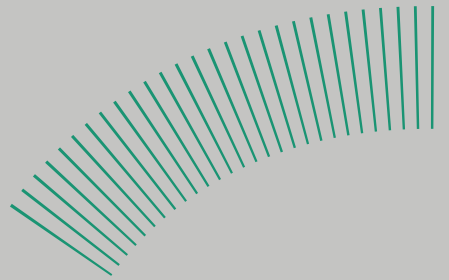
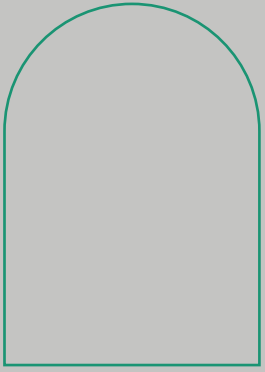
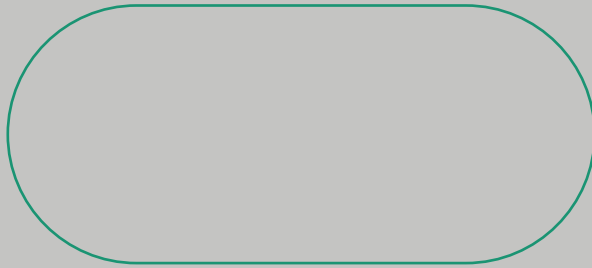
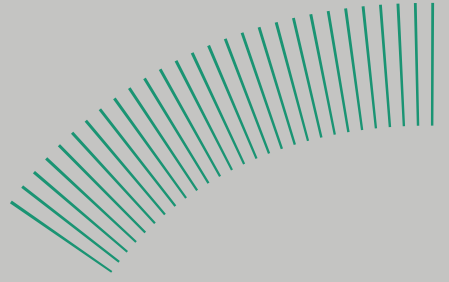
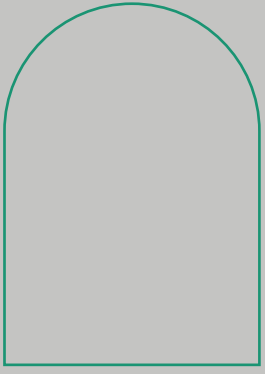


# Elements<sup>®</sup> Seating & Tables.

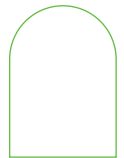
**furnitubes**  
shaping outdoor spaces





# Elements<sup>®</sup>

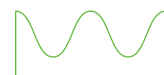
## Seating & Tables.



**Made up of a series of standard interchangeable components, Elements put you in the driver's seat with full flexibility of style, sizes, materials and features. Meet Elements<sup>®</sup>, the ultimate customisable seating solution.**

### Why Elements<sup>®</sup>?

- A wide range of styles, materials, finishes and add-ons
- 1000's of combinations: unique solutions with standard parts
- Configure a design that meets your vision and budget
- Components can be easily modified or retrofitted at any point
- Adapt the range to suit site-specific requirements



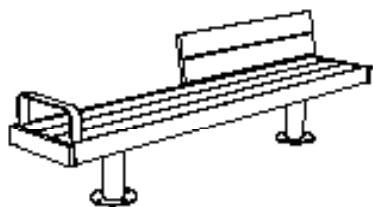
# The range.

## Mix and match to achieve your vision

### Standard seating

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

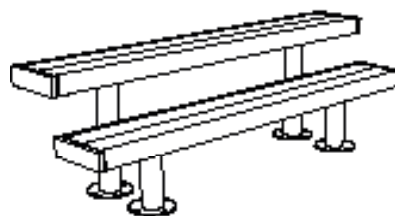
- Seating with or without backrests
- 2 length options, to accommodate 3 or 4 people
- 9 support type options
- Add-on armrests and tablets



### Narrow Benches

Narrow benches are ideal short-term seating solutions for up to 4 people:

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

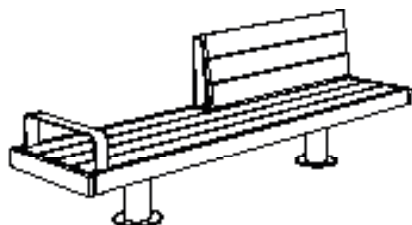


### XL seating

Bigger seating, bolder statement. Elements XL gives you double the seating capacity and a range of new seating styles and options.

Features include:

- Seating with or without backrests
- 2 length options, to accommodate 3 or 4 people
- Bench width allows perch seating from both sides
- Standard and high backrests
- Heavy duty armrests and tablets
- Allows back-to-back placement
- Improved stability, means freestanding options
- 8 support type option

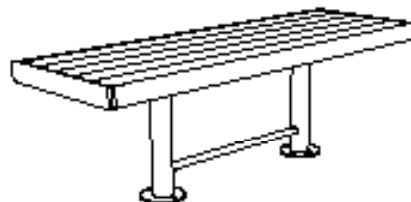


### Tables

Combine Elements® tables and seating for a coordinated suite.

Features include:

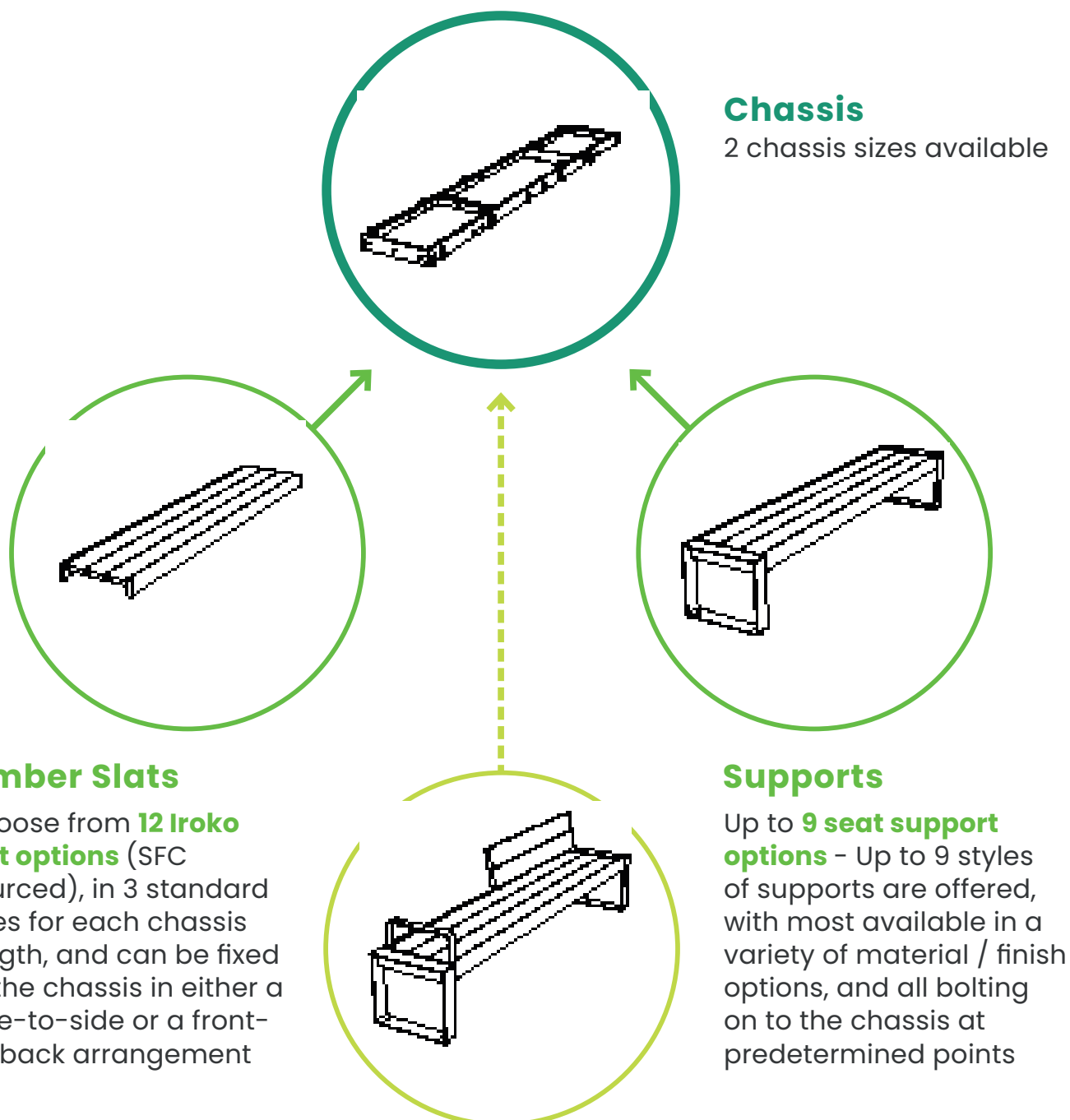
- 2 length options, to accommodate 6 or 8 people
- 2 width options, with space for dining
- 2 support type options



# How it works and What you can customise.

The chassis is at the heart of the Elements range- a robust steel frame pre-drilled for all options of slats, seat supports, armrests and backrests.

Available to fit 3 or 4 people, with measurements varying across the different ranges.



## Add-ons

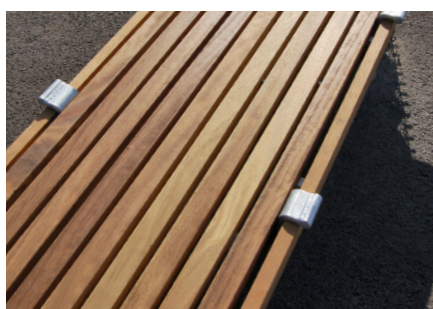
Add on accessories including: armrests, backrests and tablets

# Choose your slat style.

Choose from **3 standard timber slat** profile sizes that 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 that will achieve different looks. Go for small slats for a delicate look, large slats for a more robust look or go for medium slats for a happy balance.

## Side-to-side



**Small slats** (40mm),  
(9 no. / standard seat platform)



**Medium slats** (65mm),  
(6 no. / standard seat platform)



**Large slats** (140mm),  
(3 no. / standard seat platform)

## Front-to-back



**Small slats** (40mm),  
(36 no. / 1800mm standard seat platform)  
(48 no. / 2400mm standard seat platform)



**Medium slats** (65mm),  
(24 no. / 1800mm standard seat platform)  
(32 no. / 2400mm standard seat platform)



**Large slats** (140mm),  
(12 no. / 1800mm standard seat platform)  
(16 no. / 2400mm standard seat platform)

\*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.

# Choose your platform supports.

Combining different support types and timber slat sizes and orientation allows you to create unique configurations, from the more visually light (but very robust) combination of an Open Frame support paired with narrow width timbers to the more heavy duty appearance of Granite or Concrete ends with large timbers.

- Tables are only available with either Picture Frame or Post supports
- All **9 support options** are available for

the standard Elements range, up to **7 for Elements XL** and our Narrow bench range is available with post supports only.

- 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 predetermined fixing locations on the platform chassis.

## Open Frame



## Plate End



## Picture Frame



## Concrete Block



## Granite Block



## Post



## Open Box



## Gabion Basket



## Goalpost



# The seating.

## Elements<sup>®</sup> Standard Seating

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

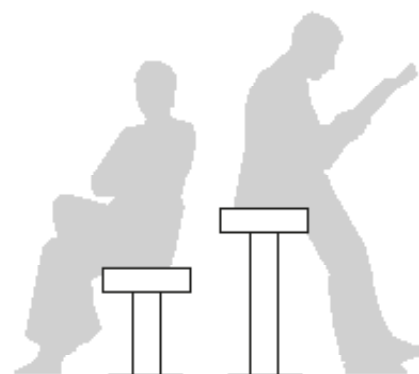
The depth of the platform on Elements Standard seating is perfect for most applications. Where space on a pavement is limited, the seating doesn't take up any unnecessary room that might cause an obstruction/hazard. Standard seating allows a full range of add-ons such as armrests, backrests and tablet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



## Elements<sup>®</sup> XL Seating

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

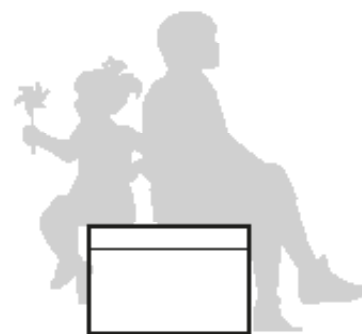
With extended platform depth, these benches can be used as perch seating simultaneously from both sides, doubling the seating capacity and stability (for freestanding options) of the Elements Standard. Bigger seating makes a bolder statement especially in large open urban spaces. As backrests do not extend outside the rear line of the supports, back-to-back seats can be directly joined.



## Elements<sup>®</sup> 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 (even more so with the high version). When standard and high benches are combined, they create a two-tier seating solution particularly popular with children. The short platform depth doesn't allow the addition of backrests.



\*All options require ground-fixing

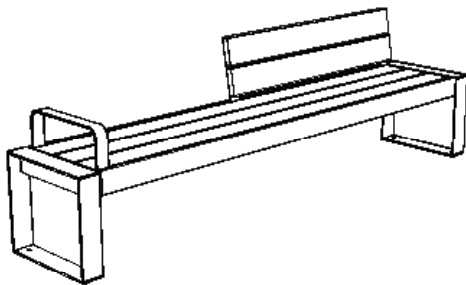


# Elements® Picture Frame.

- Triple processed steel chassis with iroko slats & fascias

- Triple processed steel supports with iroko panel

## Standard Seating



**BENCH, 2010MM LONG X 510MM DEEP**

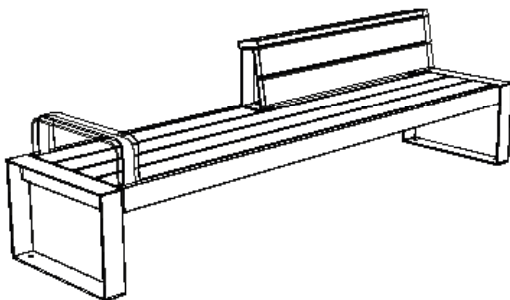
ELM PF

**BENCH, 2610MM LONG X 510MM DEEP**

ELE PF

model illustrated:  
2610mm long, large timber slats, half length backrest,  
single armrest

## XL Seating



**BENCH, 2160MM LONG X 675MM DEEP**

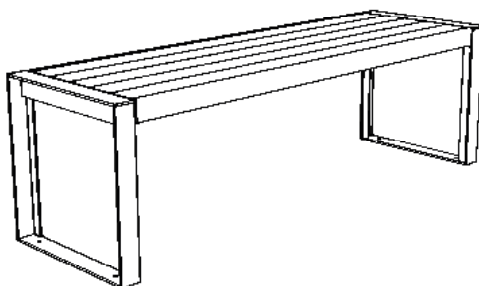
EXM PF

**BENCH, 2770MM LONG X 675MM DEEP**

EXE PF

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

## Tables



**2000MM LONG X 810MM WIDE  
X 800MM HIGH**

ELE ST 200 PF

**2600MM LONG X 810MM WIDE  
X 800MM HIGH**

ELE ST 260 PF

**2000MM LONG X 960MM WIDE  
X 800MM HIGH**

ELE WT 200 PF

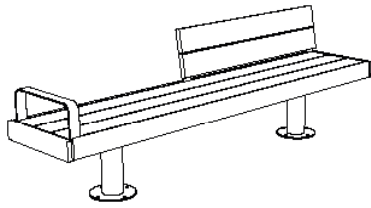
**2600MM LONG X 960MM WIDE  
X 800MM HIGH**

ELE WT 260 PF

model illustrated:  
2610mm long x 810mm wide, large timber slats

# Elements® Post Support.

## Standard Seating



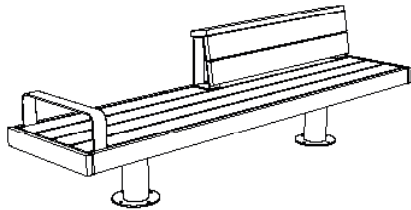
model illustrated:  
2450mm long, large timber slats, half length backrest,  
single armrest

- Triple processed steel chassis with iroko slats & fascias
- Triple processed steel supports

**BENCH, 1850MM LONG X 510MM DEEP** ELM PS

**BENCH, 2450MM LONG X 510MM DEEP** ELE PS

## XL Seating



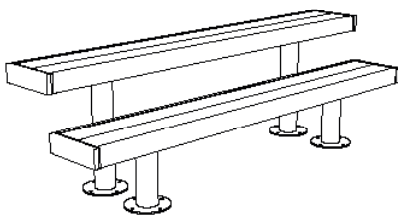
model illustrated:  
2450mm long, large timber slats, half length standard height  
perch backrest, single armrest

- Galvanised steel chassis with iroko slats & fascias
- Galvanised steel supports

**BENCH, 2015MM LONG X 675MM DEEP** EXM PS

**BENCH, 2615MM LONG X 675MM DEEP** EXE PS

## Narrow Bench



model illustrated:  
2450mm long, large timber slats, high & low benches

- Galvanised steel chassis with iroko slats & fascias
- Galvanised steel supports

**X360MM DEEP**

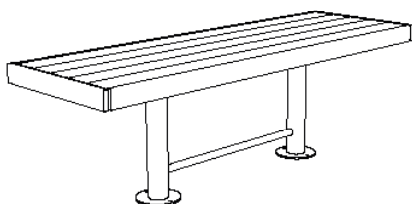
**BENCH, 450MM HIGH X 1850 LONG** ELM NBL

**BENCH, 450MM HIGH X 2450 LONG** ELE NBL

**BENCH, 750MM HIGH X 1850 LONG** ELM NBH

**BENCH, 750MM HIGH X 2450 LONG** ELE NBH

## Table



model illustrated:  
2450mm long x 810mm wide, large timber slats

- Galvanised steel chassis with iroko slats & fascias
- Galvanised steel supports

**BENCH**

**1850MM LONG X 810MM WIDE** ELE ST 200 PS

**2450MM LONG X 810MM WIDE** ELE ST 260 PS

**1850MM LONG X 960MM WIDE** ELE WT 200 PS

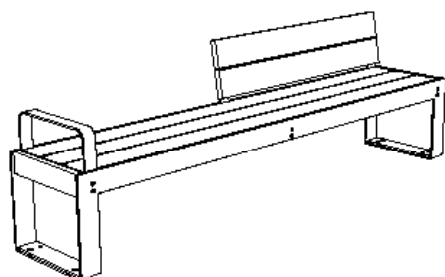
**2450MM LONG X 960MM WIDE** ELE WT 260 PS

# Elements® Goalpost.

- Triple processed steel chassis with iroko slats & fascias

- Triple processed steel supports with iroko panel

## Standard Seating



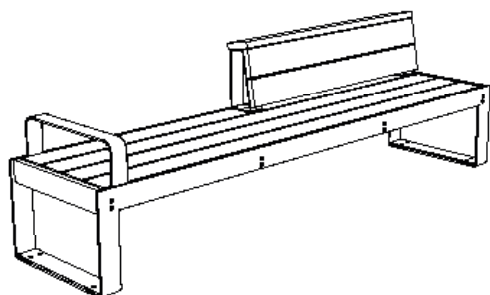
model illustrated:  
2480mm long, large timber slats, half length backrest, single armrest

**BENCH, 1880MM LONG X 480MM DEEP** ELM GF3

**BENCH, 2480MM LONG X 480MM DEEP** ELM GF4

---

## XL Seating



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

**BENCH, 2045MM LONG X 630MM DEEP** EXE GF3

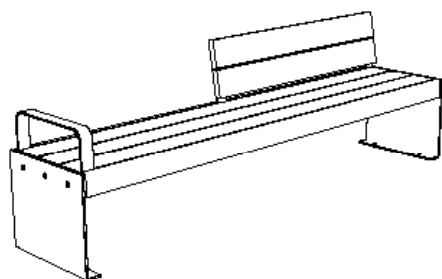
**BENCH, 2645MM LONG X 630MM DEEP** EXE GF4

# Elements® Plate End.

- Triple processed steel chassis with iroko slats & fascias

- Triple processed steel supports

## Standard Seating



model illustrated:  
2430mm long, large timber slats, half length backrest,  
single armrest

**BENCH, 1830MM LONG X 510MM DEEP**

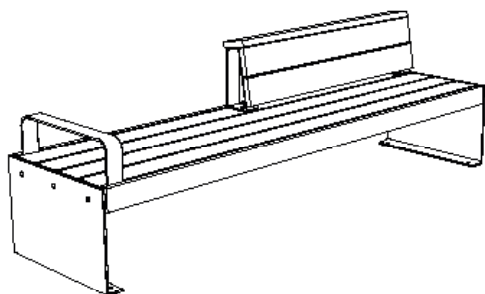
ELM PE

**BENCH, 2430MM LONG X 510MM DEEP**

ELE PE

---

## XL Seating



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

**BENCH, 1980MM LONG X 675MM DEEP**

EXM PE

**BENCH, 2580MM LONG X 675MM DEEP**

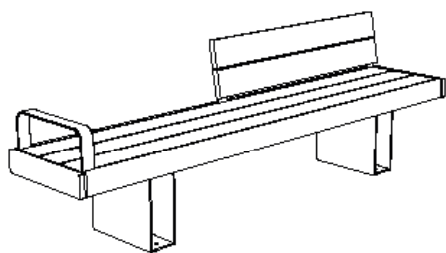
EXE PE

# Elements® Open Box.

- Triple processed steel chassis with iroko slats & fascias

- Triple processed steel supports

## Standard Seating



model illustrated:  
2450mm long, large timber slats, half length backrest, single armrest

**BENCH, 1850MM LONG X 510MM DEEP**

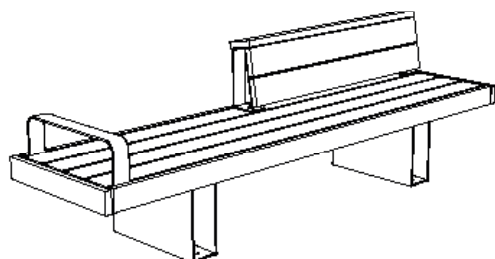
ELM BX

**BENCH, 2450MM LONG X 510MM DEEP**

ELE BX

---

## XL Seating



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

**BENCH, 2015MM LONG X 675MM DEEP**

EXM BX

**BENCH, 2615MM LONG X 675MM DEEP**

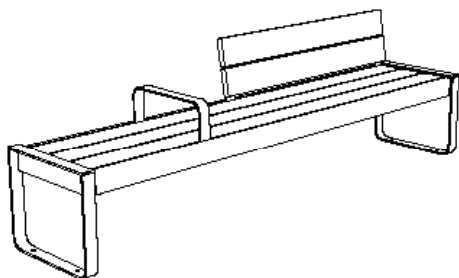
EXE BX

# Elements® Open Frame.

- Triple processed steel chassis with iroko slats & fascias

- Triple processed steel supports with iroko end panel

## Standard Seating (no arms)



model illustrated:  
2530mm long, large timber slats, half length backrest,  
single armrest

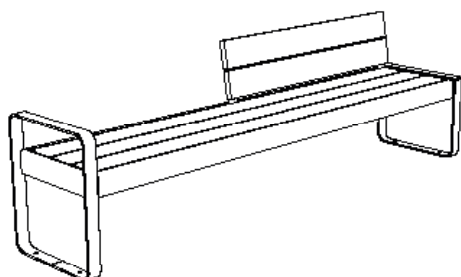
**BENCH, 1930MM LONG X 510MM DEEP**

ELM OF

**BENCH, 2530MM LONG X 510MM DEEP**

ELE OF

## Standard Seating (with arms)



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

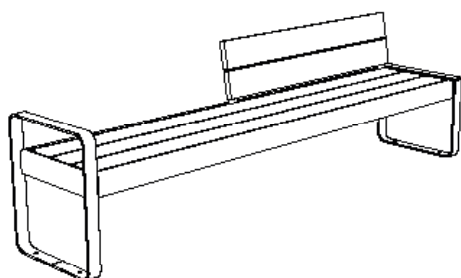
**BENCH, 1930MM LONG X 510MM DEEP**

ELM OFA

**BENCH, 2530MM LONG X 510MM DEEP**

ELE OFA

## Standard Seating (with armpad)



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

**BENCH, 1930MM LONG X 510MM DEEP**

ELM OFT

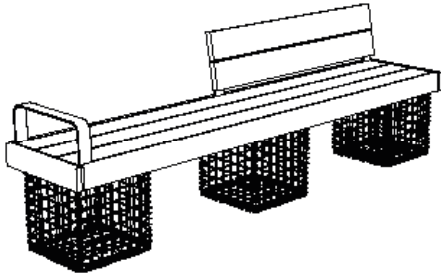
**BENCH, 2530MM LONG X 510MM DEEP**

ELE OFT

# Elements® Gabion Basket.

- Galvanised steel chassis with iroko slats & fascias
- Gabion basket supports and connecting sub-frame, all Triple processed steel.  
(Gabion aggregate fill not supplied as standard)

## Standard Seating



model illustrated:  
2450mm long, large timber slats, half length backrest,  
single armrest

**BENCH (2 GABION BASKETS),  
1850MM LONG X 510MM DEEP**

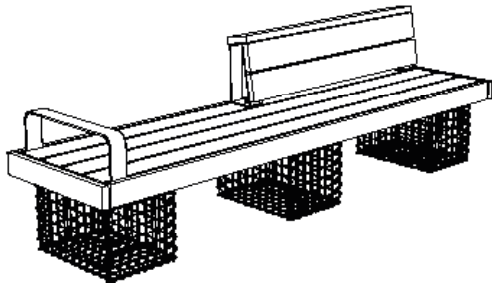
ELM GB

**BENCH (3 GABION BASKETS),  
2450MM LONG X 510MM DEEP**

ELE GB

---

## XL Seating



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

**BENCH (2 GABION BASKETS),  
2015MM LONG X 675MM DEEP**

EXM GB

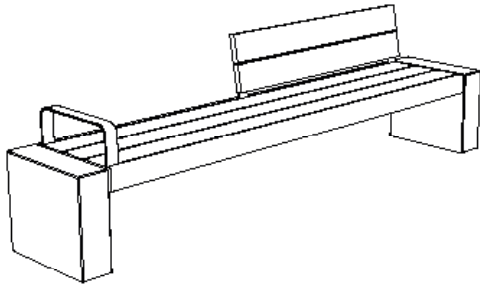
**BENCH (3 GABION BASKETS),  
2615MM LONG X 675MM DEEP**

EXE GB

# Elements® Concrete Block.

- Triple processed steel chassis with iroko slats & fascias

## Standard Seating



model illustrated:  
2710mm long, large timber slats, half length backrest, single armrest

- Concrete block supports (weight 75kgs per support)

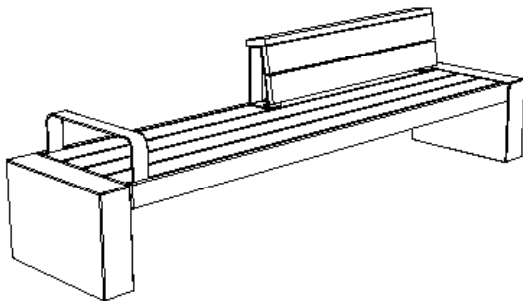
**BENCH, 2110MM LONG X 510MM DEEP**

ELM CB

**BENCH, 2710MM LONG X 510MM DEEP**

ELE CB

## XL Seating



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

- Concrete block supports (weight 100kgs per support)

**BENCH, 2260MM LONG X 675MM DEEP**

EXM CB

**BENCH, 2860MM LONG X 675MM DEEP**

EXE CB

## Standard concretes mixes / finishes

Shown here are our standard 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.

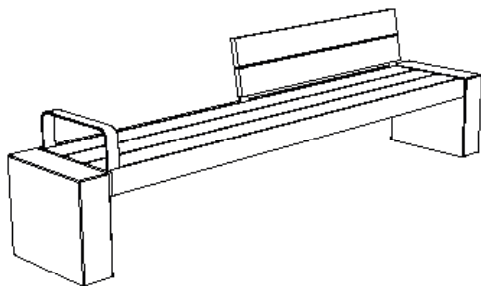




# Elements® Concrete Block.

- Triple processed steel chassis with iroko slats & fascias

## Standard Seating



model illustrated:  
2710mm long, large timber slats, half length backrest, single armrest

- Concrete block supports (weight 75kgs per support)

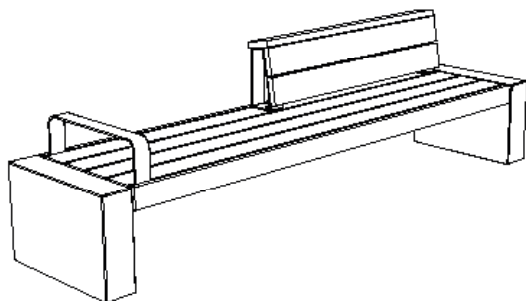
**BENCH, 2110MM LONG X 510MM DEEP**

ELM GR

**BENCH, 2710MM LONG X 510MM DEEP**

ELE GR

## XL Seating



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

- Concrete block supports (weight 100kgs per support)

**BENCH, 2260MM LONG X 675MM DEEP**




EXM GR

**BENCH, 2860MM LONG X 675MM DEEP**

EXE GR

## 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 GREY
<b>FLAMED FINISH</b>			
<b>HONED FINISH</b>			
<b>POLISHED FINISH</b>			

# Accessories

## Armrests.

Elements allows armrests to be bolted onto the seat chassis at any of the predetermined positions and we offer **3 styles**.

- **Steel armrests (all benches)**  
Our standard armrest with rounded corners, typically specified in the material and finish to match the rest of the steelwork used on the seat supports.

- **Steel armrests with timber tops (all benches)**  
Our standard armrest with added twist for style and comfort. They come with square top corners for fixing of a timber armpad.
- **Steel armrest + backrest (with timber cover)**  
Where a backrest is also required, the armrest can be integrated with the backrest support.

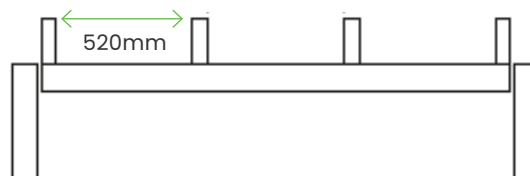
## Dimensions

Steel armrests stand at **150mm** above the seating platform, with a timber armpad they stand at **175mm**.

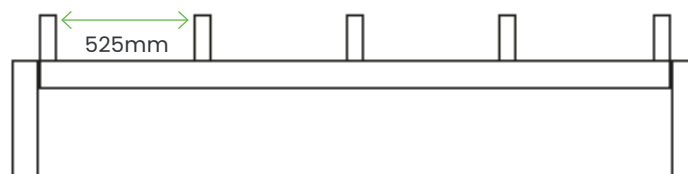
For the standard Elements range, armrests are **60mm wide**, for Elements XL versions they **80mm wide**.

## Standard Seating

**1830mm long chassis**  
(3 person)



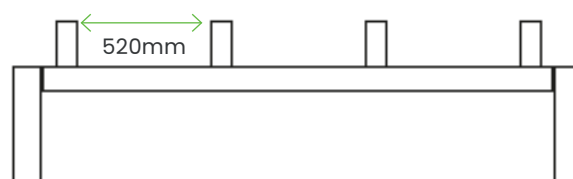
**2430mm long chassis**  
(4 person)



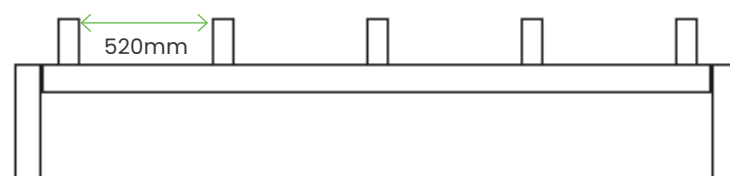
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## XL seating

**1980mm long chassis**  
(3 person)



**2580mm long chassis**  
(4 person)



# Independent Armrests.

## Options

- Arms integrated with backrests
- Polyester powder coated to any RAL colour
- Stainless steel



**GALVANISED STEEL ARMREST**

ELE AR



**GALVANISED STEEL ARMREST  
WITH IROKO TIMBER ARMPAD**

ELE AT

# Accessories Tablets.

A great addition to any seating configuration; tablets are small side-tables that can be used as large armrests or as a surface for light dining or work.

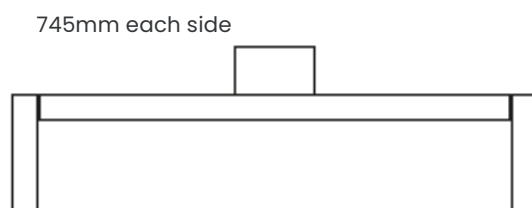
They can be bolted onto standard Elements or Elements XL seating configurations and are available either in steel with matching steelwork to the seating, or with timber slats, usually with the same profile option used on the seat platform, but always orientated in a front to-back arrangement.

- All tablets are **300mm wide** and span the full depth of the seating platform
- Steel tablets stand at **150mm high** above the seating level and the timber-topped option stands **at 175mm**
- They are centrally positioned, effectively dividing the seat area into two parts

## Standard seating

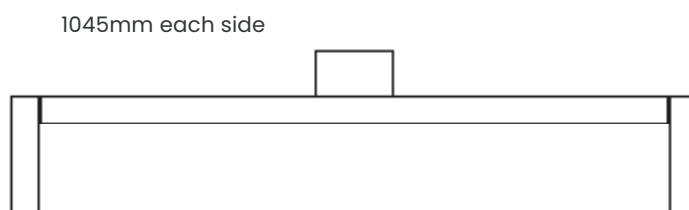
### 1830mm long chassis

Adding a tablet makes the seating platform usable by only 1 person on each side



### 2430mm long chassis

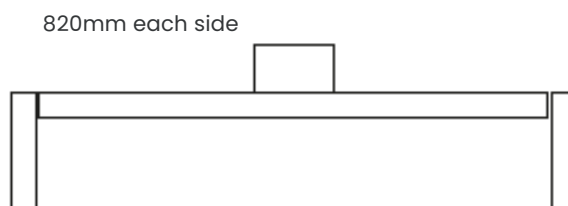
Maintains space enough for 2 people each side of the tablet



## XL seating

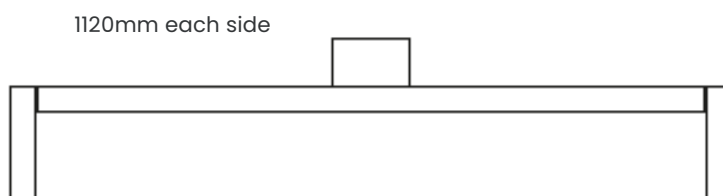
### 1980mm long chassis

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



# Tablets.

## Options

- Steelwork in polyester powder coated finish or stainless steel

## Dimensions

- 290mm wide x 450mm deep



**ALL-STEEL TABLET IN GALVANISED FINISH, 150MM ABOVE SEAT SURFACE**

ELE TA GA



**STEEL TABLET IN GALVANISED FINISH & TIMBER SLATS, 175MM ABOVE SEAT SURFACE**

ELE TA GT

# Add-ons Backrests.

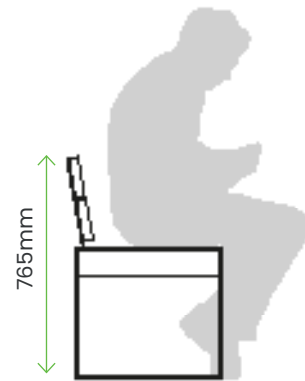
Our backrests can be bolted onto any number of standard seat divisions, which can dramatically change the functionality and aesthetics of the product, expanding its flexibility.

For example, retaining a section of the seat without a backrest provides a double aspect to that part of the seat, as they can be used on opposite sides (providing they are offset from one another) to offer outlooks in two directions.

- We offer backrest timbers in 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
- We offer **2 heights** for our backrests and also a top board for perch seating from the rear

## Standard height backrest – 300mm high

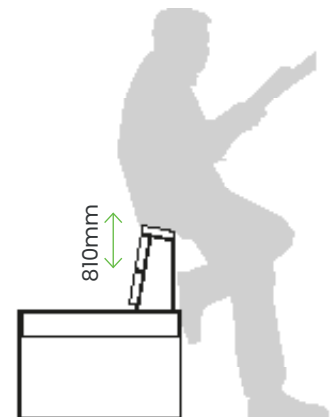
The standard height backrest is available on both Elements Standard and XL seating, the backrest projects slightly beyond the back edge of the seat.



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## Standard height backrest with perch-top – 300mm high

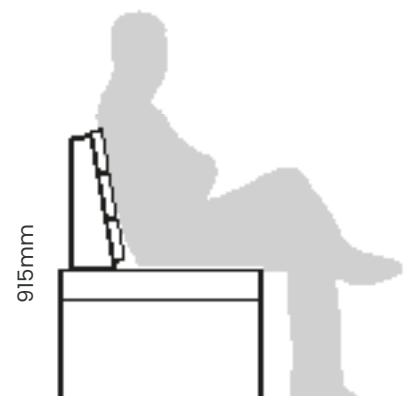
Exclusive to Elements XL, this backrest has an additional slat added across the top for perching from the rear of the seat. The backrest is contained within the back line of the seat, allowing separate seats to be adjoined back-to-back.



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## High backrest – 450mm high

• Iso exclusive to Elements XL, this backrest is approximately **450mm** higher than the seat platform providing greater long-term comfort. The high backrest is contained within the back line of the seat to allow separate seats to be added in a back-to-back application.



# Backrests.

## All Backrest

- Galv steel supports, iroko slats

## Options

- Integrated arms at std positions
- Integrated arm – steel only
- Integrated arm – steel only + timber pad
- Oiled finish iroko slats
- Steelwork in polyester powder coated to any RAL colour or stainless steel

## 6 small slats



<b>1 PERSON BACKREST</b>	ELE BRS1
<b>2 PERSON BACKREST</b>	ELE BRS2
<b>3 PERSON BACKREST</b>	ELE BRS3
<b>4 PERSON BACKREST</b>	ELE BRS4

## 4 medium slats



<b>1 PERSON BACKREST</b>	ELE BRM1
<b>2 PERSON BACKREST</b>	ELE BRM2
<b>3 PERSON BACKREST</b>	ELE BRM3
<b>4 PERSON BACKREST</b>	ELE BRM4

## 2 large slats



<b>1 PERSON BACKREST</b>	ELE BRL1
<b>2 PERSON BACKREST</b>	ELE BRL2
<b>3 PERSON BACKREST</b>	ELE BRL3
<b>4 PERSON BACKREST</b>	ELE BRL4

# Elements® Narrow benches.

Designed to complement the rest of the range (also sold independently), our Narrow Benches come in **2 heights** and can achieve multiple configurations to suit your needs.

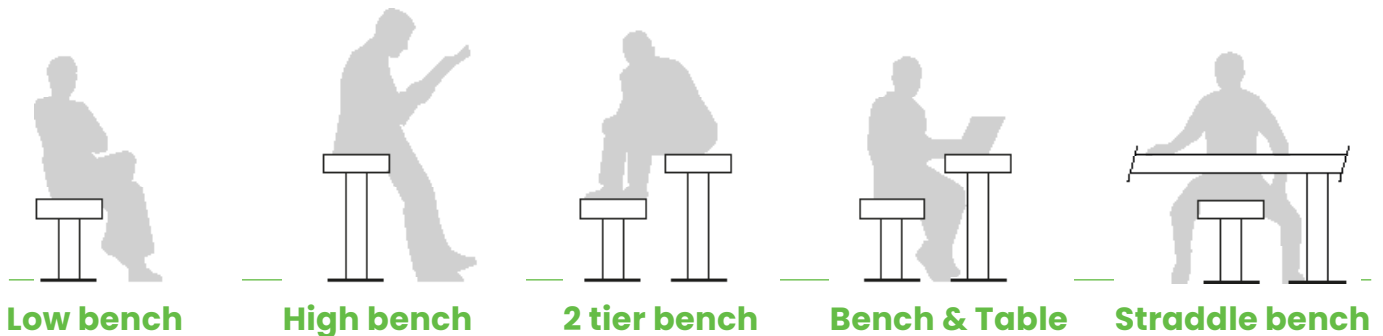
- Units can be easily bolted together
- Available in a range of timber slat sizes and arrangements
- Post-type supports, available in a number of materials and finishes

Combine high and low benches to form two-tier seating, where the high bench can be used as a table - and when fixed across the low bench it forms a wide table perfect for socialising, working or light outdoor dining.

**Heights:**  
**Low 450mm high**  
**High 750mm high**



## Multiple seating positions





# Narrow Benches.

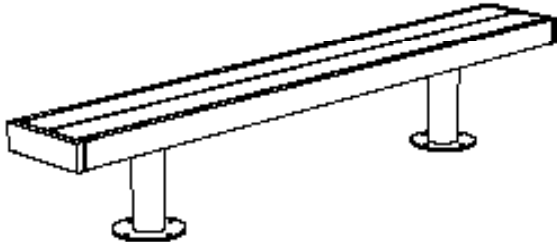
## All Benches

- Galvanised steel chassis with iroko slats, on galvanised steel posts

## Options

- Variable timber slat sizes & orientations
- Timber or steel side fascia panels
- Alternative materials / finishes to supports
- Adaptations to allow abutted platforms to be joined in various configurations
- Anti-skate devices (refer to information on standard Elements seats for details)

## Narrow Bench Low 450mm high



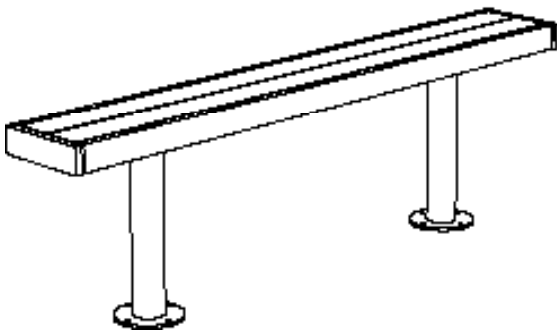
**3 PERSON BENCH**  
**1850MM LONG X 360MM\* WIDE**

ELM NBL

**4 PERSON BENCH**  
**2450MM LONG X 360MM\* WIDE**

ELE NBL

## Narrow Bench High 750 mm high



**3 PERSON BENCH**  
**1850MM LONG X 360MM\* WIDE**

ELM NBH

**4 PERSON BENCH**  
**2450MM LONG X 360MM\* WIDE**

ELE NBH

# Elements<sup>®</sup> Tables.

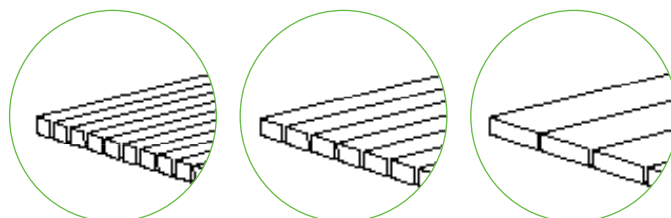
Designed to complement the rest of the range, Elements tables come with beautiful Iroko timber tops attached to a tough galvanised steel chassis. Configure tables to fit your project with a choice of various setups, finishes and materials.

- 2 support options.
- 2 lengths and 2 widths
- Choose small, medium or large slats in a side-to-side or a front-to-back layout



## Timber slat arrangement options

### Side-to-side

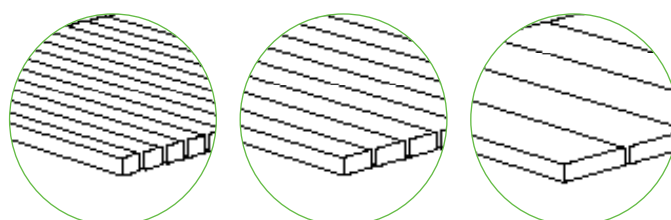


Small slats

Medium slats

Large slats

### Front-to-back



Small slats

Medium slats

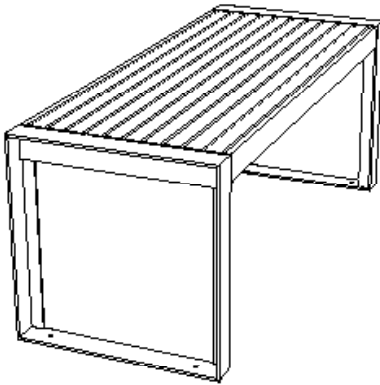
Large slats

# Tables.

## Options

- Variable timber slat sizes & orientations
- Timber or steel side fascia panels
- Alternative materials / finishes to supports

## Table + Picture Frame Supports



- Galvanised steel table chassis with iroko slats, 800mm high, mounted on galvanised steel support with iroko end panel

**3 PEOPLE / SIDE,  
2010MM LONG X 810MM WIDE**

ELE ST 200 PF

**4 PEOPLE / SIDE,  
2610MM LONG X 810MM WIDE**

ELE ST 260 PF

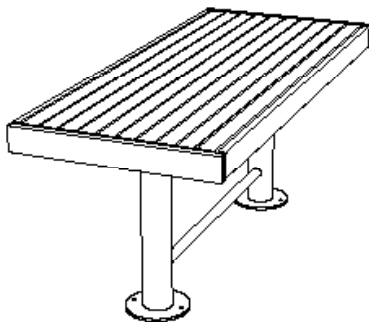
**3 PEOPLE / SIDE,  
2010MM LONG X 960MM WIDE**

ELE WT 200 PF

**4 PEOPLE / SIDE,  
2610MM LONG X 960MM WIDE**

ELE WT 260 PF

## Table + Post Supports



- Galvanised steel chassis with iroko slats, 800mm high, mounted on galvanised steel posts

**3 PEOPLE / SIDE,  
1860MM LONG X 810MM WIDE**

ELE ST 200 PS

**4 PEOPLE / SIDE,  
2460MM LONG X 810MM WIDE**

ELE ST 260 PS

**3 PEOPLE / SIDE,  
1860MM LONG X 960MM WIDE**

ELE WT 200 PS

**4 PEOPLE / SIDE,  
2460MM LONG X 960MM WIDE**

ELE WT 260 PS

# Installation.

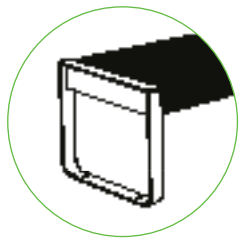
All Elements products are supplied with supports that are designed to be fixed down on top of the finished paving. Steel supports are pre-drilled for bolting down, but for masonry supports, we recommend fitting the studs provided into the underside of the blocks and to set these in the substrate.

Such installations are the quickest and cheapest methods providing that the site is relatively level and that the substrate is suitable for drilling and

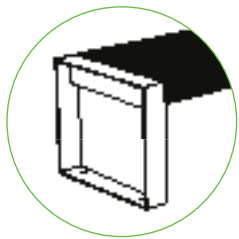
securing ground fixings into. Situations and substrates that are not suitable for this type of installation include where there is a significant fall across length of the seat, and if substrates are unsuited to fixing into, such as macadam or small size paving blocks set on a sand base.

In these cases, we would suggest a belowground installation, which we offer as an alternative option on selected support types only.

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



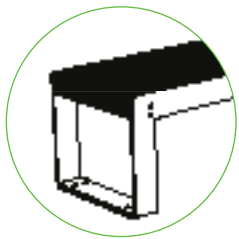
Open Frame



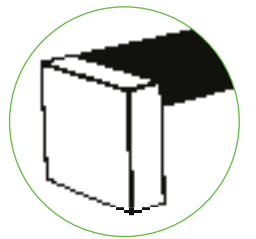
Picture Frame



Open Box

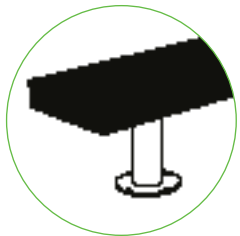


Goalpost



Concrete Block

## Support types that can be supplied at extended heights for below-ground installation (available on special request)



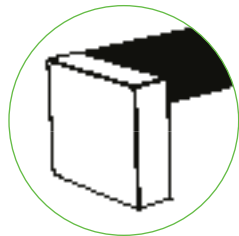
Post

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.

# Installation.

## 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.

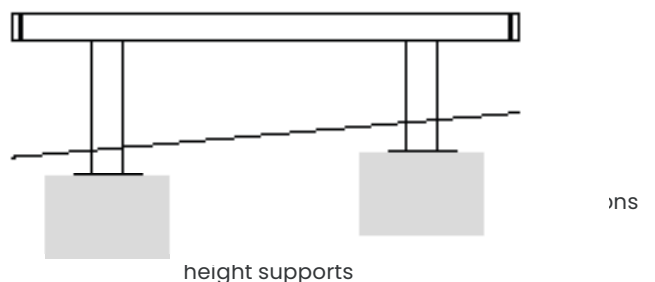
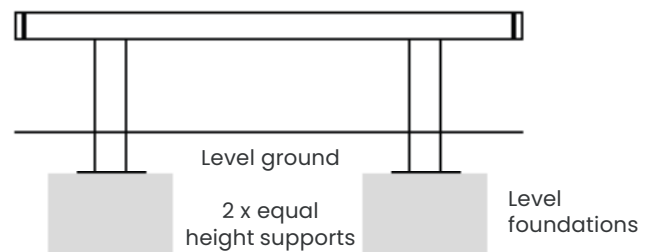
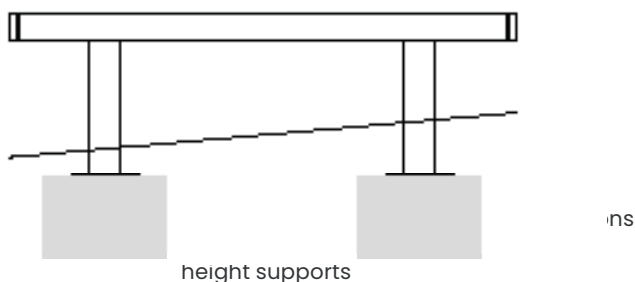
Shown below are various scenarios of ground levels and foundation types, and how each can be accommodated

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.

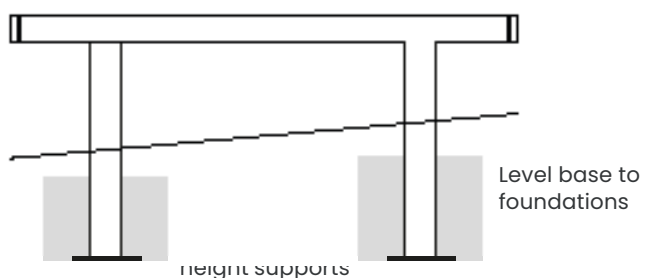
## Pre-cast foundation blocks

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.



# Case studies.

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



**Westgate Oxford  
Lower Mall**  
Client: Westgate Oxford  
Alliance Ltd Partnership

# Case studies.



**Cardiff and Vale  
College, Wales**  
Architect: BDP  
Contractor: Willmott  
Dixon

# Why Furnitubes.

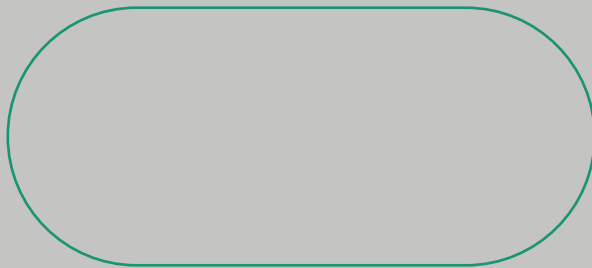
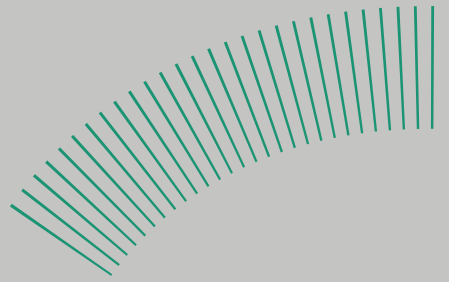
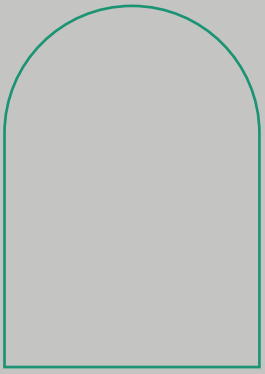
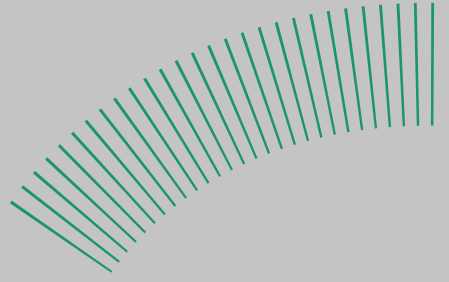
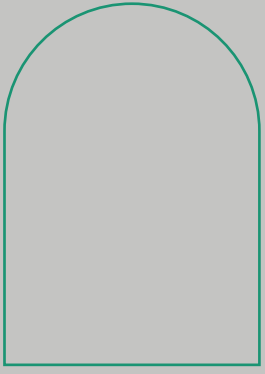
- **Made in the UK**  
our factory is based in Kent, so expect faster leadtimes and no supply chain delays
- **Easy to maintain + low labour costs**  
we make sure that fixing points are easily accessible so slats and brackets can be changed easily when damaged
- **Modular solutions**  
our ranges are 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.







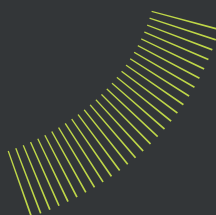
Furnitubes



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Furnitubes International UK



**furnitubes**  
shaping outdoor spaces

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