

VEEVA RANGE

Heavy duty straight & curved seating

The Veeva range is characterised by the wedge-shape seat supports, heavy duty timbers and its array of standard configuration options. Veeva offers independent units and modules that can be joined side-by-side to form longer seating runs, both in straight lines and four standard curved sizes. Curved modules can furthermore be arranged in full or broken circles and wave-forms. Backrests are straight, including those on curved seating, providing a cost-effective add-on feature that is available on all but the smallest radius version. Armrests are offered on all seating configurations. Iroko hardwood slats are arranged in a front-to-back orientation on straight and curved seating. On the straight versions only slats can also be used in a side-to-side arrangement, which changes the character of the seat and also reduces costs.



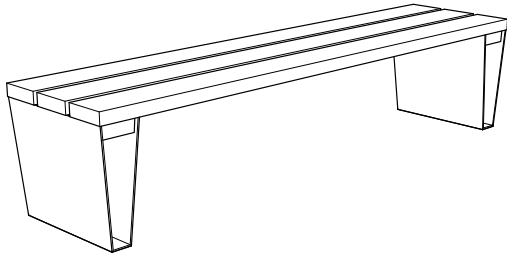
VEEVA RANGE



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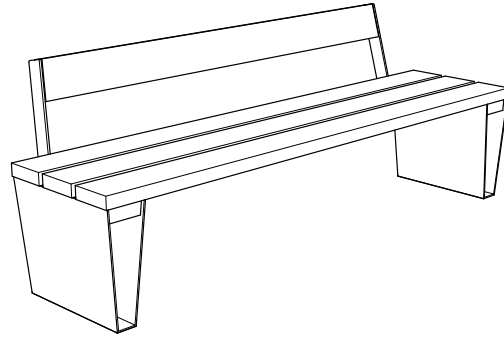
Independent benches and seats

A stand-alone independent unit is the traditional way of providing seating in many outdoor locations, allowing small groups of people to sit together. Standard length modules of straight and curved units in the Veeva range comfortably accommodate 3 people, and up to 4 at a tighter fit where armrests are not used.



Independent Bench

Benches offer double aspect seating, which is useful where there are views or points of interest in both directions. Without a backrest, a bench is ideal as a short term rest point.



Independent Seat

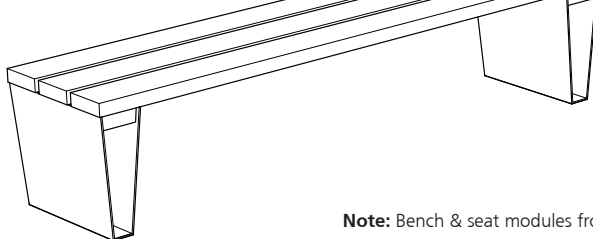
The addition of a backrest improves the comfort of the seat for the user and encourages people to sit for longer.

Continuous run benches and seats

Longer runs of joined-up seating are a neat solution where high volume seating provision is required, taking up less space and also encouraging more social interaction compared with separated seats. Backrests can be used on all or just selected modules as required, as shown in this illustration.

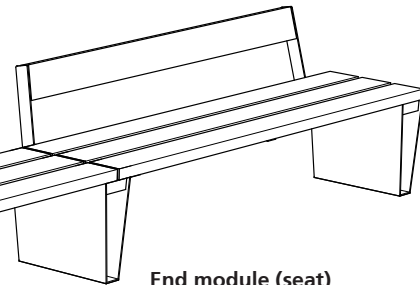
Starter module (bench)

Seat platform + 2 supports



Mid module (bench)

Seat platform + 1 support



End module (seat)

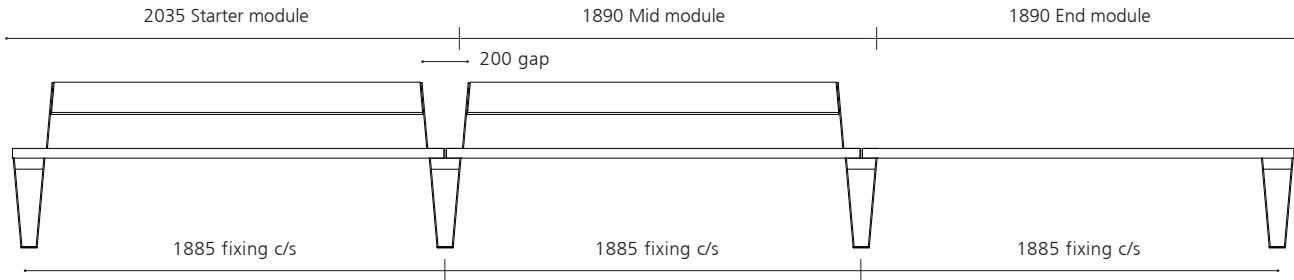
Seat platform / backrest + 1 support

Note: Bench & seat modules from the same family (straight + curved x 4 sizes) can be adjoined to form continuous seating runs, but cannot be mixed across families, e.g. straight modules cannot be joined to curved modules.

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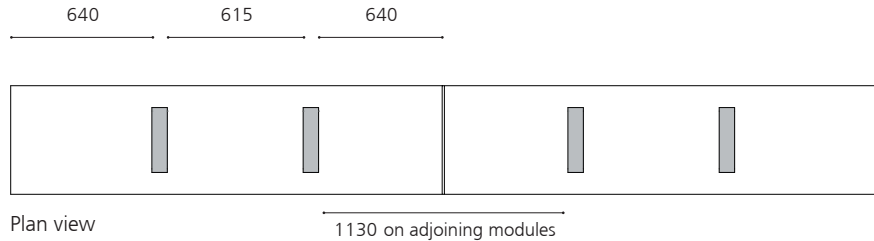
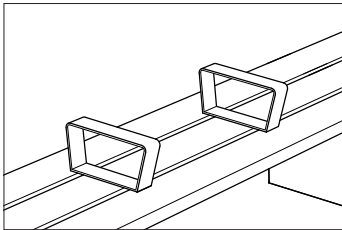
Continuous run seating dimensions

The illustration below shows the points of measurement for starter, mid and end modules in a continuous straight seating run, and also the ground fixing points.



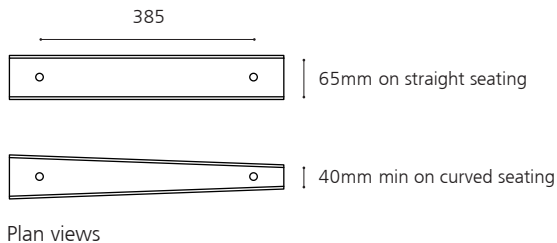
Armrests

Armrests define individual seating spaces and are particularly useful to less able-bodied people as an aid to lowering onto and alighting from a seat. Placement of armrests can also deter rough sleeping. The positions of armrests on all Veeva seating are pre-determined, set out as shown below, to provide a comfortable seating width and not to divide the seat into areas that result in unusable 'dead space'.



Installation

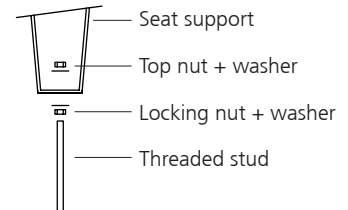
Each steel support on all Veeva seating units is pre-drilled with 2 no. holes for M10 ground fixings (not supplied). The internal spaces between the side plates of the supports are shown below. If there is insufficient space to use a spanner or socket to tighten a fixings, we suggest that a stud is pre-fixed to the underside of the support, which can then be set into a concrete foundation block or a cored hole in the paving.



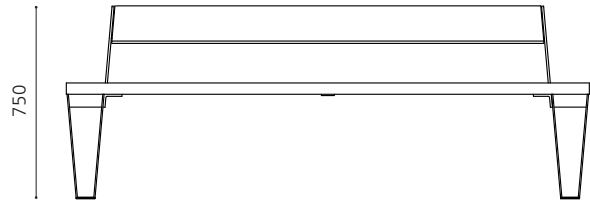
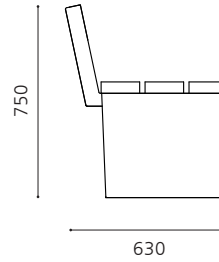
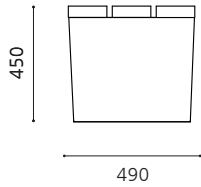
Pre-fixing a stud

Insert stud through support fixing hole and hand tighten the top nut.

Tighten locking nut onto stud on underside of support, holding top nut with a spanner to prevent rotation.



VEEVA RANGE



VEEVA STRAIGHT WITH SIDE-TO-SIDE PLATFORM SLATS

Standard assembly: steel supports & frames (where applicable) for bolt-down fixing in hot dip galvanised finish, with iroko timber slats in smooth planed finish

BENCHES

VEE B 2035

Independent, 2035mm long

VEE B 204 S

Starter module, 2035mm long

VEE B 189 M

Mid module, 1890mm long

VEE B 189 E

End module, 1890mm long

SEATS WITH BACKRESTS

VEE 2035

Independent, 2035mm long

VEE 204 S

Starter module, 2035mm long

VEE 189 M

Mid module, 1890mm long

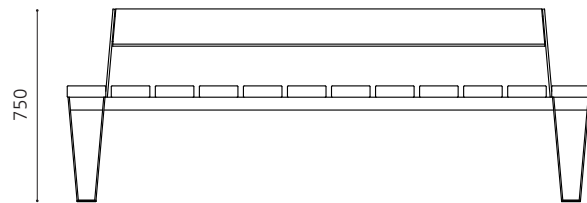
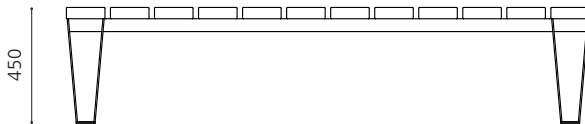
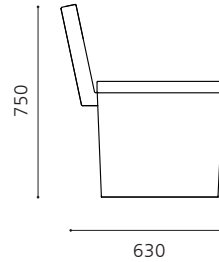
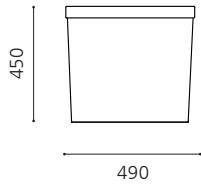
VEE 189 E

End module, 1890mm long

OPTIONS:

- Armrest(s)
- Steelwork in polyester powder coated finish to any RAL colour reference, over plain steel or galvanising
- Oiled timbers

VEEVA RANGE



VEEVA STRAIGHT WITH FRONT-TO-BACK PLATFORM SLATS

Standard assembly: steel supports & frames (where applicable) for bolt-down fixing in hot dip galvanised finish, with iroko timber slats in smooth planed finish

BENCHES

VEE FB 2035

Independent, 2035mm long

VEE FB 204 S

Starter module, 2035mm long

VEE FB 189 M

Mid module, 1890mm long

VEE FB 189 E

End module, 1890mm long

SEATS WITH BACKRESTS

VEE F 2035

Independent, 2035mm long

VEE F 204 S

Starter module, 2035mm long

VEE F 189 M

Mid module, 1890mm long

VEE F 189 E

End module, 1890mm long

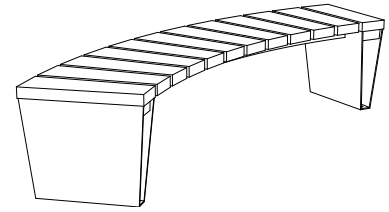
OPTIONS:

- Armrest(s)
- Steelwork in polyester powder coated finish to any RAL colour reference, over plain steel or galvanising
- Oiled timbers

VEEVA RANGE

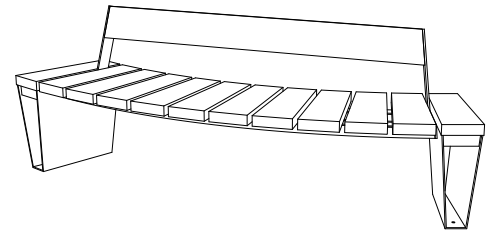
Standard curved options to suit most sites

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. Four radii - from 1.8m up to 3.6m - are offered as standard in the Veeva range, all configured around a given number of units to form a complete circle, with each segment designed to accommodate 3 people. Backrests are straight and are inset from the ends of the seating platforms, meaning the backrest is not continuous when curved modules are directly adjoined. Unlike most other seating in our range, the timber slats on curved Veeva seating are tapered in plan so that the gaps between slats are parallel.



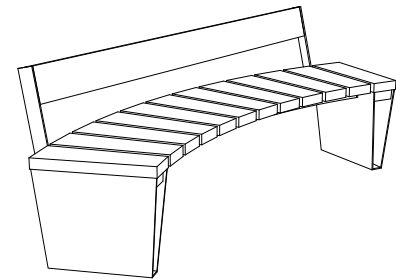
Bench

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.



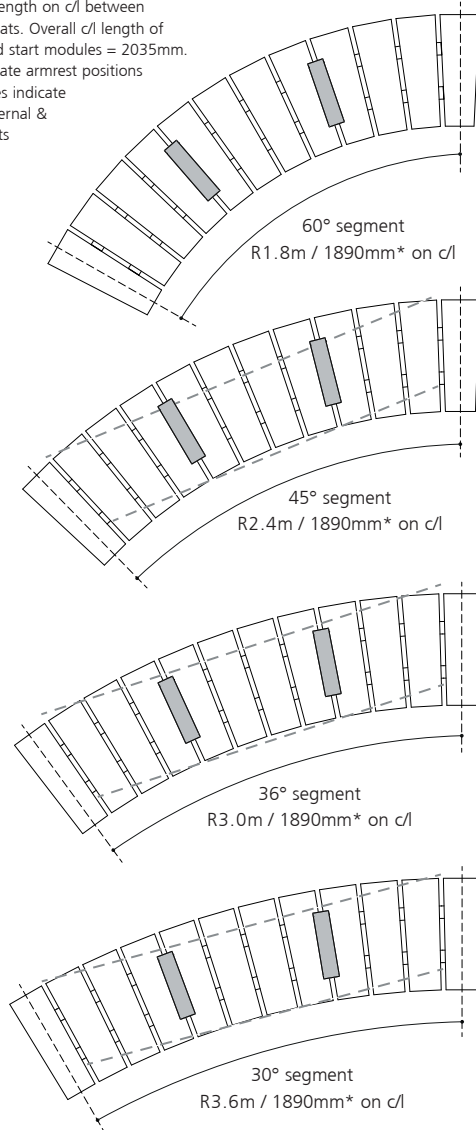
VEEVA RANGE

OPTIONS:

- Armrest(s) in standard positions to provide comfortable seating place widths
- Steelwork in polyester powder coated finish to any RAL colour reference, over plain or galvanised steel
- Oiled timbers

Notes:

- 1890mm = arc length on c/l between centres of end slats. Overall c/l length of independent and start modules = 2035mm.
- Grey boxes indicate armrest positions
- Grey dashed lines indicate alignment of internal & external backrests



VEEVA CURVED SEATS & BENCHES

Standard assembly: steel supports & frames for bolt-down fixing in hot dip galvanised finish, with iroko timber slats in smooth planed finish

| BENCHES | SEATS WITH INTERNAL BACKREST | SEATS WITH EXTERNAL BACKREST |
|--|---|---|
| 60° / 1.8m radius, 3 person seat & bench units | | |
| VEE RB 186 Independent, 2035mm | n/a | n/a |
| VEE RB 18 S Starter module, 2035mm | n/a | n/a |
| VEE RB 18 M Mid module, 1890mm | n/a | n/a |
| VEE RB 18 E End module, 1890mm | n/a | n/a |
| 45° / 2.4m radius, 3 person seat & bench units | | |
| VEE RB 248 Independent, 2035mm | VEE RSX 248 Independent, 2035mm | VEE RSV 248 Independent, 2035mm |
| VEE RB 24 S Starter module, 2035mm | VEE RSX 24 S Starter module, 2035mm | VEE RSV 24 S Starter module, 2035mm |
| VEE RB 24 M Mid module, 1890mm | VEE RSX 24 M Mid module, 1890mm | VEE RSV 24 M Mid module, 1890mm |
| VEE RB 24 E End module, 1890mm | VEE RSX 24 E End module, 1890mm | VEE RSV 24 E End module, 1890mm |
| 36° / 3.0m radius, 3 person seat & bench units | | |
| VEE RB 3010 Independent, 2035mm | VEE RSX 3010 Independent, 2035mm | VEE RSV 3010 Independent, 2035mm |
| VEE RB 30 S Starter module, 2035mm | VEE RSX 30 S Starter module, 2035mm | VEE RSV 30 S Starter module, 2035mm |
| VEE RB 30 M Mid module, 1890mm | VEE RSX 30 M Mid module, 1890mm | VEE RSV 30 M Mid module, 1890mm |
| VEE RB 30 E End module, 1890mm | VEE RSX 30 E End module, 1890mm | VEE RSV 30 E End module, 1890mm |
| 30° / 3.6m radius, 3 person seat & bench units | | |
| VEE RB 3612 Independent, 2035mm | VEE RSX 3612 Independent, 2035mm | VEE RSV 3612 Independent, 2035mm |
| VEE RB 36 S Starter module, 2035mm | VEE RSX 36 S Starter module, 2035mm | VEE RSV 36 S Starter module, 2035mm |
| VEE RB 36 M Mid module, 1890mm | VEE RSX 36 M Mid module, 1890mm | VEE RSV 36 M Mid module, 1890mm |
| VEE RB 36 E End module, 1890mm | VEE RSX 36 E End module, 1890mm | VEE RSV 36 E End module, 1890mm |



VEEVA RANGE

Ø3.6m CIRCLE C/L (RADIUS 1.8m)



6 x mid
Seats 18 people



1 x starter
3 x mid
1 x end
Seats 15 people
Gap = 1550mm



2 x starter
2 x end
Seats 12 people
Gaps = 1550mm



4 x independent
Seats 12 people
Gaps = 800mm



3 x independent
Seats 9 people
Gaps = 1550mm

Ø4.8m CIRCLE C/L (RADIUS 2.4m)



8 x mid
Seats 24 people



1 x starter
5 x mid
1 x end
Seats 21 people
Gap = 1650mm



2 x starter
2 x mid
2 x end
Seats 18 people
Gaps = 1650mm



3 x starter
3 x end
Seats 18 people
Gaps = 1100mm



5 x independent
Seats 15 people
Gaps = 1000mm



4 x independent
Seats 12 people
Gaps = 1650mm

Ø6.0m CIRCLE C/L (RADIUS 3.0m)



10 x mid
Seats 30 people



1 x starter
7 x mid
1 x end
Seats 27 people
Gap = 1700mm



2 x starter
4 x mid
2 x end
Seats 24 people
Gaps = 1700mm



3 x starter
3 x end
Seats 18 people
Gaps = 2400mm



6 x independent
Seats 18 people
Gaps = 1150mm



5 x independent
Seats 15 people
Gaps = 1700mm

Ø7.2m CIRCLE C/L (RADIUS 3.6m)



12 x mid
Seats 36 people



1 x starter
9 x mid
1 x end
Seats 33 people
Gap = 1750mm



2 x starter
6 x mid
2 x end
Seats 30 people
Gaps = 1750mm



3 x starter
3 x mid
3 x end
Seats 27 people
Gaps = 1750mm



4 x starter
4 x end
Seats 24 people
Gaps = 1750mm



8 x independent
Seats 24 people
Gaps = 900mm

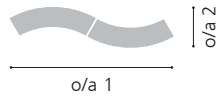


6 x independent
Seats 18 people
Gaps = 1750mm



VEEVA RANGE

C/L RADIUS 1.8m MODULES



1 x starter
1 x end
Seats 6 people
3850 x 980mm o/a



1 x starter
2 x mid
1 x end
Seats 12 people
6670 x 2300mm o/a



1 x starter
4 x mid
1 x end
Seats 18 people
7700 x 4100mm o/a

C/L RADIUS 2.4m MODULES



1 x starter
1 x end
Seats 6 people
3870 x 870mm o/a



1 x starter
2 x mid
1 x end
Seats 12 people
7140 x 1910mm o/a



1 x starter
4 x mid
1 x end
Seats 18 people
9330 x 3460mm o/a

C/L RADIUS 3.0m MODULES



1 x starter
1 x end
Seats 6 people
3860 x 790mm o/a



1 x starter
2 x mid
1 x end
Seats 12 people
7350 x 1650mm o/a



1 x starter
4 x mid
1 x end
Seats 18 people
10110 x 2970mm o/a

C/L RADIUS 3.6m MODULES



1 x starter
1 x end
Seats 6 people
3860 x 750mm o/a



1 x starter
2 x mid
1 x end
Seats 12 people
7450 x 1460mm o/a



1 x starter
4 x mid
1 x end
Seats 18 people
10540 x 2610mm o/a