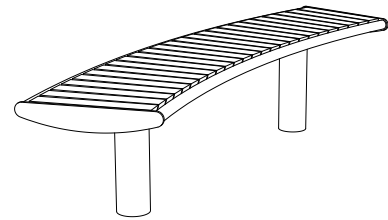


ZENITH® HORIZON CURVED SEATING

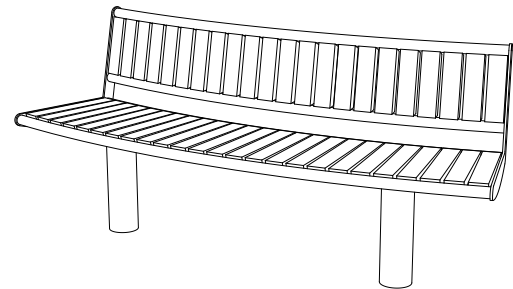
Standard curved options to suit most sites

Curved seats and benches serve to visually break up orthogonal site layouts and emphasise features such as trees. They can be used independently, in pairs or multiples to create arcs and wave-forms, or linked to form complete circles. Whilst benches can be accessed from either side, seats are supplied with either an internal or external backrest, for inward / outward facing aspects respectively. Four radii - from 1.8m up to to 3.6m - are offered as standard, all configured around a given number of units to form a complete circle, with each segment designed to accommodate 3 people. Removal of segments whilst maintaining the same setting out arrangement allows access to the centre of the circle. The flat seat and back profile of the Horizon range offers a cost saving over corresponding Zenith original curved seats and also allows wood plastic composite (WPC) slats to be used as an alternative to timber.



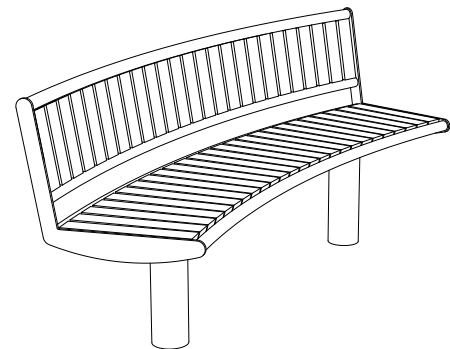
Bench

Benches are a popular choice where access can be gained from both sides, allowing people to sit facing opposite directions. Benches are most often used for 'short stay' seating locations.



Seat - internal backrest

Most often used around features such as specimen trees, and ideal for outward-looking situations. The backrest provides a comfortable support for longer term seating.



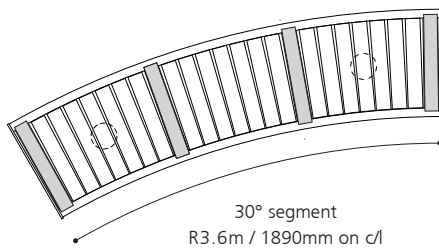
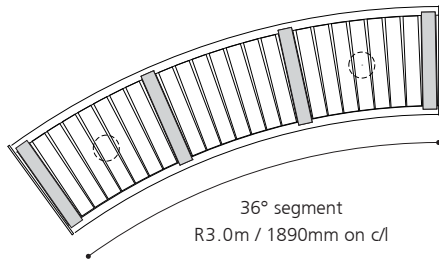
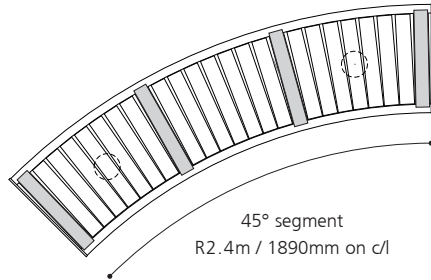
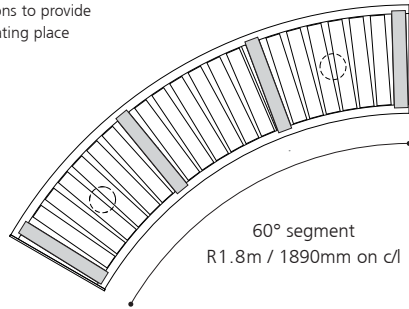
Seat - external backrest

These seats are often used to focus on a central feature in the landscape or to provide visually softer alternative to corner seating.



ZENITH® HORIZON CURVED SEATING

Armrests: standard positions to provide comfortable individual seating place widths are shown in grey



ZENITH HORIZON CURVED SEATS & BENCHES

Standard assembly: steel frame & bolt-on posts for in-ground fixing, hot dip galvanised, with iroko timber slats in smooth planed finish

60° / 1.8m radius, 1890mm long centre line / 3 person seat & bench units

ZNF RB 186
Bench

ZNF RSX 186
Seat, internal backrest

ZNF RSV 186
Seat, external backrest

45° / 2.4m radius, 1890mm long centre line / 3 person seat & bench units

ZNF RB 248
Bench

ZNF RSX 248
Seat, internal backrest

ZNF RSV 248
Seat, external backrest

36° / 3.0m radius, 1890mm long centre line / 3 person seat & bench units

ZNF RB 3010
Bench

ZNF RSX 3010
Seat, internal backrest

ZNF RSV 3010
Seat, external backrest

30° / 3.6m radius, 1890mm long centre line / 3 person seat & bench units

ZNF RB 3612
Bench

ZNF RSX 3612
Seat, internal backrest

ZNF RSV 3612
Seat, external backrest

OPTIONS (ALL SEATS & BENCHES):

- Other overall diameters and segment angles / lengths
- Armrest(s) in positions shown in grey
- Base plated posts for bolt-down installation
- Anti-skate devices on front bar (+ rear bar for benches)
- Framework & posts in polyester powder coated finish
- Framework & posts in plastic coated finish
- Framework & posts in stainless steel, various grades & finishes
- Slats in wood plastic composite (WPC)
- Timbers with UV protective finish

ZENITH® HORIZON CIRCULAR SEATING

Zenith Horizon in the round

Curved seating, and circular arrangements in particular, are a popular choice on many landscape schemes. Inward facing curves offer greater sociability compared with linear seating, and outward facing seating is often used to encircle a prominent site feature, such as a specimen tree. Zenith Horizon curved seating units have been designed around four standard circle diameters - 3.6m, 4.8m, 6.0m and 7.2m (measured on the seating platform centre line) - which all divide up to give common unit lengths based on a 3-person seat. There are multiple layout options, including fully enclosed circles, horseshoes with a single opening and circles with gaps for access into the central area. Internal or external backrests can be supplied on all individual units, with the further option of armrests if required. Shown below and on the following page are examples of the types of circular layouts that can be achieved with standard Zenith Horizon curved seating units, shown on Ø3.6m layouts.

ENCLOSED CIRCLES

Full circular arrangements are ideal around site features such as trees, where users sit facing outwards and access to the central area is not needed.



6 x bench units



2 x bench units
4 x seats units with backrests

HORSESHOES

Circular arrangements with a single gap allow access to the central space and are popular as exterior teaching areas in school grounds.



5 x bench units



2 x bench units
3 x seats units with backrests

OPEN CIRCLES

Gaps in circular arrangements allow access to the central area, including for wheelchairs, and also serve to visually break up large volumes of seating.



4 x bench units



2 x bench units
2 x seats units with backrests

Each unit is an independent item that can be supplied as a bench platform only or as a seat with a backrest, complete with armrest(s) as required.

ZENITH® HORIZON CIRCULAR SEATING

Ø3.6m CIRCLE C/L (RADIUS 1.8m)



6 x seating units
Seats 18 people



5 x seating units
Seats 15 people
Gap = 1550mm



4 x seating units
Seats 12 people
Gaps = 1550mm



4 x seating units
Seats 12 people
Gaps = 800mm



3 x seating units
Seats 9 people
Gaps = 1550mm

Ø4.8m CIRCLE C/L (RADIUS 2.4m)



8 x seating units
Seats 24 people



7 x seating units
Seats 21 people
Gap = 1650mm



6 x seating units
Seats 18 people
Gaps = 1650mm



6 x seating units
Seats 18 people
Gaps = 1100mm



5 x seating units
Seats 15 people
Gaps = 1000mm



4 x seating units
Seats 12 people
Gaps = 1650mm

Ø6.0m CIRCLE C/L (RADIUS 3.0m)



10 x seating units
Seats 30 people



9 x seating units
Seats 27 people
Gap = 1700mm



8 x seating units
Seats 24 people
Gaps = 1700mm



6 x seating units
Seats 18 people
Gaps = 2400mm



6 x seating units
Seats 18 people
Gaps = 1150mm



5 x seating units
Seats 15 people
Gaps = 1700mm

Ø7.2m CIRCLE C/L (RADIUS 3.6m)



12 x seating units
Seats 36 people



11 x seating units
Seats 33 people
Gap = 1750mm



10 x seating units
Seats 30 people
Gaps = 1750mm



9 x seating units
Seats 27 people
Gaps = 1750mm



8 x seating units
Seats 24 people
Gaps = 1750mm



8 x seating units
Seats 24 people
Gaps = 900mm



6 x seating units
Seats 18 people
Gaps = 1750mm



ZENITH® HORIZON WAVE SEATING

Zenith Horizon, with a twist

As with circular seating, wave-form / serpentine shapes are a popular choice for external seating provision, and are often employed in double aspect situations, where sitters can choose which way to view their surroundings. From just 4 standard radius options, a wide variety of wave forms can be offered by the Zenith Horizon curved range, by introducing changes of direction to the individual units at different points, creating a visual range from gentle waves to accentuated peaks and troughs. The examples shown immediately below left and opposite all use common-sized unit seats in a single arrangement, meaning the pattern has a distinct visual geometry. Different radius seating units can be adjoined to form more organic layouts, as shown in the example below right, with backrests and armrest on selected units only to further accentuate the informal appearance.

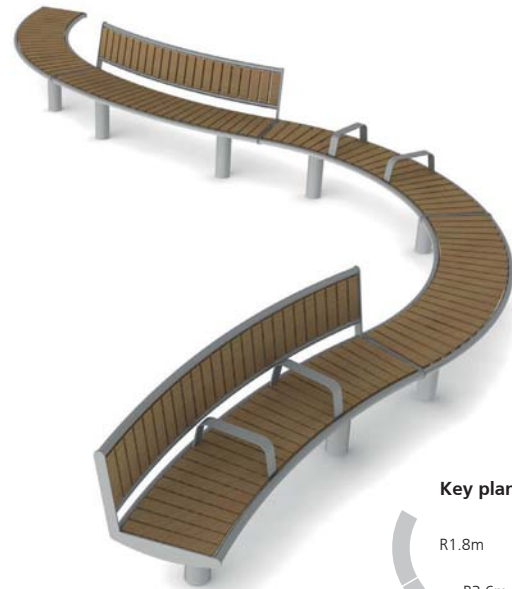
Geometrical wave-forms

achieved by using:

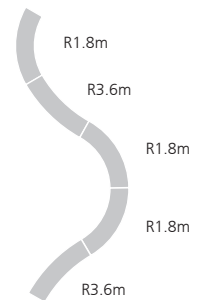
- Common radius seating units
- Repeating pattern to changes in direction of individual units
- Armrest and backrests in repeating positions



Key plan:



Key plan:



Organic wave-forms

achieved by using:

- A variety of different radius units
- Non-repetitive pattern to changes in curve direction
- Backrests and armrests in random positions

ZENITH® HORIZON WAVE SEATING

ALTERNATE DIRECTIONS

Changing the direction of adjacent curved seating units results in a low profile wave layout, which provides a subtle variation to straight seating, without taking up too much space. All layouts shown provide 6 seating places.

2-SEGMENT DIRECTION CHANGES

Adjacent curved seats paired in the same direction accentuate the form of the wave, creating a more distinct S-shape layout, particularly on the tight radius models. These compact layouts provide 12 seating places for good social seating provision.

3-SEGMENT DIRECTION CHANGES

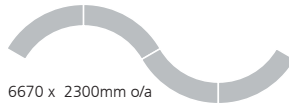
Groups of 3 curved seat units in the same direction give a more pronounced wave dynamic and make a strong visual statement on any site. Tighter radius modules give the impression of two adjoined and mirrored half circles, whereas the more relaxed radius curves create gentler elongated S-shapes.

C/L RADIUS 1.8m MODULES



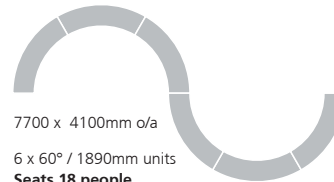
3850 x 980mm o/a

2 x 60° / 1890mm units
Seats 6 people



6670 x 2300mm o/a

4 x 60° / 1890mm units
Seats 12 people



7700 x 4100mm o/a

6 x 60° / 1890mm units
Seats 18 people

C/L RADIUS 2.4m MODULES



3870 x 870mm o/a

2 x 45° / 1890mm units
Seats 6 people



7140 x 1910mm o/a

4 x 45° / 1890mm units
Seats 12 people



9330 x 3460mm o/a

6 x 45° / 1890mm units
Seats 18 people

C/L RADIUS 3.0m MODULES



3860 x 790mm o/a

2 x 36° / 1890mm units
Seats 6 people



7350 x 1650mm o/a

4 x 36° / 1890mm units
Seats 12 people



10110 x 2970mm o/a

6 x 36° / 1890mm units
Seats 18 people

C/L RADIUS 3.6m MODULES



3860 x 750mm o/a

2 x 30° / 1890mm units
Seats 6 people



7450 x 1460mm o/a

4 x 30° / 1890mm units
Seats 12 people



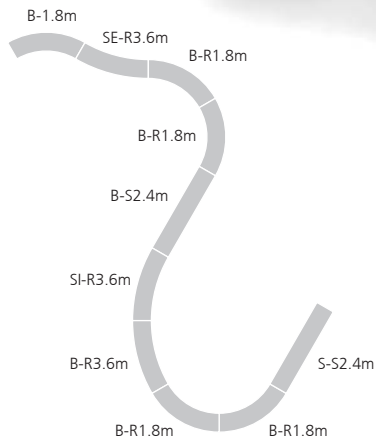
10540 x 2610mm o/a

6 x 30° / 1890mm units
Seats 18 people

ZENITH® HORIZON CONFIGURATIONS

Endless configuration possibilities

With the front-to-back slat versions of the Zenith Horizon range, standard straight and curved units can be set adjacent to each other to form seamless continuous run seating, for a practical solution with stunning visual interest, as in the example shown below. Organic layouts such as this can be further enhanced by mixing benches and seats with backrests, with armrests employed on selected units only.



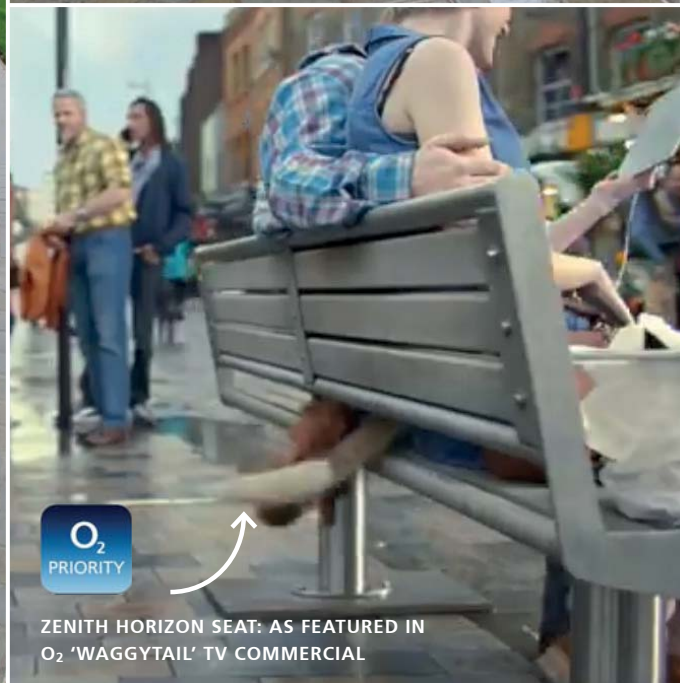
Key plan

Units on example configuration:

- B-S2.4m** Bench, straight, 2.4m long
- B-R1.8m** Bench, curved, 1.8m radius
- B-R3.6m** Bench, curved, 3.6m radius
- S-R3.6m** Seat, curved, external backrest, 3.6m radius
- SE-R3.6m** Seat, curved, internal backrest, 3.6m radius
- SI-S2.4m** Seat, straight, 2.4m long

If you have a requirement for a site-specific layout, our designers are happy to visualise the configuration for you. Simply let us know the approximate overall area that you have available, the forms and features that you are interested in, and leave the rest to us.

ZENITH® HORIZON GALLERY



ZENITH HORIZON SEAT: AS FEATURED IN
O2 'WAGGYTAIL' TV COMMERCIAL

