



The System for
Stages, Galleries & more
certified acc. to DIN EN 13814

Set up rules & Set up schemes
nivtec - ingeniously simple!

Edition 3.0 - 2026

Part IV. Galleries up to 200 cm stage height

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Set up schemes - Directory:

Set up rules Galleries, tier height 20 cm, level depth 1 m

- Sample gallery 6 x 6 m, gallery height 120 cm
- Expansion of the gallery in width from 6 m to 12 m
- Modification of the width of the gallery
- Modification of the gallery deviating from standard dimension (width 2 m)
- Extension of the gallery in height
- Modification of the level depth from 1 m to 2 m

Set up schemes Galleries, tier height 20 cm, level depth 1 m

T0605.102	T0805.102	T1005.102	T1205.102
T0606.122	T0806.122	T1006.122	T1206.122
T0607.142	T0807.142	T1007.142	T1207.142
T0608.162	T0808.162	T1008.162	T1208.162
T0609.182	T0809.182	T1009.182	T1209.182
T0610.202	T0810.202	T1010.202	T1210.202

Set up schemes - Stairway on the side

Set up schemes - Stairway in the center

Set up schemes Galleries, tier height 20 cm, level depth 2 m

T1206.062	T1210.102	T1214.142	T1218.182
T1208.082	T1212.122	T1216.162	T1220.202

Galleries up to 200 cm, tier height 20 cm, level depth 1 m pages 2-18

Galleries up to 200 cm, tier height 20 cm, level depth 2 m pages 19-22

Set up rules galleries, tier height 40 cm, level depth 1 m

- Sample gallery 6 x 3 m, gallery height 120 cm
- Expansion of the gallery in width from 6 m to 12 m
- Modification of the width of the gallery
- Modification of the gallery deviating from the standard dimension (2 m in width)
- Extension of the gallery in height
- Modification of the level depth from 1 m to 2 m

Set up schemes, Galleries, tier height 40 cm, level depth 1 m

T0602.084	T0802.084	T1002.084	T1202.084
T0603.124	T0803.124	T1003.124	T1203.124
T0604.164	T0804.164	T1004.164	T1204.164
T0605.204	T0805.204	T1005.204	T1205.204

Set up schemes - Stairway on the side

Set up schemes - Stairway in the center

Set up schemes, Galleries, tier height 40 cm, level depth 2 m

T1204.084	T1206.124	T1208.164	T1210.204
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Galleries up to 200 cm, tier height 40 cm, level depth 1 m pages 23-36

Galleries up to 200 cm, tier height 40 cm, level depth 2 m pages 37-38

Legend

Gallery $\overbrace{T1008.162}^{\text{width depth height tier height}} 20 \text{ cm}$
4 40 cm

Stairway $\overbrace{X0701.062}^{\text{depth width height tier height}} 20 \text{ cm}$
1 16,66 cm

Set up rules in their most straight-forward version

Galleries tier height 20 cm, level depth 1 m

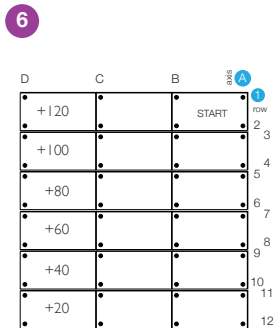
(see detailed set-up schematics in chapter 3.4)

General rules:

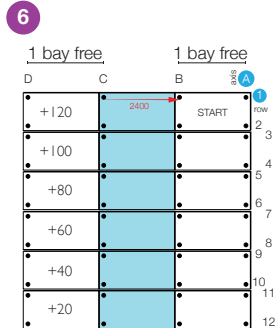
- Galleries are connected stages with a depth of 1 m each.
- Set-up principle 4 -2-2: Position the highest starting platform (4 legs) at the back at the right side, then set up the highest row with the other platforms (2 legs on the left side). Now add the next lower starting platforms (4 legs) towards the front (L-shape). Finally add the remaining inner platforms (2 legs on the left side) at the respective heights.
- Using leg links 110 mm (150 mm if Layher spindles are used), connect all platforms directly above the ground.
- The leg distance selected must be maintained throughout the entire gallery structure.

Sample gallery 6 x 6 m, gallery height 120 cm:

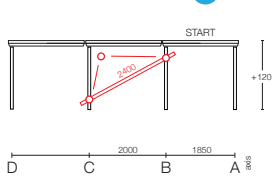
Depiction of horizontal bracing



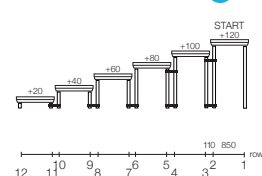
Depiction of diagonal bracing



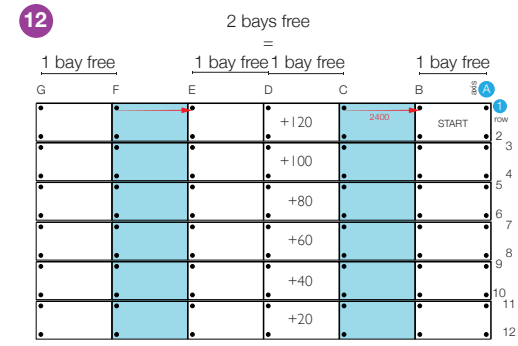
set up of a row



set up of an axis

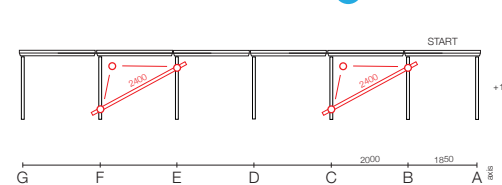


Expansion of the gallery in width by 6 m to 12 m:

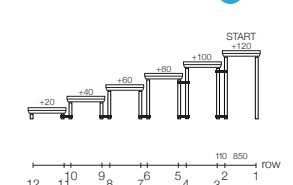


initial gallery 12 m deep

set up of a row



set up of an axis



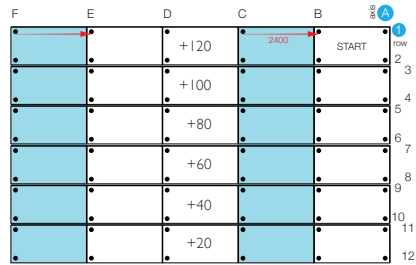
- The pattern of the 6 x 6 m gallery is repeated. The left side of each gallery always looks the same, just like the left side of a stage. It ends with a brace-free bay to the corner of the gallery.

Set up rules in their most straight-forward version

Galleries tier height 20 cm, level depth 1 m

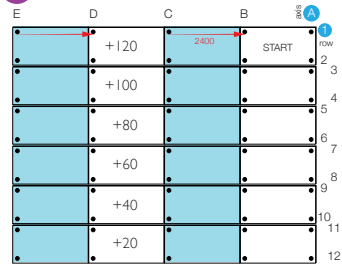
Modification of the width of the gallery:

10



modified gallery 10 m wide

8

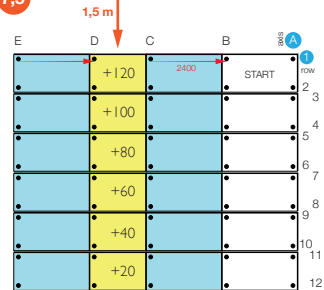


2 m

modified gallery 8 m wide

Modification of the gallery deviating from standard dimension (2 m width)

7,5

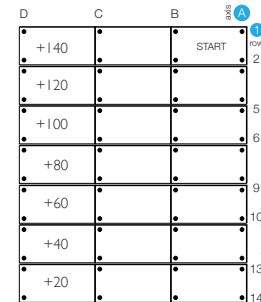


- Based on a gallery size 8 x 6 m, platforms of brace-free bays are replaced by platforms of a different width (1.5 m, 1 m, 0.75 m, 0.5 m) without any change to the set-up scheme.

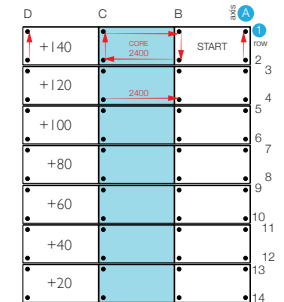
Extension of the gallery in height:

Gallery height 140 cm

Depiction of horizontal bracing

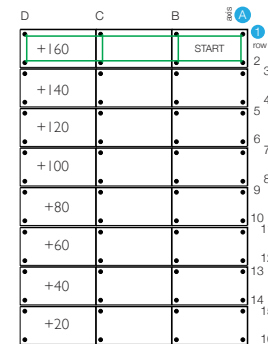


Depiction of diagonal bracing

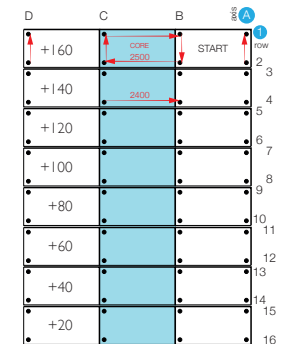


Gallery height 160 cm

Depiction of horizontal bracing



Depiction of diagonal bracing

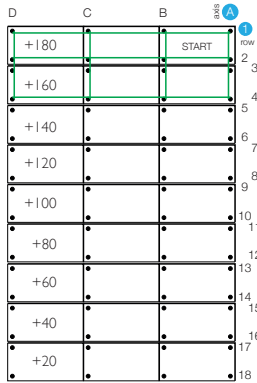


Set up rules in their most straight-forward version

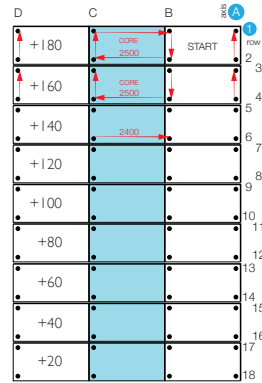
Galleries tier height 20 cm, level depth 1 m

Gallery height 180 cm

set up of horizontal bracing

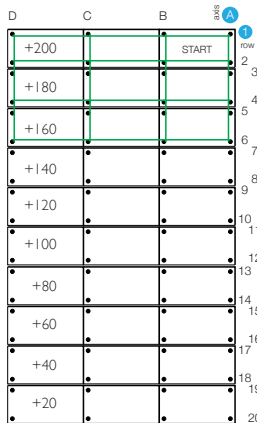


set up of diagonal bracing

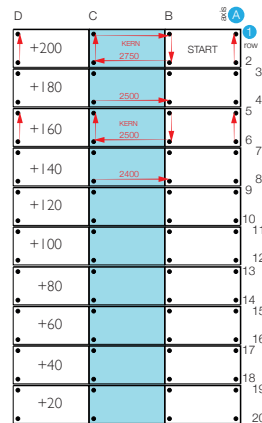


Gallery height 200 cm

set up of horizontal bracing

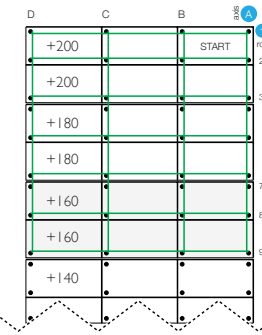


set up of diagonal bracing

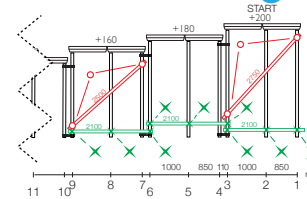


Modification of the level depth from 1 m to 2 m:

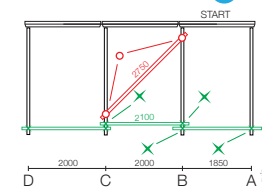
set up of horizontal bracing



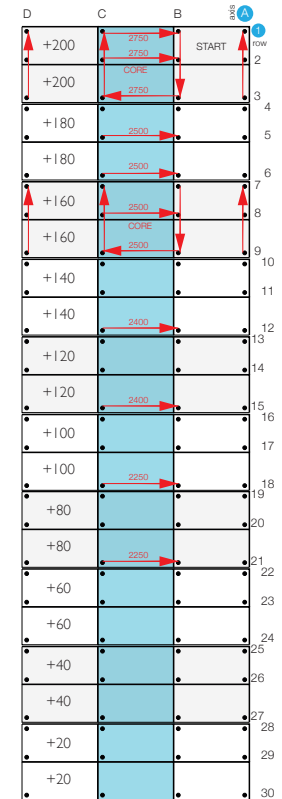
Depiction of axis A



Depiction of row 1

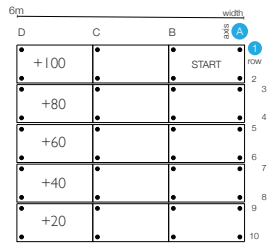


set up of diagonal bracing

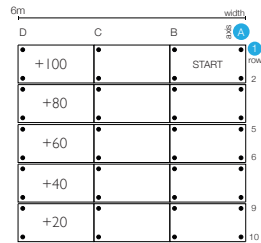


- An increase in level depth presents a combination of the set-up of stages and galleries (adjoining, connected stages of the same height in 2 m width catwalks).
- **For height 80 cm:** brace rearmost gallery level with outer diagonal braces and cores (2 x 2 m) analogous to stages.
- **For heights 100 cm to 140 cm:** Move complete bracing to the highest gallery level. For heights 80, 100 and 120 cm, install diagonal braces at the front row of legs of each level.
- **For height 160 cm:** Additional to the diagonal braces in the highest level 160 cm diagonal braces inside the cores and additional horizontal braces are installed, analogous to the stage set-ups. The diagonal bracing of heights 80 cm to 140 cm remains unchanged.
- **For height 180 cm:** The last two gallery levels, both 160 cm as well as 180 cm, must be braced both horizontally and diagonally. The diagonal braces of heights 80 cm to 140 cm remain unchanged.
- **For height 200 cm:** The last three levels must be braced both horizontally and diagonally (see above). The diagonal bracing of heights 80 cm to 140 cm remains unchanged.

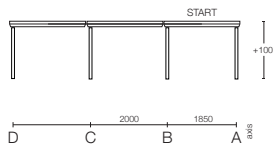
set up horizontal bracing



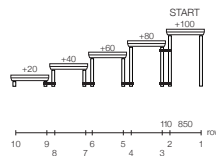
set up diagonal bracing



set up row 1



set up axis A



seat gallery 6 x 5 m 5 levels, height: 100 cm, tier height: 20 cm

horizontal bracing

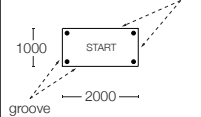


diagonal bracing



diagonal braces mounted circumferentially from bottom to top clockwise

start of assembly tongue



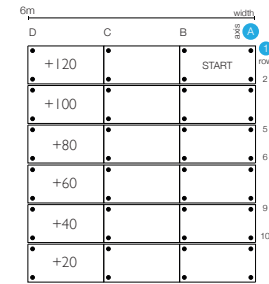
● leg position = 8 legs in each level

— leg link 110 mm or 150 mm for set up with Layher spindles = 5 in each axis x 4 axis = 20 pcs.

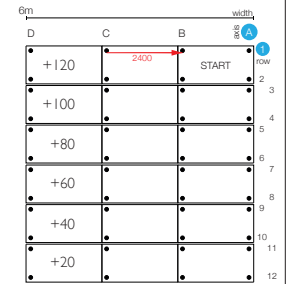
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



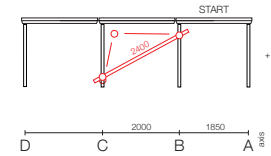
set up horizontal bracing



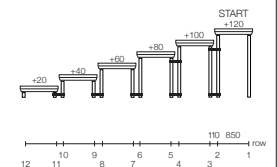
set up diagonal bracing



set up row 1



set up axis A



seat gallery 6 x 6 m 6 levels, height: 120 cm, tier height: 20 cm

horizontal bracing



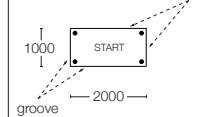
diagonal bracing



01 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 1) = 2

diagonal braces mounted circumferentially from bottom to top clockwise

start of assembly tongue



● leg position = 8 legs in each level

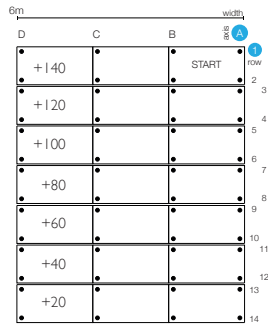
○ Layher swivel coupler 48,3 mm = 2 pcs.

— leg link 110 mm or 150 mm for set up with Layher spindles = 7 in each axis x 4 axis = 28 pcs.

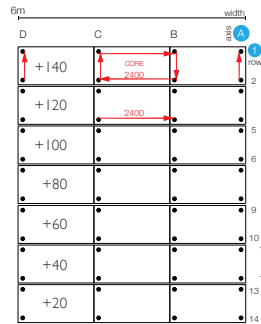
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



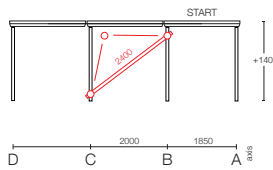
set up horizontal bracing



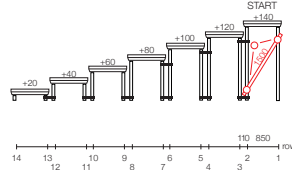
set up diagonal bracing



set up row 1



set up axis A

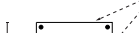
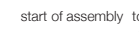


seat gallery 6 x 7 m 7 levels, height: 140 cm, tier height: 20 cm

horizontal bracing



diagonal bracing



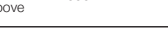
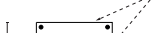
3 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 1/2/4) = 6

4 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +140 cm) = 8

diagonal braces mounted circumferentially from bottom to top clockwise

14

start of assembly tongue



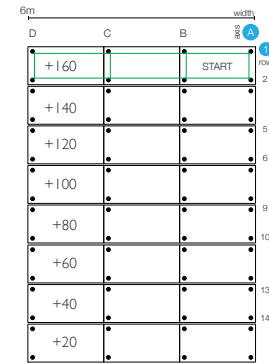
● leg position = 8 legs in each level

○ Layher swivel coupler 48,3 mm = 14 pcs.

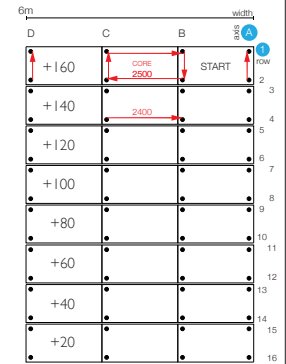
— leg link 110 mm or 150 mm for set up with Layher spindles = 9 in each axis x 4 axis = 36 pcs.

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

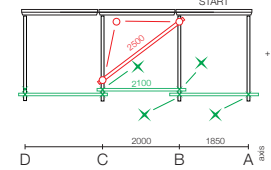
set up horizontal bracing



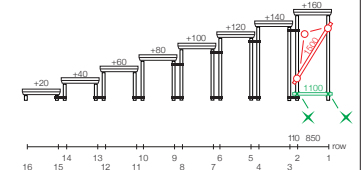
set up diagonal bracing



set up row 1

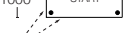
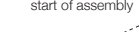


set up axis A



seat gallery 6 x 8 m 8 levels, height: 160 cm, tier height: 20 cm

horizontal bracing



6 x horizontal braces for rows 2100 mm x 2 standard couplers = 12

4 x horizontal braces for axis 1100 mm x 2 standard couplers = 8

20

diagonal bracing

2 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1+2) = 4

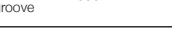
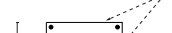
1 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 4) = 2

4 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm) = 8

diagonal braces mounted circumferentially from bottom to top clockwise

14

start of assembly tongue



● leg position = 8 legs in each level

× Layher standard coupler 48,3 mm = 20 pcs.

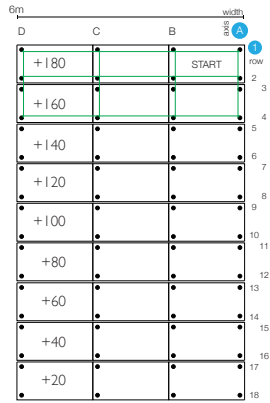
○ Layher swivel coupler 48,3 mm = 14 pcs.

— leg link 110 mm or 150 mm for set up with Layher spindles = 11 in each axis x 4 axis = 44 pcs.

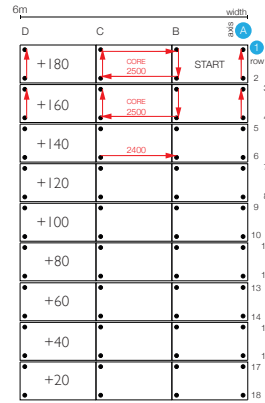
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



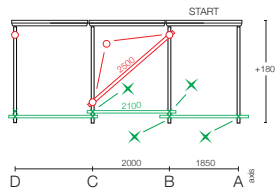
set up horizontal bracing



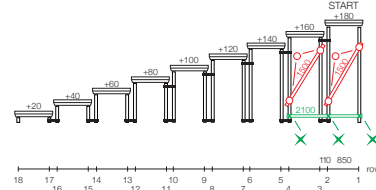
set up diagonal bracing







set up row 1

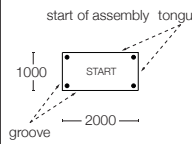


set up axis A



seat gallery 6 x 9 m 9 levels, height: 180 cm, tier height: 20 cm

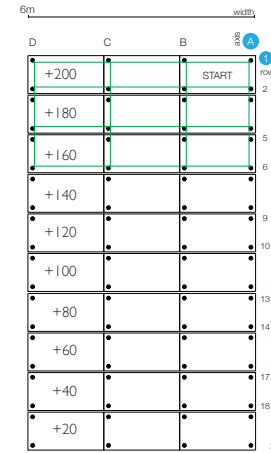
- | | | |
|---|--|-----------|
|  | horizontal bracing | |
| | 9 x horizontal braces for rows 2100 mm x 2 standard couplers | = 18 |
| | 4 x horizontal braces for axis 2100 mm x 3 standard couplers | = 12 |
| | | 30 |
|  | diagonal bracing | |
|  | | |
| direction: from bottom to top | 3 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1/2/4) | = 6 |
| | 1 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 6) | = 2 |
|  | 4 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +180 cm) | = 8 |
| | 4 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm) | = 8 |
| | | 24 |
| | diagonal braces mounted circumferentially from bottom to top clockwise | |



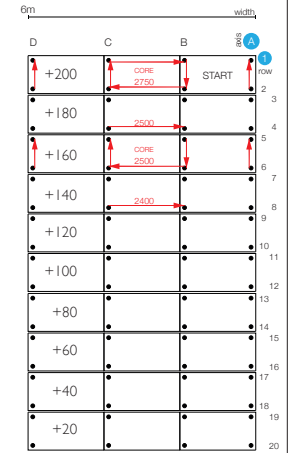
- leg position = 8 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 30 pcs.
 - Layher swivel coupler 48,3 mm = 24 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 13 in each axis x 4 axis = 52 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



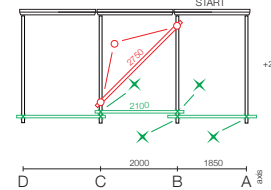
set up horizontal bracing



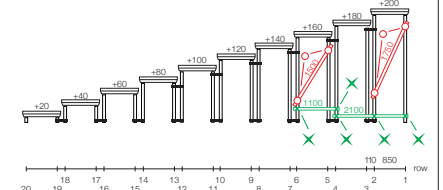
set up diagonal bracing








set up row 1

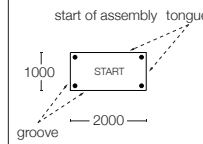


set up axis A



seat gallery 6 x 10 m 10 levels, height: 200 cm, tier height: 20 cm

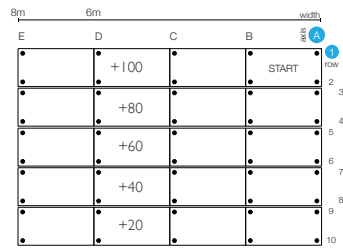
- | | | |
|---|---|-----------|
|  | horizontal bracing | |
| | 12 x horizontal braces for rows 2100 mm x 2 standard couplers | = 24 |
|  | | |
| | 04 x horizontal braces for axis 2100 mm x 3 standard couplers | = 12 |
| | 04 x horizontal braces for axis 1100 mm x 2 standard couplers | = 8 |
| | | 44 |
|  | diagonal bracing | |
|  | | |
| direction: from bottom to top | 02 x diagonal braces for rows 2750 mm x 2 swivel couplers (rows 1/2) | = 4 |
| | 02 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 4/6) | = 4 |
| | 01 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 8) | = 2 |
|  | 04 x diagonal braces for axis 1750 mm x 2 swivel couplers (height: +200 cm) | = 8 |
| | 04 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm) | = 8 |
| | | 26 |
| | diagonal braces mounted circumferentially from bottom to top clockwise | |



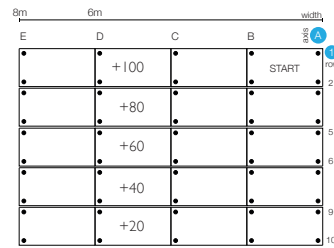
- leg position = 8 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 44 pcs.
 - Layher swivel coupler 48,3 mm = 26 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 15 in each axis x 4 axis = 60 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



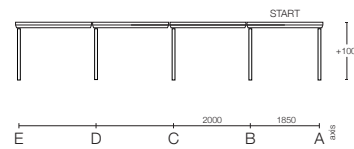
set up horizontal bracing



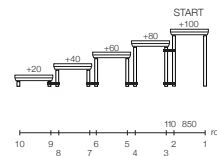
set up diagonal bracing



set up row 1

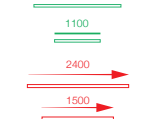


set up axis A



seat gallery 8 x 5 m 5 levels, height: 100 cm, tier height: 20 cm

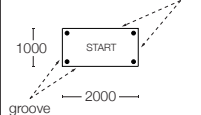
horizontal bracing



diagonal bracing

diagonal braces mounted circumferentially from bottom to top clockwise

start of assembly tongue



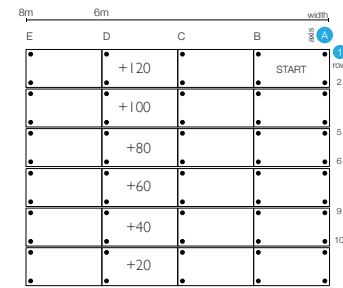
● leg position = 10 legs in each level

— leg link 110 mm or 150 mm for set up with Layher spindles = 5 in each axis x 5 axis = 25 pcs.

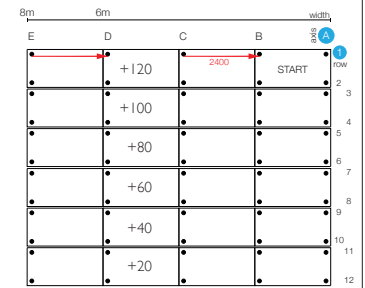
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



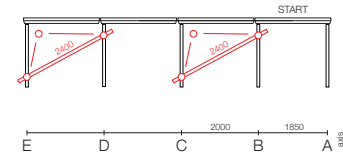
set up horizontal bracing



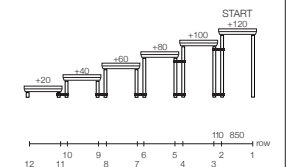
set up diagonal bracing



set up row 1



set up axis A



seat gallery 8 x 6 m 6 levels, height: 120 cm, tier height: 20 cm

horizontal bracing

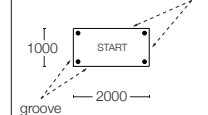


diagonal bracing

2 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 1) = 4

diagonal braces mounted circumferentially from bottom to top clockwise

start of assembly tongue



● leg position = 10 legs in each level

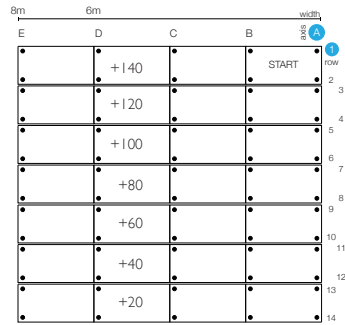
○ Layher swivel coupler 48,3 mm = 4 pcs.

— leg link 110 mm or 150 mm for set up with Layher spindles = 7 in each axis x 5 axis = 35 pcs.

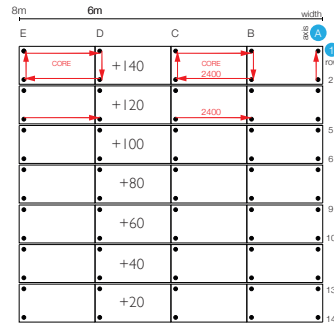
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



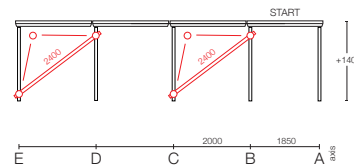
set up horizontal bracing



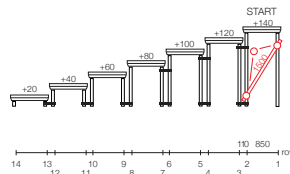
set up diagonal bracing



set up row 1



set up axis A



seat gallery 8 x 7 m 7 levels, height: 140 cm, tier height: 20 cm

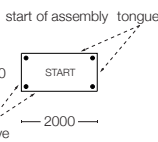
horizontal bracing



diagonal bracing
 6 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 1/2/4) = 12
 5 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +140 cm) = 10



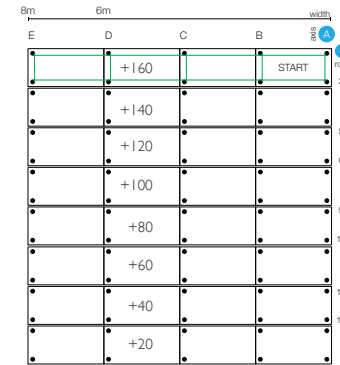
diagonal braces mounted circumferentially from bottom to top clockwise



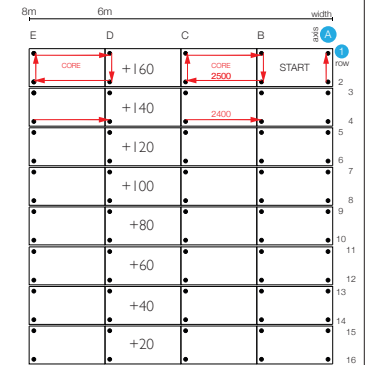
- leg position = 10 legs in each level
 - Layher swivel coupler 48,3 mm = 22 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 9 in each axis x 5 axis = 45 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



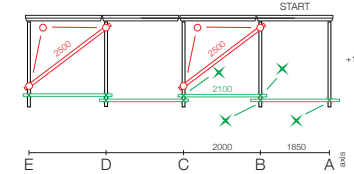
set up horizontal bracing



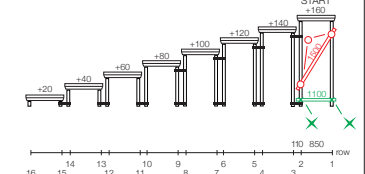
set up diagonal bracing



set up row 1



set up axis A



seat gallery 8 x 8 m 8 levels, height: 160 cm, tier height: 20 cm

horizontal bracing



8 x horizontal braces for rows 2100 mm x 2 standard couplers = 16
 5 x horizontal braces for axis 1100 mm x 2 standard couplers = 10
 ————— 26

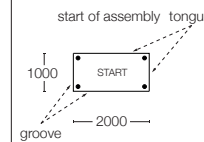
diagonal bracing



4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1+2) = 8
 2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 4) = 4
 5 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm) = 10



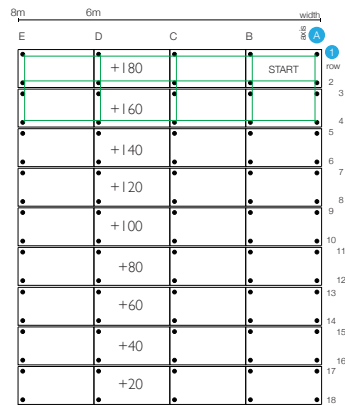
diagonal braces mounted circumferentially from bottom to top clockwise



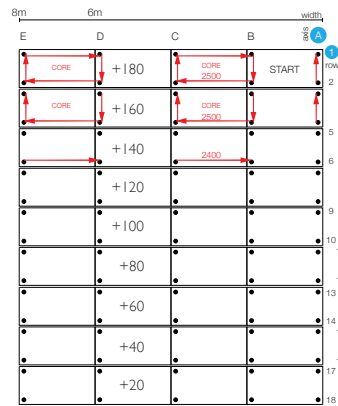
- leg position = 10 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 26 pcs.
 - Layher swivel coupler 48,3 mm = 22 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 11 in each axis x 5 axis = 55 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



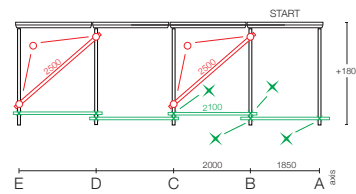
set up horizontal bracing



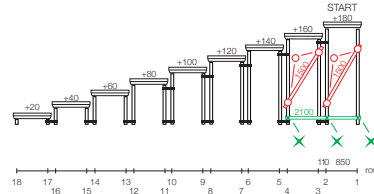
set up diagonal bracing



set up row 1



set up axis A



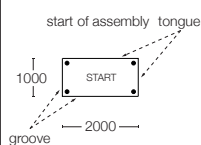
seat gallery 8 x 9 m 9 levels, height: 180 cm, tier height: 20 cm

horizontal bracing
 12 x horizontal braces for rows 2100 mm x 2 standard couplers = 24
 5 x horizontal braces for axis 2100 mm x 3 standard couplers = 15
39

diagonal bracing
 6 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1/2/4) = 12
 2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 6) = 4

5 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +180 cm) = 10
 5 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm) = 10
36

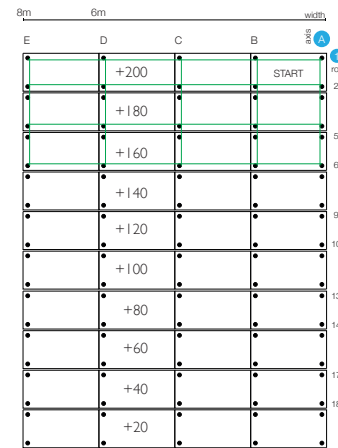
diagonal braces mounted circumferentially from bottom to top clockwise



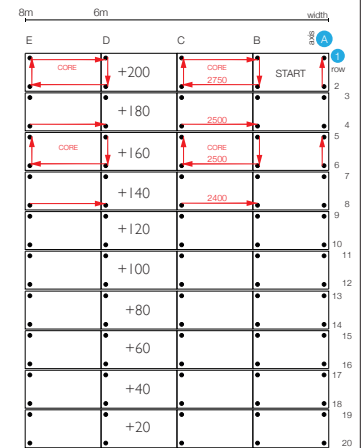
- leg position = 10 legs in each level
- ✕ Layher standard coupler 48,3 mm = 39 pcs.
- Layher swivel coupler 48,3 mm = 36 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 13 in each axis x 5 axis = 65 pcs.

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

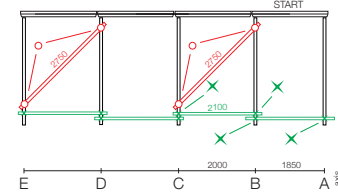
set up horizontal bracing



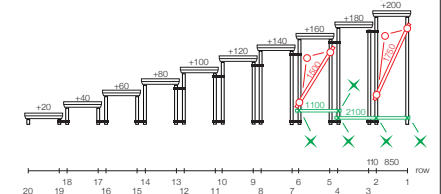
set up diagonal bracing



set up row 1



set up axis A



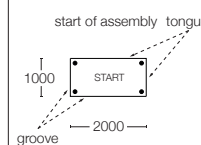
seat gallery 8,00 x 10,00 m 10 levels, height: 200 cm, tier height: 20 cm

horizontal bracing
 16 x horizontal braces for rows 2100 mm x 2 standard couplers = 32
 5 x horizontal braces for axis 2100 mm x 3 standard couplers = 15
 5 x horizontal braces for axis 1100 mm x 2 standard couplers = 10
57

diagonal bracing
 4 x diagonal braces for rows 2750 mm x 2 swivel couplers (rows 2+1) = 8
 4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 6+4) = 8
 2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 8) = 4

5 x diagonal braces for axis 1750 mm x 2 swivel couplers (height: +200 cm) = 10
 5 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm) = 10
40

diagonal braces mounted circumferentially from bottom to top clockwise



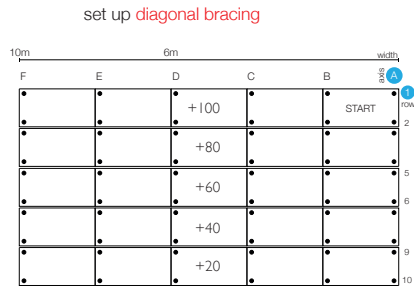
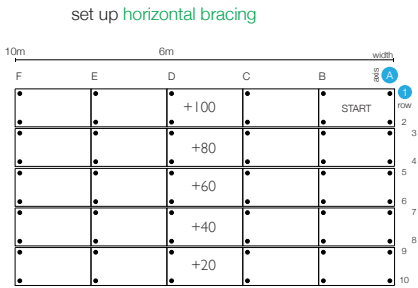
- leg position = 10 legs in each level
- ✕ Layher standard coupler 48,3 mm = 57 pcs.
- Layher swivel coupler 48,3 mm = 40 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 15 in each axis x 5 axis = 75 pcs.

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

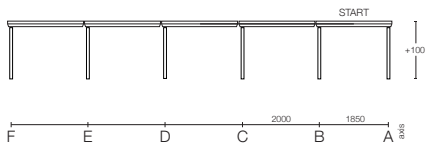


illustration of base construction 10 x 5 m

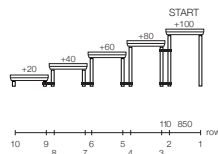
set up scheme **T1005.102**



set up row 1

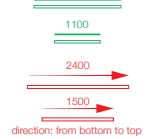


set up axis A



seat gallery 10 x 5 m 5 levels, height: 100 cm, tier height: 20 cm

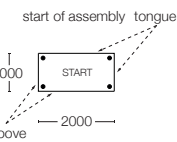
horizontal bracing



diagonal bracing



diagonal braces mounted circumferentially from bottom to top clockwise



● leg position = 12 legs in each level

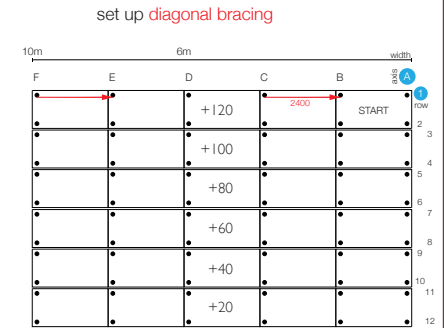
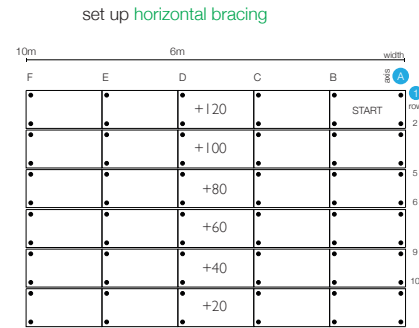
— leg link 110 mm or 150 mm for set up with Layher spindles = 5 in each axis x 6 axis = 30 pcs.

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

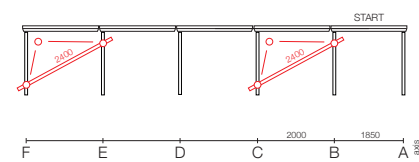


illustration of base construction 10 x 6 m

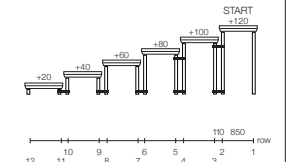
set up scheme **T1006.122**



set up row 1



set up axis A



seat gallery 10 x 6 m 6 levels, height: 120 cm, tier height: 20 cm

horizontal bracing

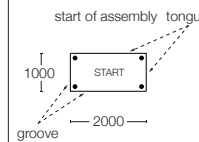


diagonal bracing

2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 1) = 4



diagonal braces mounted circumferentially from bottom to top clockwise



● leg position = 12 legs in each level

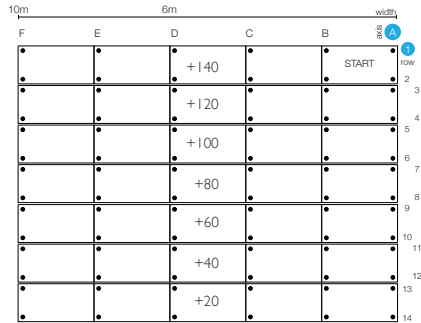
○ Layher swivel coupler 48,3 mm = 4 pcs.

— leg link 110 mm or 150 mm for set up with Layher spindles = 7 in each axis x 6 axis = 42 pcs.

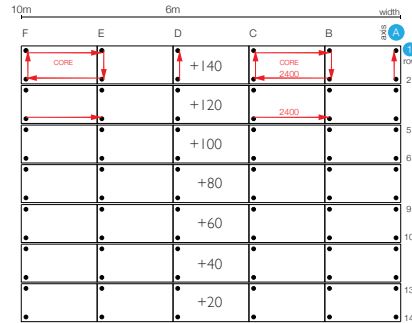
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



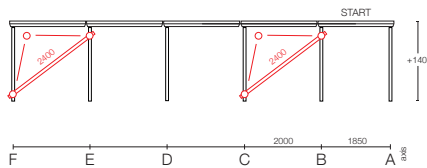
set up horizontal bracing



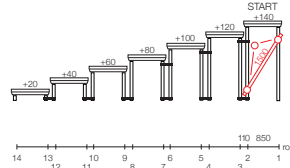
set up diagonal bracing



set up row 1

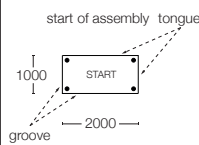


set up axis A



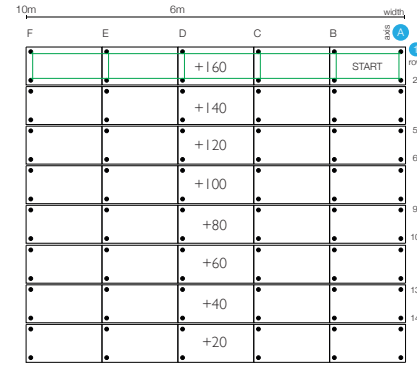
seat gallery 10 x 7 m 7 levels, height: 140 cm, tier height: 20 cm

- horizontal bracing
- horizontal bracing
- diagonal bracing
- 6 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 1/2/4) = 12
- diagonal bracing
- 6 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +140 cm) = 12
- diagonal braces mounted circumferentially from bottom to top clockwise

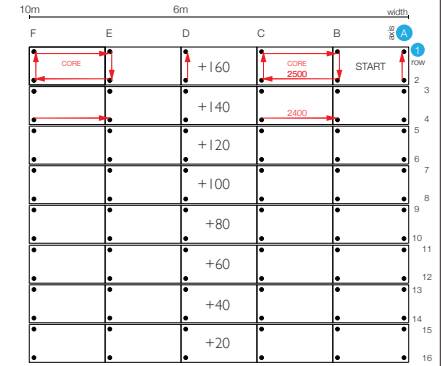


- leg position = 12 legs in each level
- Layher swivel coupler 48,3 mm = 24 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 9 in each axis x 6 axis = 54 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

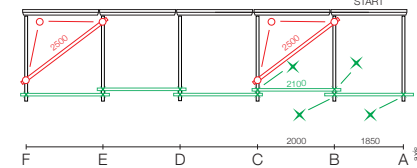
set up horizontal bracing



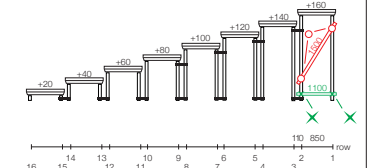
set up diagonal bracing



set up row 1

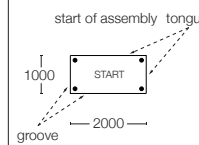


set up axis A



seat gallery 10 x 8 m 8 levels, height: 160 cm, tier height: 20 cm

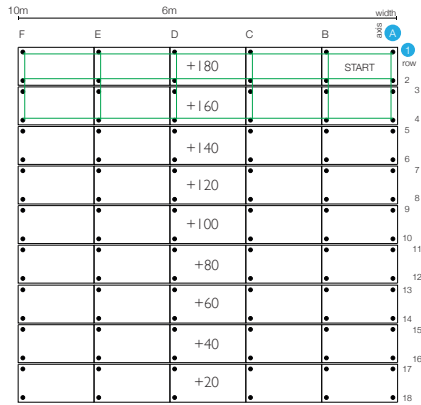
- horizontal bracing
- horizontal bracing
- diagonal bracing
- 10 x horizontal braces for rows 2100 mm x 2 standard couplers = 20
- 6 x horizontal braces for axis 1100 mm x 2 standard couplers = 12
- 32**
- diagonal bracing
- 4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1/2) = 8
- 2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 4) = 4
- diagonal bracing
- 6 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm) = 12
- diagonal braces mounted circumferentially from bottom to top clockwise



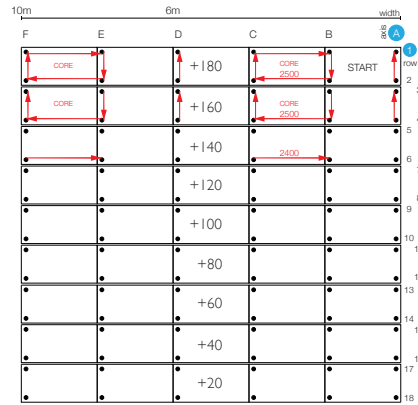
- leg position = 12 legs in each level
- × Layher standard coupler 48,3 mm = 32 pcs.
- Layher swivel coupler 48,3 mm = 24 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 11 in each axis x 6 axis = 66 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



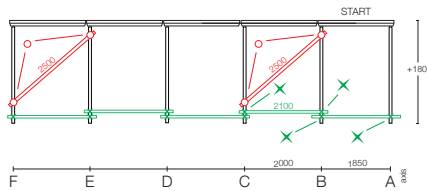
set up horizontal bracing



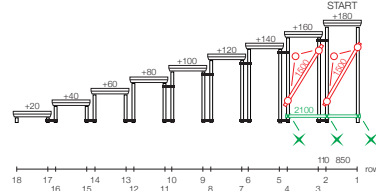
set up diagonal bracing



set up row 1

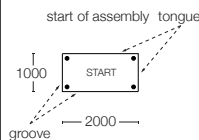


set up axis A



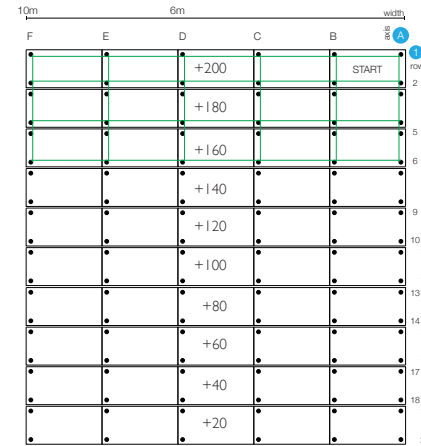
seat gallery 10 x 9 m 9 levels, height: 180 cm, tier height: 20 cm

	horizontal bracing	
	15 x horizontal braces for rows 2100 mm x 2 standard couplers	= 30
	6 x horizontal braces for axis 2100 mm x 3 standard couplers	= 18
		48
	diagonal bracing	
	6 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1/2/4)	= 12
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 6)	= 4
	6 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +180 cm)	= 12
	6 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 12
		40
	diagonal braces mounted circumferentially from bottom to top clockwise	

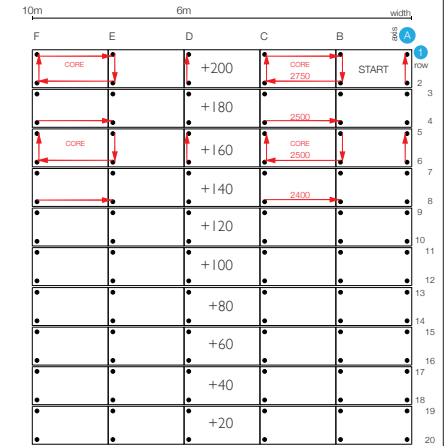


- leg position = 12 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 48 pcs.
 - Layher swivel coupler 48,3 mm = 40 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 13 in each axis x 7 axis = 78 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

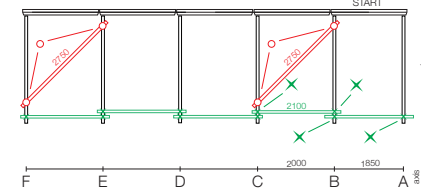
set up horizontal bracing



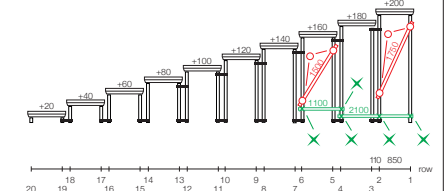
set up diagonal bracing



set up row 1

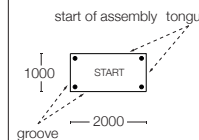


set up axis A



seat gallery 10 x 10 m 10 levels, height: 200 cm, tier height: 20 cm

	horizontal bracing	
	20 x horizontal braces for rows 2100 mm x 2 standard couplers	= 40
	6 x horizontal braces for axis 2100 mm x 3 standard couplers	= 18
	6 x horizontal braces for axis 1100 mm x 2 standard couplers	= 12
		70
	diagonal bracing	
	4 x diagonal braces for rows 2750 mm x 2 swivel couplers (rows 1/2)	= 8
	4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 4/6)	= 8
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 8)	= 4
	6 x diagonal braces for axis 1750 mm x 2 swivel couplers (height: +160 cm)	= 12
	6 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +200 cm)	= 12
		44
	diagonal braces mounted circumferentially from bottom to top clockwise	



- leg position = 12 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 70 pcs.
 - Layher swivel coupler 48,3 mm = 44 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 15 in each axis x 6 axis = 90 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

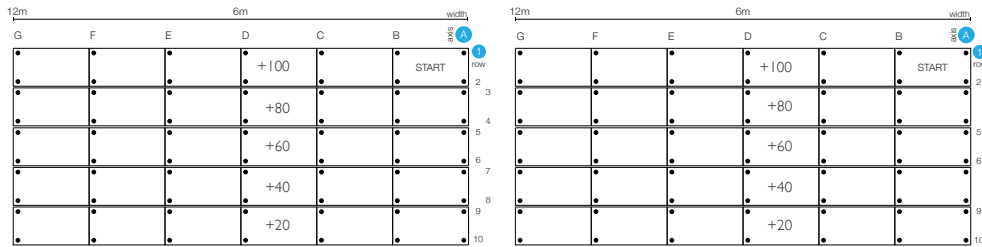


illustration of base construction 12 x 5 m

set up scheme **T1205.102**

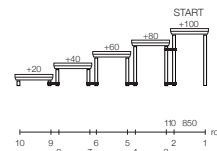
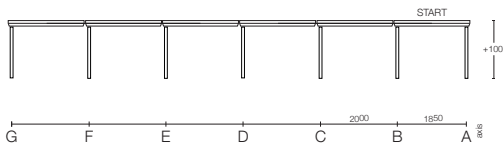
set up horizontal bracing

set up diagonal bracing



set up row 1

set up axis A



seat gallery 12 x 5 m 5 levels, height: 100 cm, tier height: 20 cm

2100 horizontal bracing

1100

2400 diagonal bracing

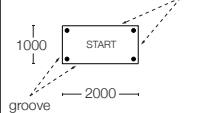
1500

direction: from bottom to top

CORE

diagonal braces mounted circumferentially from bottom to top clockwise

start of assembly tongue



● leg position = 14 legs in each level

leg link 110 mm or 150 mm for set up with Layher spindles = 5 in each axis x 7 axis = 35 pcs.

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

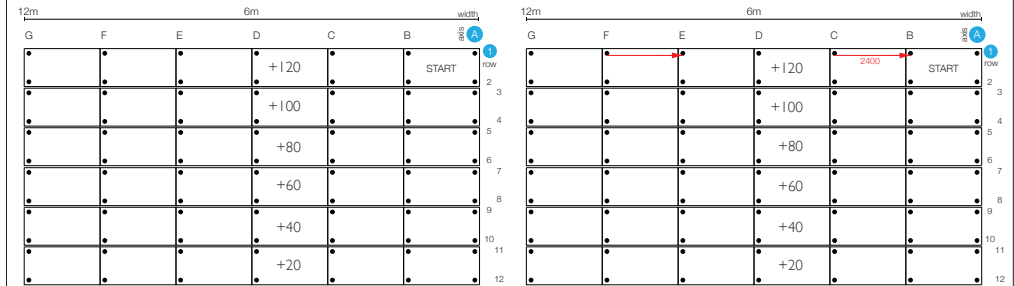


illustration of base construction 12 x 6 m

set up scheme **T1206.122**

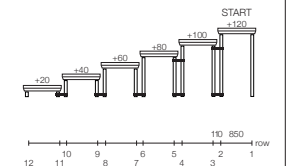
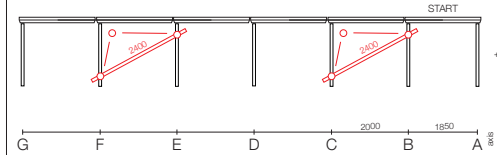
set up horizontal bracing

set up diagonal bracing



set up row 1

set up axis A



seat gallery 12 x 6 m 6 levels, height: 120 cm, tier height: 20 cm

2100 horizontal bracing

1100

2400 diagonal bracing

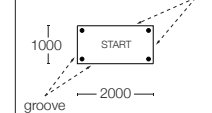
1500

direction: from bottom to top

CORE

diagonal braces mounted circumferentially from bottom to top clockwise

start of assembly tongue



● leg position = 14 legs in each level

○ Layher swivel coupler 48,3 mm = 4 pcs.

leg link 110 mm or 150 mm for set up with Layher spindles = 7 in each axis x 7 axis = 49 pcs.

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

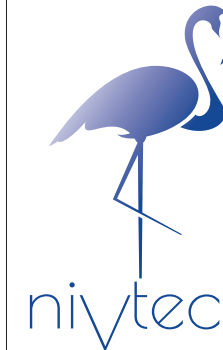
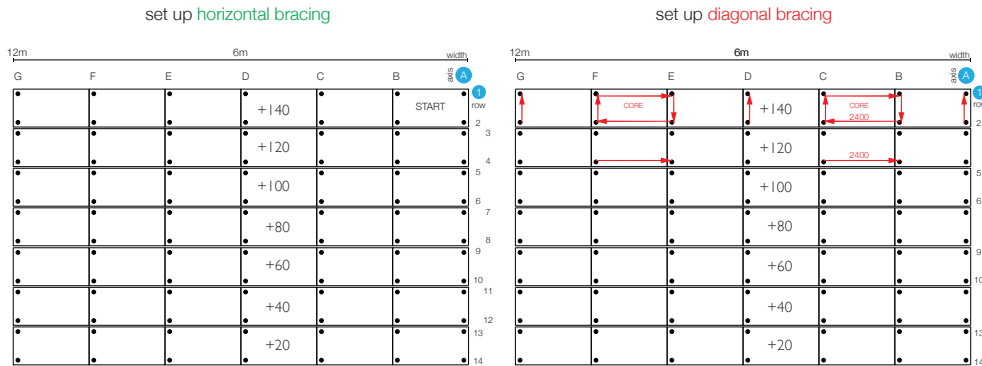
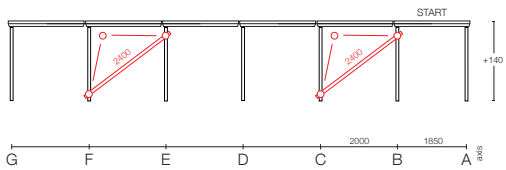


illustration of base construction 12 x 7 m

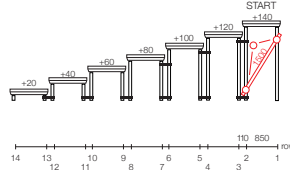
set up scheme **T1207.142**



set up row 1



set up axis A



seat gallery 12 x 7 m 7 levels, height: 140 cm, tier height: 20 cm

horizontal bracing

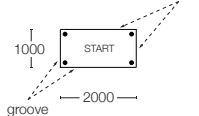


diagonal bracing
6 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 1/2/4) = 12

7 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +140 cm) = 14

diagonal braces mounted circumferentially from bottom to top clockwise = 26

start of assembly tongue



● leg position = 14 legs in each level

○ Layher swivel coupler 48,3 mm = 26 pcs.

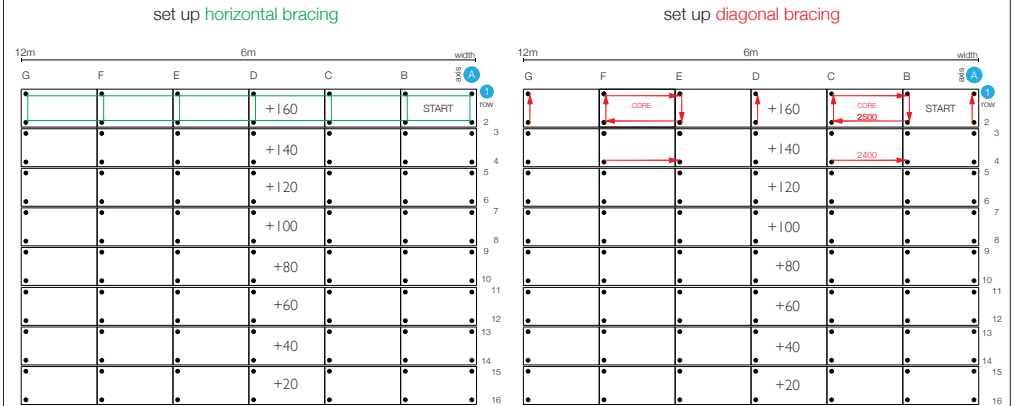
— leg link 110 mm or 150 mm for set up with Layher spindles = 9 in each axis x 7 axis = 63 pcs.

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

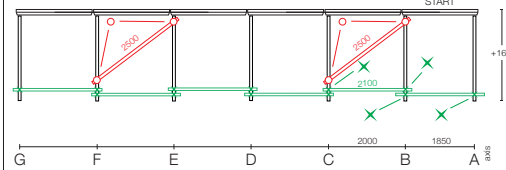


illustration of base construction 12 x 8 m

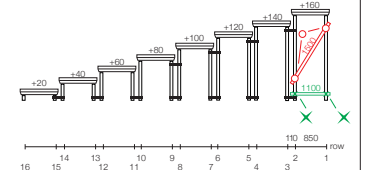
set up scheme **T1208.162**



set up row 1



set up axis A



seat gallery 12 x 8 m 8 levels, height: 160 cm, tier height: 20 cm

horizontal bracing



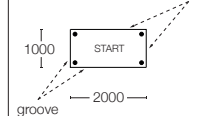
12 x horizontal braces for rows 2100 mm x 2 standard couplers = 24
7 x horizontal braces for axis 1100 mm x 2 standard couplers = 14
38

diagonal bracing
4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1+2) = 8
2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 4) = 4

7 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm) = 14

diagonal braces mounted circumferentially from bottom to top clockwise = 26

start of assembly tongue



● leg position = 14 legs in each level

✕ Layher standard coupler 48,3 mm = 38 pcs.

○ Layher swivel coupler 48,3 mm = 26 pcs.

— leg link 110 mm or 150 mm for set up with Layher spindles = 11 in each axis x 7 axis = 77 pcs.

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



illustration of base construction 12 x 9 m

set up scheme **T1209.182**

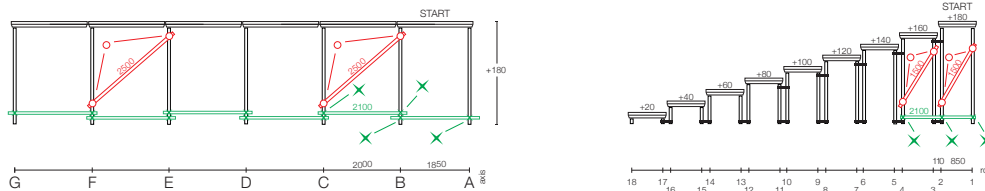
set up horizontal bracing

set up diagonal bracing







set up row 1

set up axis A



seat gallery 12 x 9 m 9 levels, height: 180 cm, tier height: 20 cm

	horizontal bracing	
	18 x horizontal braces for rows 2100 mm x 2 standard couplers	= 36
	7 x horizontal braces for axis 2100 mm x 3 standard couplers	= 21
		57
	diagonal bracing	
	6 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1/2/4)	= 12
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 6)	= 4
	7 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +180 cm)	= 14
	7 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 14
		44
	diagonal braces mounted circumferentially from bottom to top clockwise	

- leg position = 14 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 57 pcs.
 - Layher swivel coupler 48,3 mm = 44 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 13 in each axis x 7 axis = 91 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



illustration of base construction 12 x 10 m

set up scheme **T1210.202**

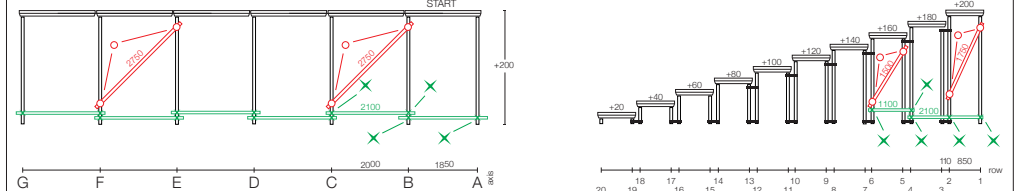
set up horizontal bracing

set up diagonal bracing







set up row 1

set up axis A

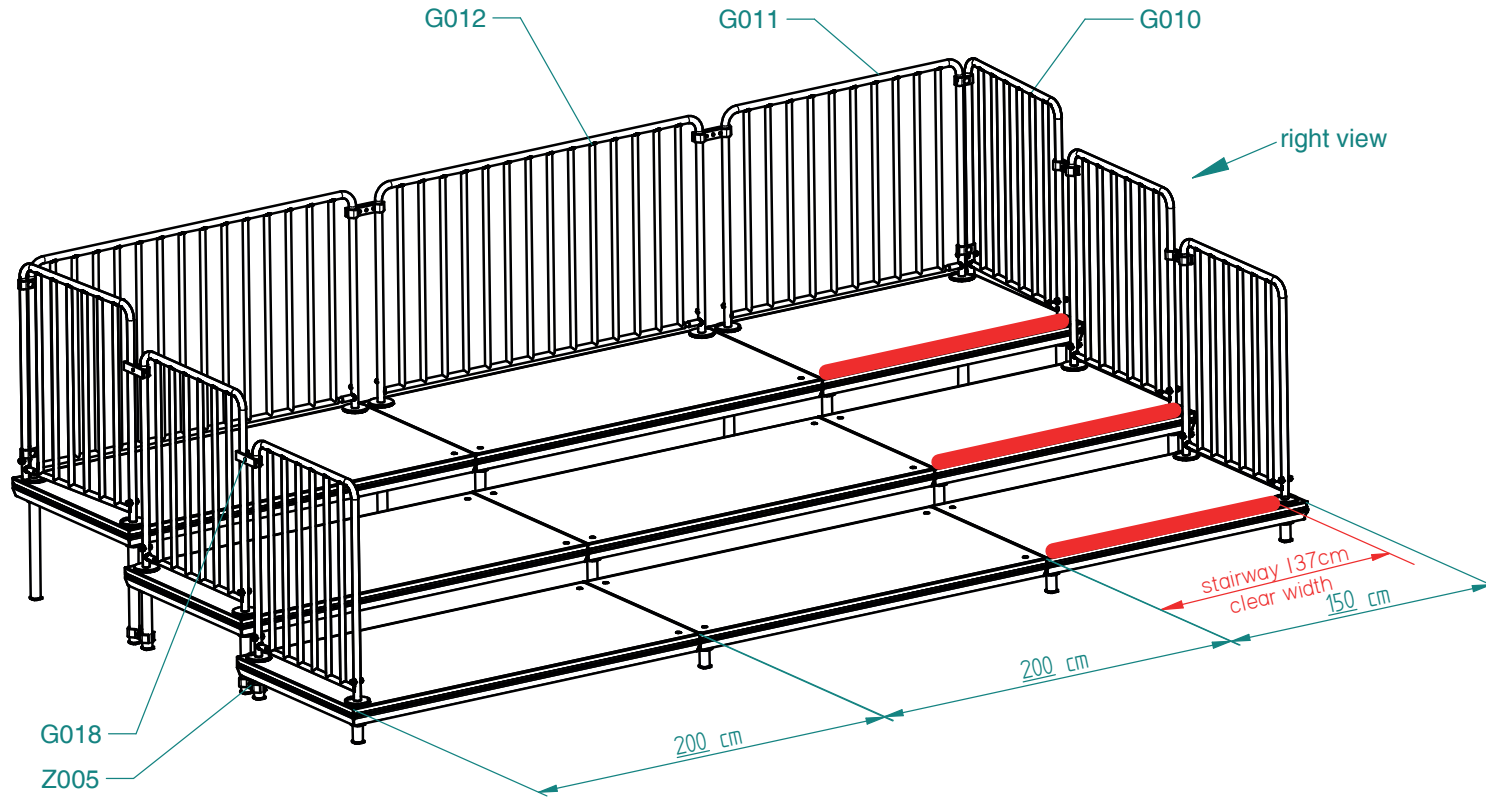


seat gallery 12 x 10 m 10 levels, height: 200 cm, tier height: 20 cm

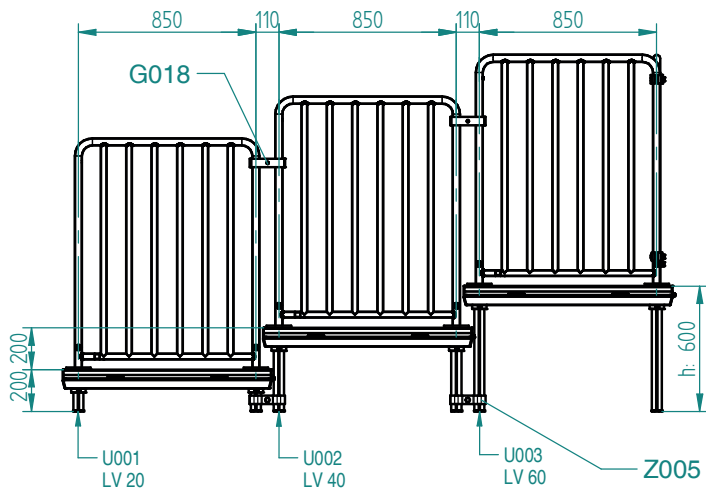
	horizontal bracing	
	24 x horizontal braces for rows 2100 mm x 2 standard couplers	= 48
	7 x horizontal braces for axis 2100 mm x 3 standard couplers	= 21
	7 x horizontal braces for axis 1100 mm x 2 standard couplers	= 14
		83
	diagonal bracing	
	4 x diagonal braces for rows 2750 mm x 2 swivel couplers (rows 1/2)	= 8
	4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 4/6)	= 8
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 8)	= 4
	7 x diagonal braces for axis 1750 mm x 2 swivel couplers (height: +200 cm)	= 14
	7 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 14
		48
	diagonal braces mounted circumferentially from bottom to top clockwise	

- leg position = 14 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 83 pcs.
 - Layher swivel coupler 48,3 mm = 48 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 15 in each axis x 7 axis = 105 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

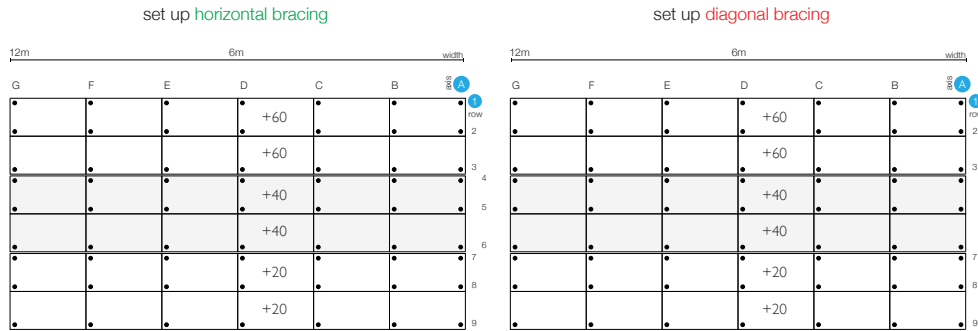




right view

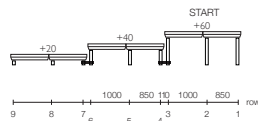
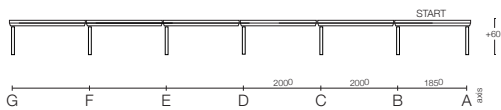


seat gallery 3 step for h: 60 cm, tier height 20, stairway at the side			
Group	Art.No.	Description	Piece
P001	111 01 0	system platform 200 x 100 cm	6
P002	111 03 0	system platform 150 x 100 cm stairway	3
base construction			
U003	201 03 1	alu load distributor leg stage h: 60 cm	8
U002	201 02 1	alu load distributor leg stage h: 40 cm	8
U001	201 01 1	alu load distributor leg stage h: 20 cm	8
U011	200 06 7	floor protector for LD- & BB-leg skid-proof blue square (inkl.)	24
Z005	401 10 0	leg link 110 mm	8
gallery rails, 3 sides			
G012	303 03 0	safety rail vertical bars h:110 cm w: 185 cm	2
G011	303 04 0	safety rail vertical bars h:110 cm w: 135 cm	1
G010	303 02 0	safety rail vertical bars h:110 cm w: 85 cm	6
G015	310 01 0	rail support bolt Ø 26 mm	16
G017	310 10 5	rail link stage 150 mm reinforced	2
G018	310 11 0	rail link gallery 110 mm	4
G019	310 20 0	adapter Ø 48.3 mm	2
G020	310 21 0	corner link	4



set up row 1

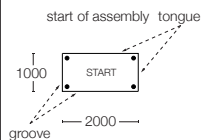
set up axis A



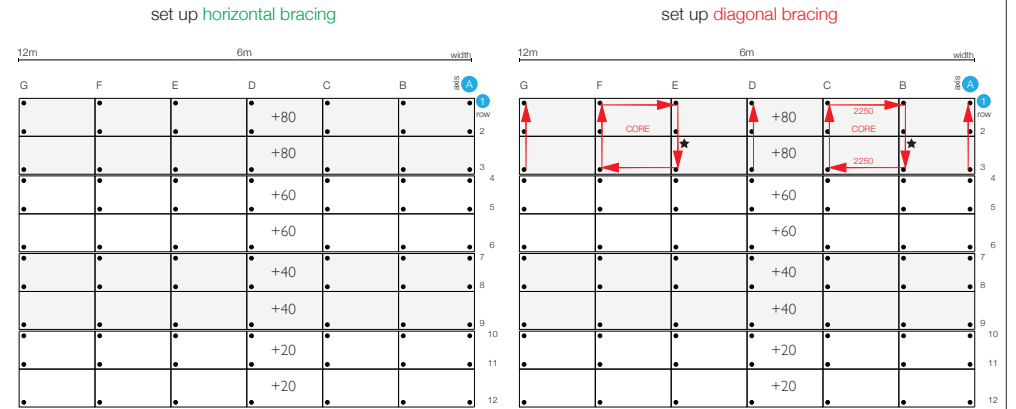
seat gallery 12 x 6 m 4 levels, height: 80 cm, tier height: 20 cm, tier depth: 2m

horizontal bracing

diagonal bracing

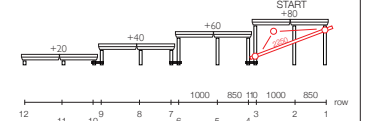
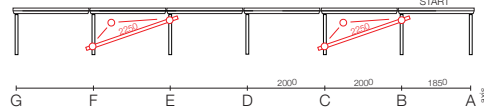


- leg position = 21 legs in each level
- leg link 110 mm or 150 mm for set up with Layher spindles = 2 in each axis x 7 axis = 14 pcs.
1 x leg link < 80 cm > 2 x leg link per leg
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



set up row 1

set up axis A



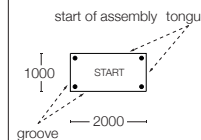
seat gallery 12 x 8 m 4 levels, height: 80 cm, tier height: 20 cm, tier depth: 2m

horizontal bracing

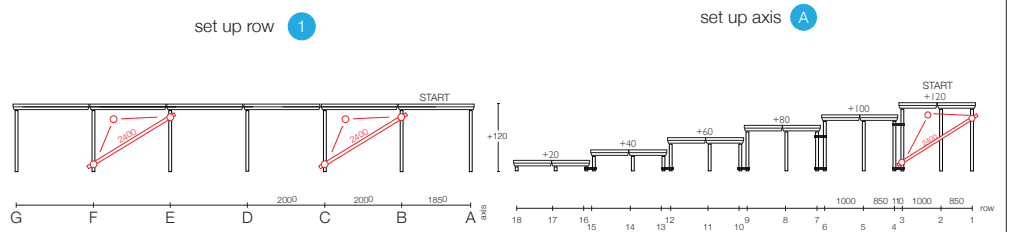
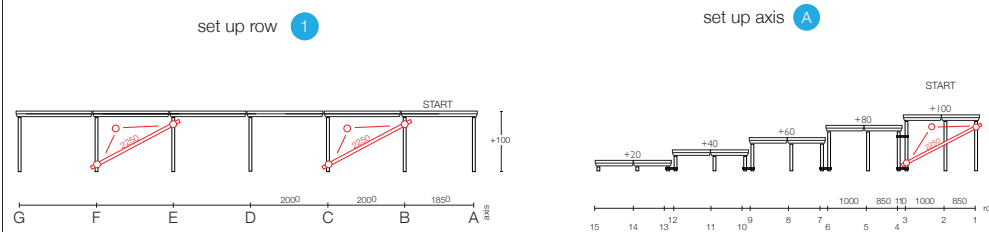
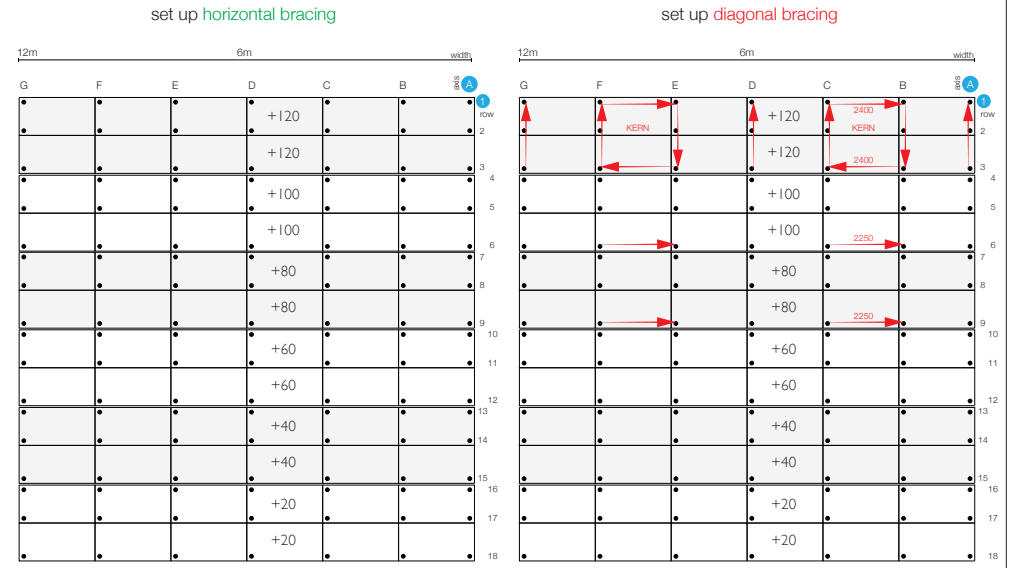
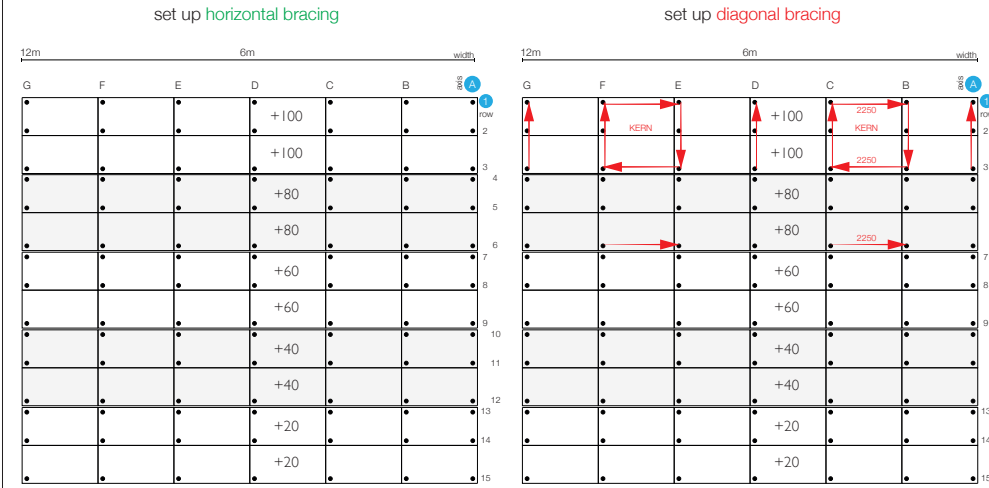
diagonal bracing

- 2100
- 2250
- 1300
- direction: from bottom to top
- 2250
- 2250
- 4 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 1+3) = 8
- 7 x diagonal braces for axis 2250 mm x 2 swivel couplers (height: +80 cm) = 14
- 22**

★ at stage height = 80 cm this diagonal can be dispensed with diagonal braces mounted circumferentially from bottom to top clockwise



- leg position = 21 legs in each level
- Layher swivel coupler 48,3 mm = 22 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 3 in each axis x 7 axis = 21 pcs.
1 x leg link < 80 cm > 2 x leg link per leg
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



seat gallery 12 x 10 m 5 levels, height: 100 cm, tier height: 20 cm, tier depth: 2m

horizontal bracing
2100

diagonal bracing
2250
1300
direction: from bottom to top
CORE

6 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 1+3+6) = 12
7 x diagonal braces for axis 2250 mm x 2 swivel couplers (height: +100 cm) = 14
26
diagonal braces mounted circumferentially from bottom to top clockwise

start of assembly tongue
1000
START
groove
2000

- leg position = 21 legs in each level
- Layher swivel coupler 48,3 mm = 26 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 5 in each axis x 7 axis = 35 pcs.
1 x leg link < 80 cm > 2 x leg link per leg

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

seat gallery 12 x 12 m 6 levels, height: 120 cm, tier height: 20 cm, tier depth: 2m

horizontal bracing
2100

diagonal bracing
2400
1500
direction: from bottom to top
CORE

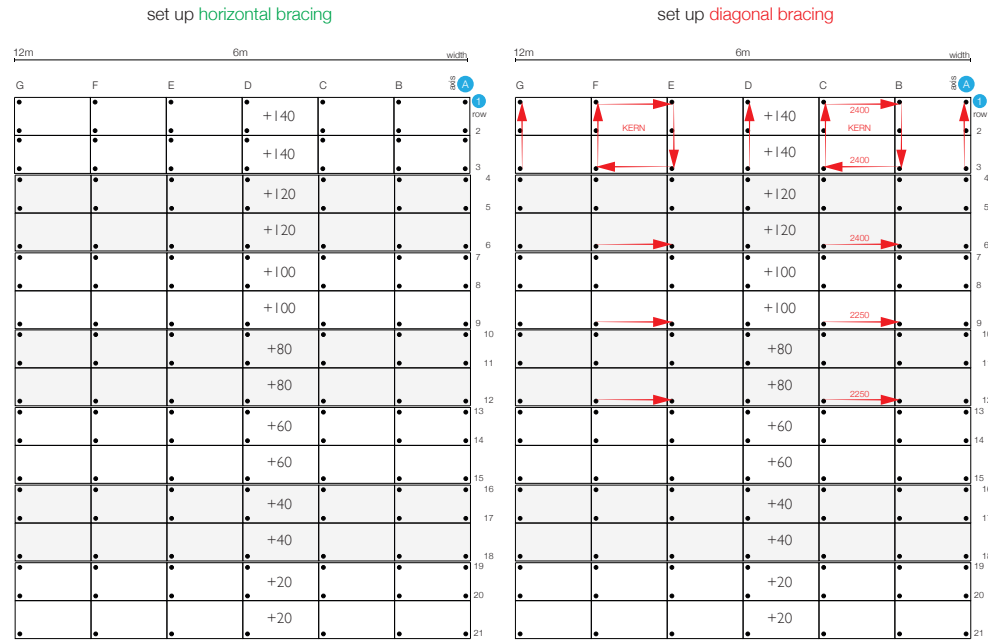
4 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 1+3) = 8
4 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 6+9) = 8
7 x diagonal braces for axis 2400 mm x 2 swivel couplers (height: +120 cm) = 14
30
diagonal braces mounted circumferentially from bottom to top clockwise

start of assembly tongue
1000
START
groove
2000

- leg position = 21 legs in each level
- Layher swivel coupler 48,3 mm = 30 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 7 in each axis x 7 axis = 49 pcs.
1 x leg link < 80 cm > 2 x leg link per leg

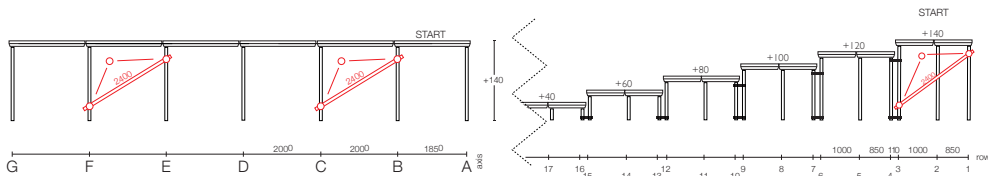
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6





set up row 1

set up axis A



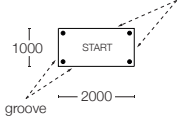
seat gallery 12 x 14 m 7 levels, height: 140 cm, tier height: 20 cm, tier depth: 2m

2100 horizontal bracing

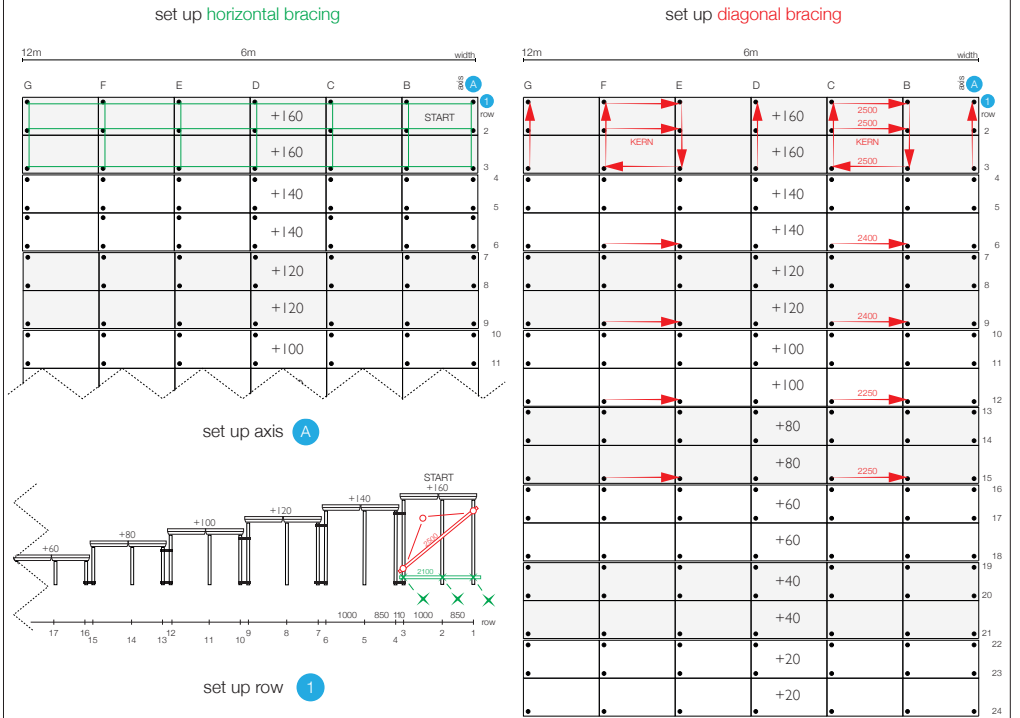
2400 diagonal bracing
 6 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 1+3+6) = 12
 4 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 9+12) = 8
 7 x diagonal braces for axis 2400 mm x 2 swivel couplers (height: +140 cm) = 14
34

diagonal braces mounted circumferentially from bottom to top clockwise

start of assembly tongue

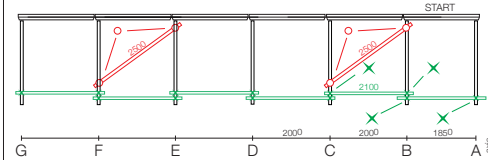
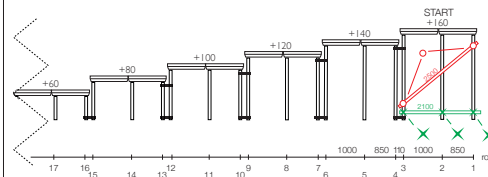


- leg position = 21 legs in each level
- Layher swivel coupler 48,3 mm = 34 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 9 in each axis x 7 axis = 63 pcs.
1 x leg link < 80 cm > 2 x leg link per leg
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



set up axis A

set up row 1



seat gallery 12 x 16 m 8 levels, height: 160 cm, tier height: 20 cm, tier depth: 2m

2100 horizontal bracing

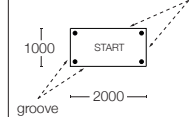
18 x horizontal braces for rows 2100 mm x 2 standard couplers = 36
 7 x horizontal braces for axis 2100 mm x 3 standard couplers = 21

2500 diagonal bracing
 6 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1+2+3) = 12
 4 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 6+9) = 8
 4 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 12+15) = 8

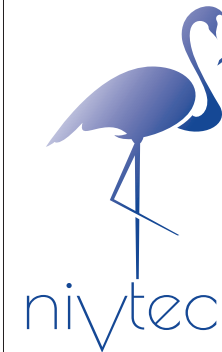
7 x diagonal braces for axis 2500 mm x 2 swivel couplers (height: +160 cm) = 14
42

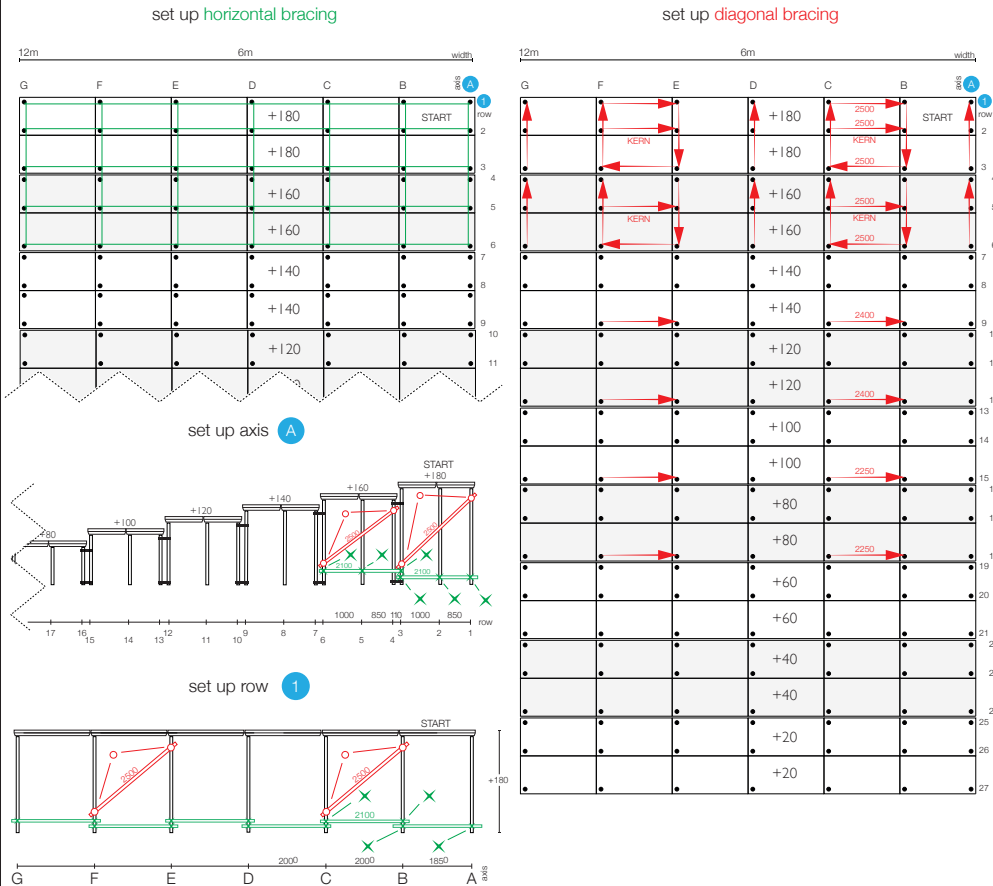
diagonal braces mounted circumferentially from bottom to top clockwise

start of assembly tongue







- leg position = 21 legs in each level
- × Layher standard coupler 48,3 mm = 57 pcs.
- Layher swivel coupler 48,3 mm = 42 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 11 in each axis x 7 axis = 77 pcs.
1 x leg link < 80 cm > 2 x leg link per leg
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

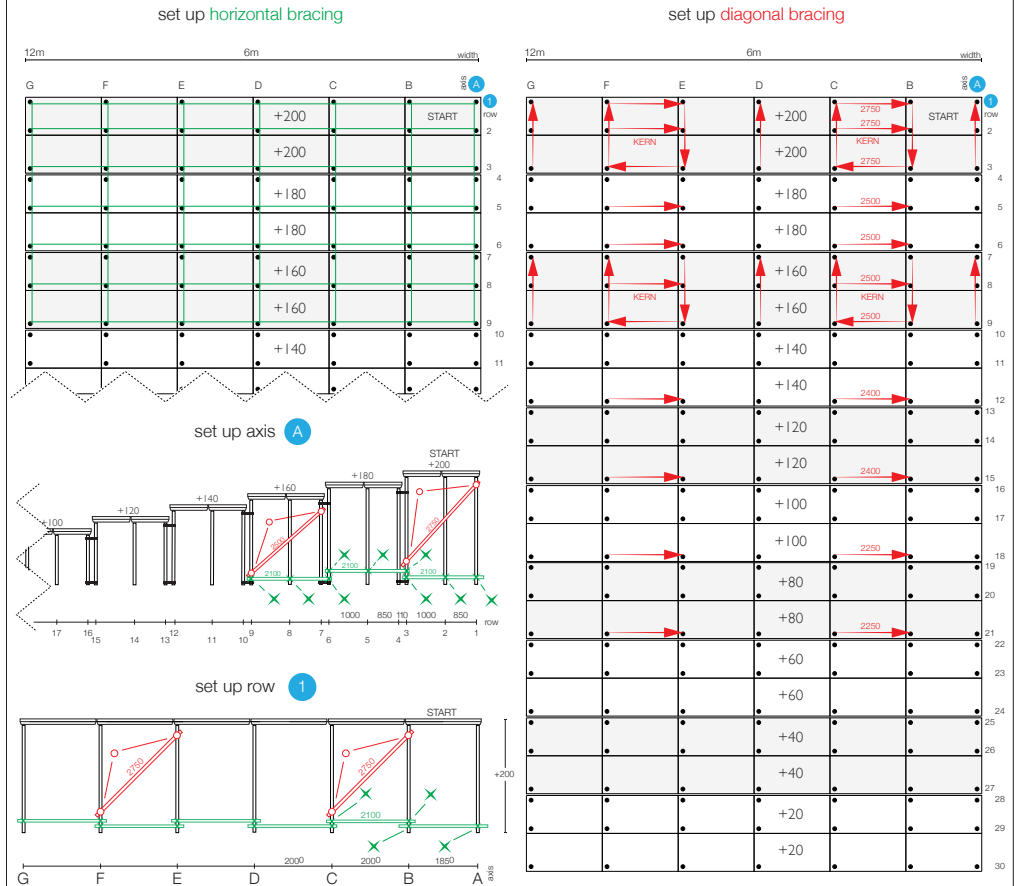








seat gallery 12 x 18 m 9 levels, height: 180 cm, tier height: 20 cm, tier depth: 2m

	horizontal bracing	
	30 x horizontal braces for rows 2100 mm x 2 standard couplers	= 60
	14 x horizontal braces for axis 2100 mm x 3 standard couplers	= 42
		102
	diagonal bracing	
	6 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1+2+3)	= 12
	4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 5+6)	= 8
	4 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 9+12)	= 8
	4 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 15+18)	= 8
	7 x diagonal braces for axis 2500 mm x 2 swivel couplers (height: +180 cm)	= 14
	7 x diagonal braces for axis 2500 mm x 2 swivel couplers (height: +160 cm)	= 14
	diagonal braces mounted circumferentially from bottom to top clockwise	64

- leg position = 21 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 102 pcs.
 - Layher swivel coupler 48,3 mm = 64 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 13 in each axis x 7 axis = 91 pcs.
1 x leg link < 80 cm > 2 x leg link per leg
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



seat gallery 12 x 20 m 10 levels, height: 200 cm, tier height: 20 cm, tier depth: 2m

	horizontal bracing	
	42 x horizontal braces for rows 2100 mm x 2 standard couplers	= 84
	21 x horizontal braces for axis 2100 mm x 3 standard couplers	= 63
		147
	diagonal bracing	
	6 x diagonal braces for rows 2750 mm x 2 swivel couplers (rows 1+2+3)	= 12
	8 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 5+6+8+9)	= 16
	4 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 12+15)	= 8
	4 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 18+21)	= 8
	7 x diagonal braces for axis 2750 mm x 2 swivel couplers (height: +200 cm)	= 14
	7 x diagonal braces for axis 2500 mm x 2 swivel couplers (height: +160 cm)	= 14
	diagonal braces mounted circumferentially from bottom to top clockwise	72

- leg position = 21 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 147 pcs.
 - Layher swivel coupler 48,3 mm = 72 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 15 in each axis x 7 axis = 105 pcs.
1 x leg link < 80 cm > 2 x leg link per leg
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



Set up rules in their most straight-forward version

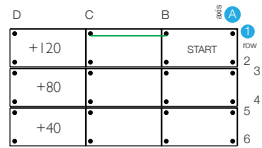
Gallery tier height 40 cm, level depth 1 m

General rules:

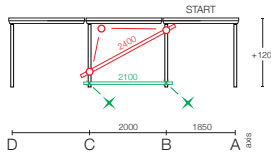
- The set-up corresponds to the set-up of a gallery with a tier height of 20 cm, but with the following additions.

Sample gallery 6 x 3 m, gallery height 120 cm:

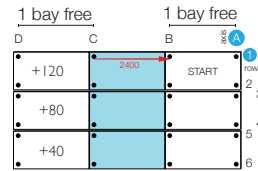
Depiction of horizontal bracing



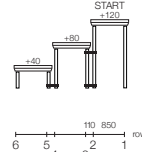
Depiction of row 1



Depiction of diagonal bracing



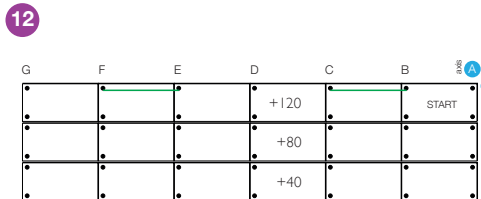
Depiction of axis A



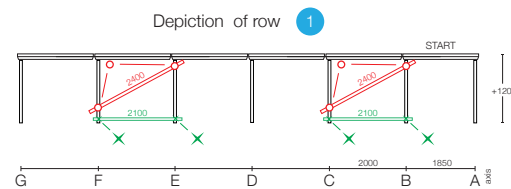
- In addition to the row diagonal brace which is sufficient for tier height 20 cm, a row horizontal brace is mounted at the rear for tier height 40 cm and fastened with Layher standard couplers, so that a maximum of one brace-free bay remains to each corner of the gallery. This creates the same bracing pattern as for stages as well as for galleries with tier height 20 cm.

Expansion of the gallery in width by 6 m to 12 m:

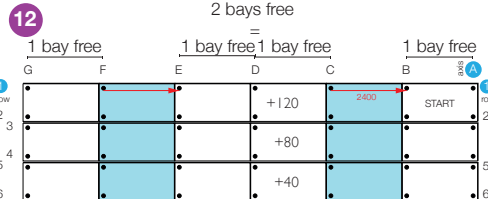
set up of horizontal bracing



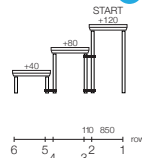
initial gallery 12 m wide



set up of diagonal bracing

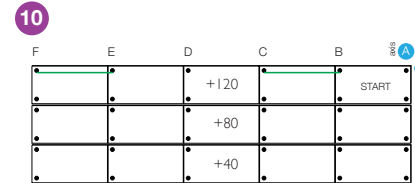


Depiction of axis A



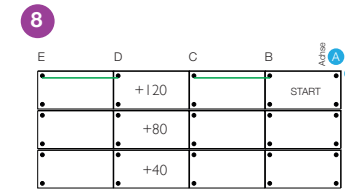
Modification of the width of the gallery:

set up of horizontal bracing



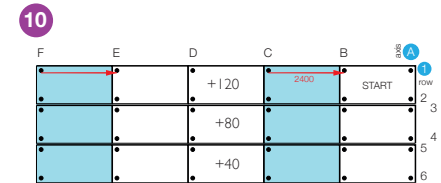
modified gallery 10 m wide

set up of horizontal bracing

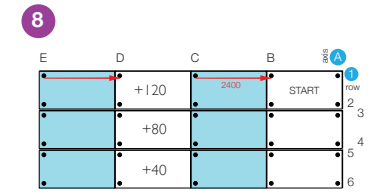


modified gallery 8 m wide

set up of diagonal bracing

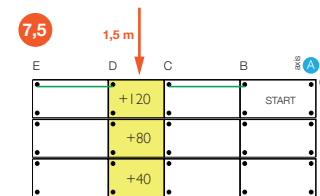


set up of diagonal bracing

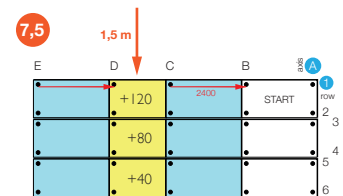


Modification of the gallery deviating from the standard dimension (2 m in width)

set up of horizontal bracing



set up of diagonal bracing



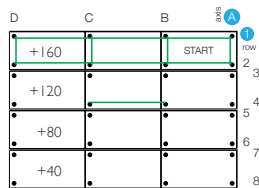
Set up rules in their most straight-forward version

Gallery tier height 40 cm, level depth 1 m

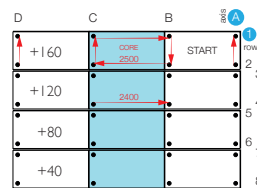
Extension of the gallery in height:

gallery height 160 cm

set up of horizontal bracing

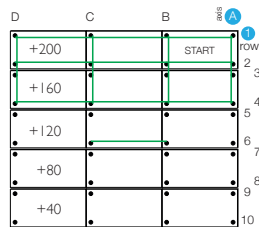


set up of diagonal bracing

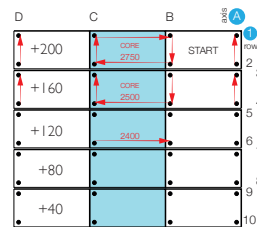


gallery height 200 cm

set up of horizontal bracing

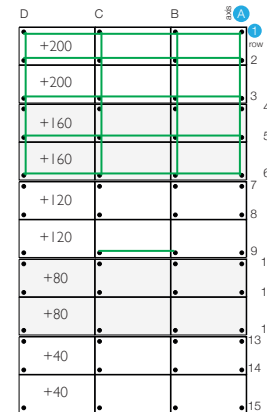


set up of diagonal bracing

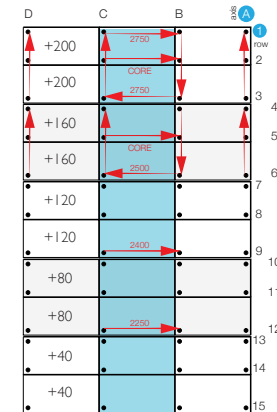


2 Modification of the level depth from 1 m to 2 m:

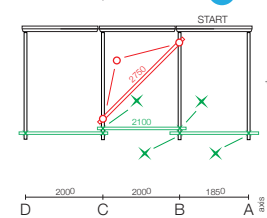
set up of horizontal bracing



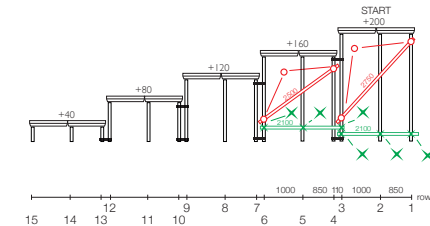
set up of diagonal bracing



set up of row



set up of axis



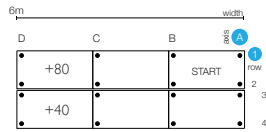
• Here, in essence, the same approach is repeated as for the gallery with tier height 20 cm. At level height of 120 cm a row horizontal brace is always installed in addition to the diagonal row brace.

• Here, in essence, the same approach is repeated as for the gallery with tier height 20 cm.

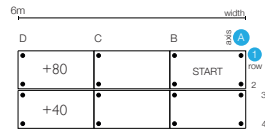
• For gallery height 160 cm, a horizontal bracing is installed at the rearmost gallery level in addition to the diagonal bracing, analogous to tier height 20 cm. At gallery level 120 cm, a horizontal brace must also be installed in addition to the diagonal bracing in the front row.

• For gallery height 200 cm the 160 cm and 200 cm levels are braced horizontally and diagonally. At gallery level 120 cm horizontal bracing must also be installed in the front row in addition to the diagonal bracing.

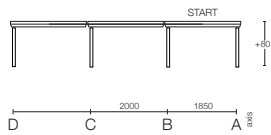
set up horizontal bracing



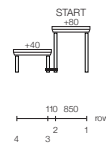
set up diagonal bracing



set up row 1



set up axis A



seat gallery 6 x 2 m 2 levels, height: 80 cm, tier height: 40 cm

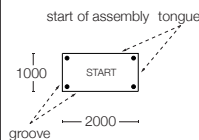
horizontal bracing

diagonal bracing

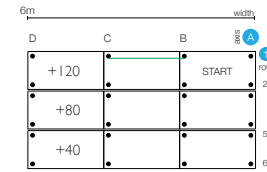
● leg position = 8 legs in each level

— leg link 110 mm or 150 mm for set up with Layher spindles = 1 in each axis x 4 axis = 4 pcs.

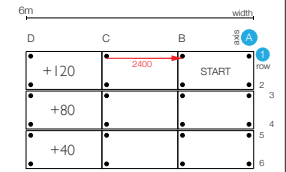
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



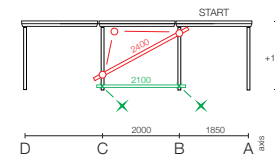
set up horizontal bracing



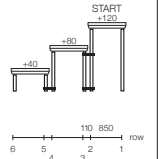
set up diagonal bracing



set up row 1



set up axis A

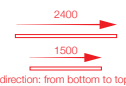


seat gallery 6 x 3 m 3 levels, height: 120 cm, tier height: 40 cm



horizontal bracing

1 x horizontal braces for rows 2100 mm x 2 standard couplers = 2



diagonal bracing

1 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 1) = 2



diagonal braces mounted circumferentially from bottom to top clockwise

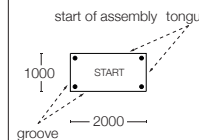
● leg position = 8 legs in each level

✕ Layher standard coupler 48,3 mm = 2 pcs.

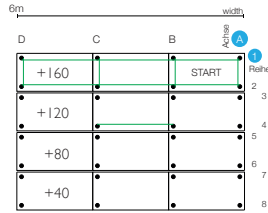
○ Layher swivel coupler 48,3 mm = 2 pcs.

— leg link 110 mm or 150 mm for set up with Layher spindles = 3 in each axis x 4 axis = 12 pcs.

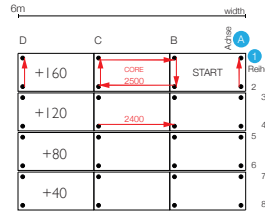
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



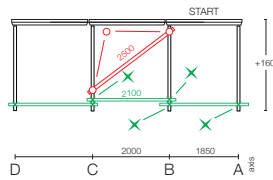
set up horizontal bracing



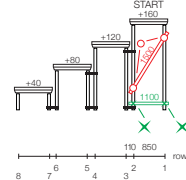
set up diagonal bracing



set up row 1

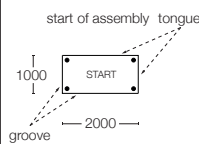


set up axis A



seat gallery 6 x 4 m 4 levels, height: 160 cm, tier height: 40 cm

	horizontal bracing	
	7 x horizontal braces for rows 2100 mm x 2 standard couplers	= 14
	4 x horizontal braces for axis 1100 mm x 2 standard couplers	= 8
		22
	diagonal bracing	
	4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1+2)	= 4
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 4)	= 2
direction: from bottom to top	4 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 8
		14
	diagonal braces mounted circumferentially from bottom to top clockwise	

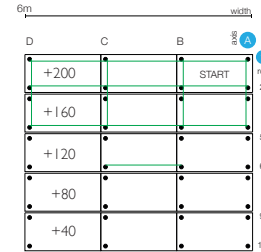


- leg position = 8 legs in each level
- ✕ Layher standard coupler 48,3 mm = 22 pcs.
- Layher swivel coupler 48,3 mm = 14 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 5 in each axis x 4 axis = 20 pcs.

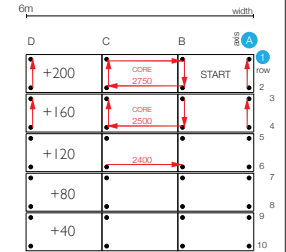
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



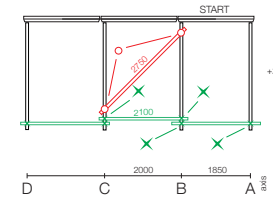
set up horizontal bracing



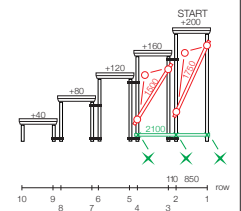
set up diagonal bracing



set up row 1

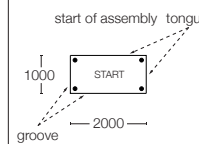


set up axis A



seat gallery 6 x 5 m 5 levels, height: 200 cm, tier height: 40 cm

	horizontal bracing	
	10 x horizontal braces for rows 2100 mm x 2 standard couplers	= 20
	4 x horizontal braces for axis 2100 mm x 3 standard couplers	= 12
		32
	diagonal bracing	
	2 x diagonal braces for rows 2750 mm x 2 swivel couplers (row 1+2)	= 4
	1 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 4)	= 2
	1 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 6)	= 2
direction: from bottom to top	4 x diagonal braces for axis 1750 mm x 2 swivel couplers (height: +200 cm)	= 8
	4 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 8
		24
	diagonal braces mounted circumferentially from bottom to top clockwise	

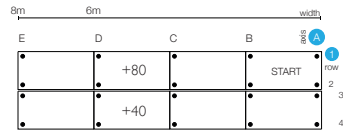


- leg position = 8 legs in each level
- ✕ Layher standard coupler 48,3 mm = 32 pcs.
- Layher swivel coupler 48,3 mm = 24 pcs.
- leg link 110 mm or 150 mm for set up with Layher spindles = 7 in each axis x 4 axis = 28 pcs.

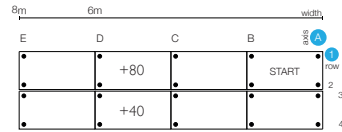
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



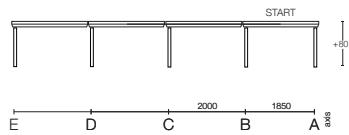
set up horizontal bracing



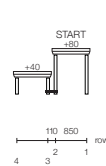
set up diagonal bracing



set up row 1



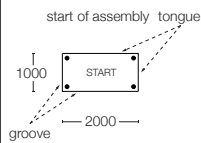
set up axis A



seat gallery 8 x 2 m 2 levels, height: 80 cm, tier height: 40 cm

horizontal bracing

diagonal bracing



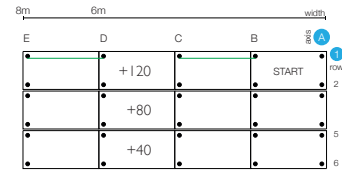
● leg position = 10 legs in each level

— leg link 110 mm or 150 mm for set up with Layher spindles = 1 in each axis x 5 axis = 5 pcs.

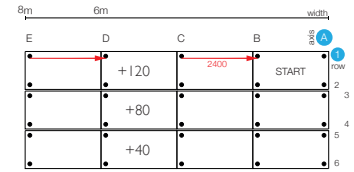
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



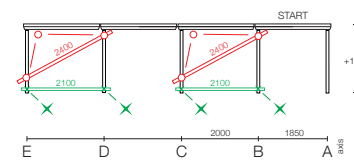
set up horizontal bracing



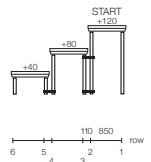
set up diagonal bracing



set up row 1



set up axis A



seat gallery 8 x 3 m 3 levels, height: 120 cm, tier height: 40 cm

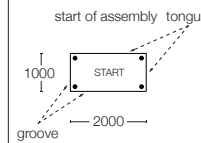
horizontal bracing

2 x horizontal braces for rows 2100 mm x 2 standard couplers = 4

diagonal bracing

2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 1) = 4

diagonal braces mounted circumferentially from bottom to top clockwise = 4



● leg position = 10 legs in each level

✕ Layher standard coupler 48,3 mm = 4 pcs.

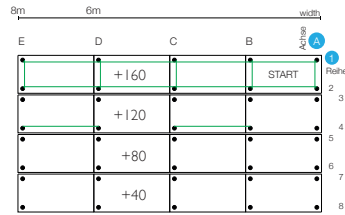
○ Layher swivel coupler 48,3 mm = 4 pcs.

— leg link 110 mm or 150 mm for set up with Layher spindles = 3 in each axis x 5 axis = 15 pcs.

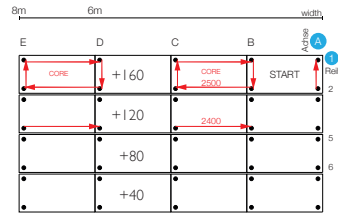
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



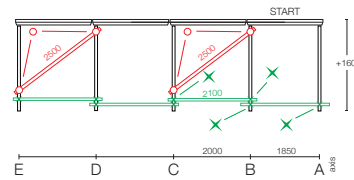
set up horizontal bracing



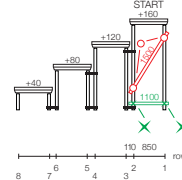
set up diagonal bracing



set up row 1

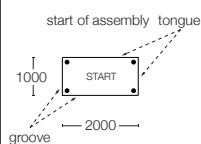


set up axis A



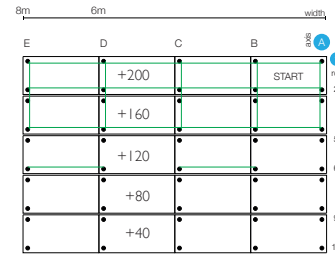
seat gallery 8 x 4 m 4 levels, height: 160 cm, tier height: 40 cm

	horizontal bracing	
	10 x horizontal braces for rows 2100 mm x 2 standard couplers	= 20
	5 x horizontal braces for axis 1100 mm x 2 standard couplers	= 10
		30
	diagonal bracing	
	4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1+2)	= 8
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 4)	= 4
	5 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 10
		22
	diagonal braces mounted circumferentially from bottom to top clockwise	

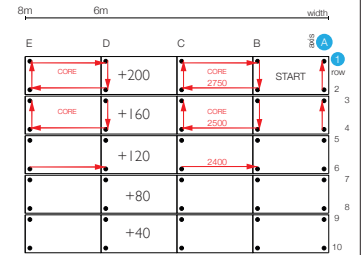


- leg position = 10 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 30 pcs.
 - Layher swivel coupler 48,3 mm = 22 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 5 in each axis x 5 axis = 25 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

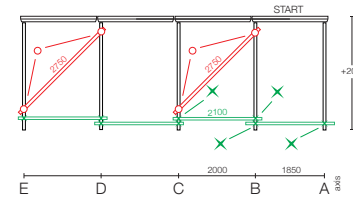
set up horizontal bracing



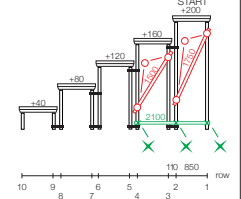
set up diagonal bracing



set up row 1

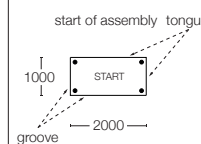


set up axis A



seat gallery 8 x 5 m 5 levels, height: 200 cm, tier height: 40 cm

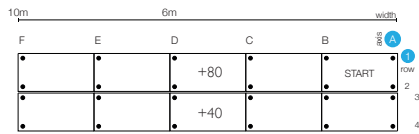
	horizontal bracing	
	14 x horizontal braces for rows 2100 mm x 2 standard couplers	= 28
	5 x horizontal braces for axis 2100 mm x 3 standard couplers	= 15
		43
	diagonal bracing	
	4 x diagonal braces for rows 2750 mm x 2 swivel couplers (row 1+2)	= 8
	2 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 4)	= 4
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 6)	= 4
	5 x diagonal braces for axis 1750 mm x 2 swivel couplers (height: +200 cm)	= 10
	10 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 10
		36
	diagonal braces mounted circumferentially from bottom to top clockwise	



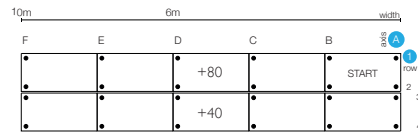
- leg position = 10 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 43 pcs.
 - Layher swivel coupler 48,3 mm = 36 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 7 in each axis x 5 axis = 35 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



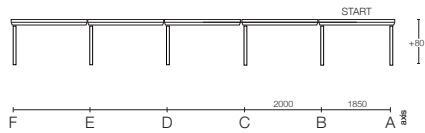
set up horizontal bracing



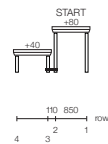
set up diagonal bracing



set up row 1



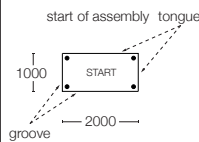
set up axis A



seat gallery 10 x 2 m 2 levels, height: 80 cm, tier height: 40 cm

horizontal bracing

diagonal bracing

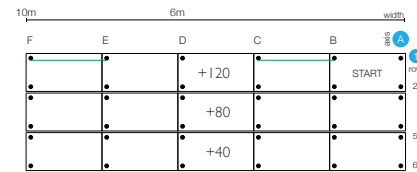


● leg position = 12 legs in each level

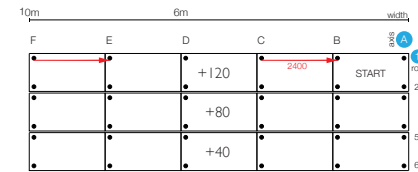
— leg link 110 mm or 150 mm for set up with Layher spindles = 1 in each axis x 6 axis = 6 pcs.

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

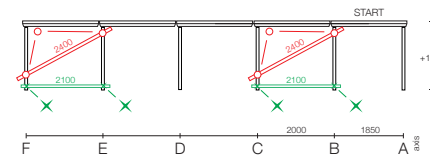
set up horizontal bracing



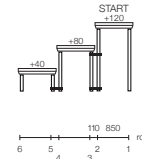
set up diagonal bracing



set up row 1



set up axis A



seat gallery 10 x 3 m 3 levels, height: 120 cm, tier height: 40 cm

horizontal bracing

2 x horizontal braces for rows 2100 mm x 2 standard couplers = 4

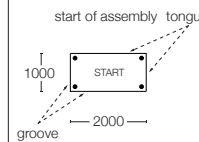
diagonal bracing

2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 1) = 4

direction: from bottom to top



diagonal braces mounted circumferentially from bottom to top clockwise



● leg position = 12 legs in each level

× Layher standard coupler 48,3 mm = 4 pcs.

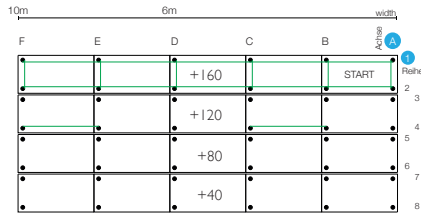
○ Layher swivel coupler 48,3 mm = 4 pcs.

— leg link 110 mm or 150 mm for set up with Layher spindles = 3 in each axis x 6 axis = 18 pcs.

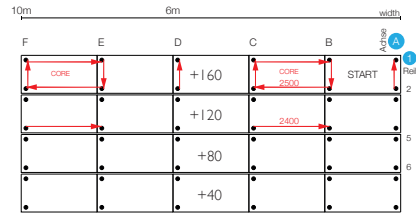
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



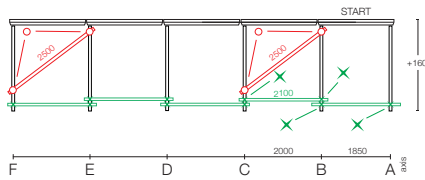
set up horizontal bracing



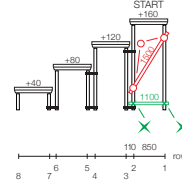
set up diagonal bracing



set up row 1

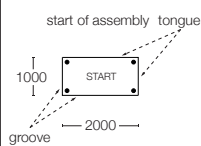


set up axis A



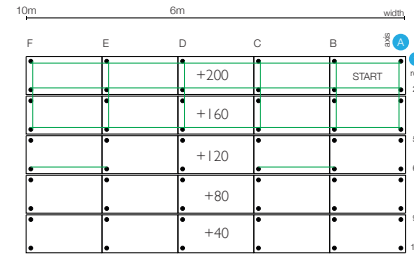
seat gallery 10 x 4 m 4 levels, height: 160 cm, tier height: 40 cm

	horizontal bracing	
	12 x horizontal braces for rows 2100 mm x 2 standard couplers	= 24
	6 x horizontal braces for axis 1100 mm x 2 standard couplers	= 12
		36
	diagonal bracing	
	4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1+2)	= 8
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 4)	= 4
	6 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 12
		24
	diagonal braces mounted circumferentially from bottom to top clockwise	

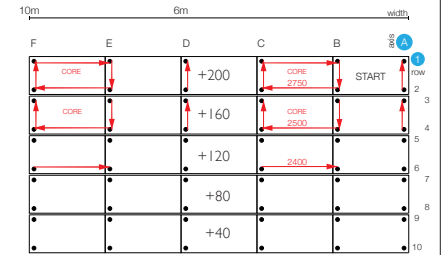


- leg position = 12 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 36 pcs.
 - Layher swivel coupler 48,3 mm = 24 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 5 in each axis x 6 axis = 30 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

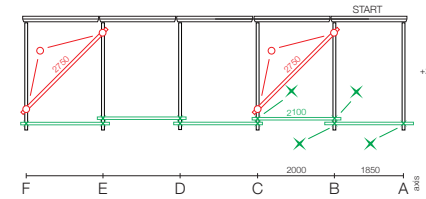
set up horizontal bracing



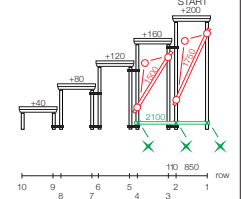
set up diagonal bracing



set up row 1

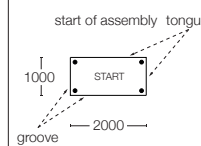


set up axis A



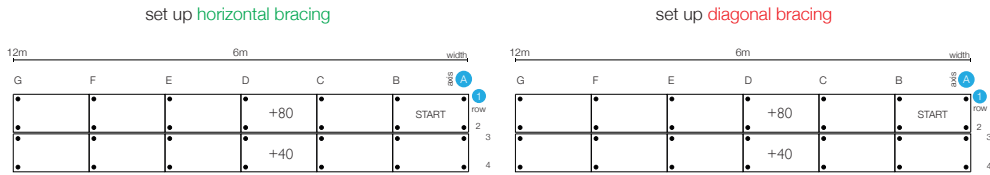
seat gallery 10 x 5 m 5 levels, height: 200 cm, tier height: 40 cm

	horizontal bracing	
	17 x horizontal braces for rows 2100 mm x 2 standard couplers	= 34
	6 x horizontal braces for axis 1100 mm x 3 standard couplers	= 18
		52
	diagonal bracing	
	4 x diagonal braces for rows 2750 mm x 2 swivel couplers (row 1+2)	= 8
	2 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 4)	= 4
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 6)	= 4
	6 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 12
	6 x diagonal braces for axis 1750 mm x 2 swivel couplers (height: +200 cm)	= 12
		40
	diagonal braces mounted circumferentially from bottom to top clockwise	

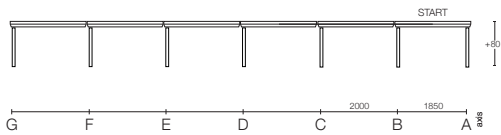


- leg position = 12 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 52 pcs.
 - Layher swivel coupler 48,3 mm = 40 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 7 in each axis x 6 axis = 42 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

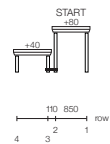




set up row 1



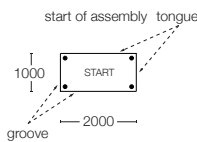
set up axis A



seat gallery 12 x 2 m 2 levels, height: 80 cm, tier height: 40 cm

horizontal bracing

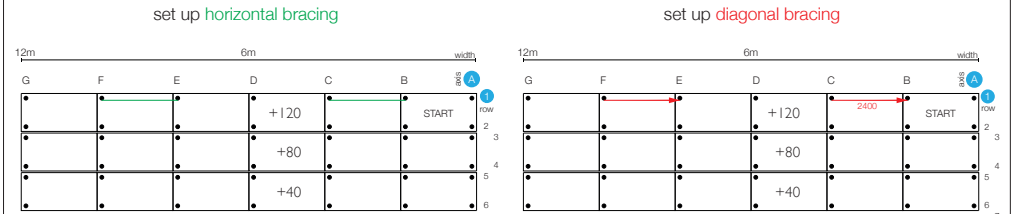
diagonal bracing



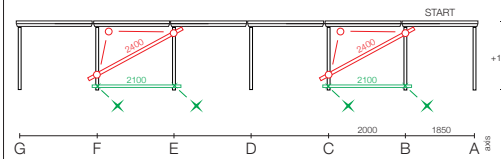
● leg position = 14 legs in each level

— leg link 110 mm or 150 mm for set up with Layher spindles = 1 in each axis x 7 axes = 7 pcs.

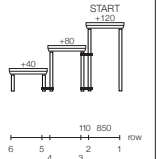
legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



set up row 1



set up axis A



seat gallery 12 x 3 m 3 levels, height: 120 cm, tier height: 40 cm

horizontal bracing

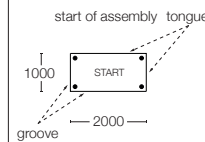
2100
1100
02 x horizontal braces for rows 2100 mm x 2 standard couplers = 4

diagonal bracing

2400
1500
02 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 1) = 4

direction: from bottom to top

CORE
diagonal braces mounted circumferentially from bottom to top clockwise = 4



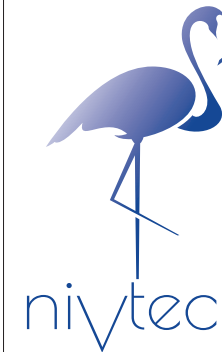
● leg position = 14 legs in each level

× Layher standard coupler 48,3 mm = 4 pcs.

○ Layher swivel coupler 48,3 mm = 4 pcs.

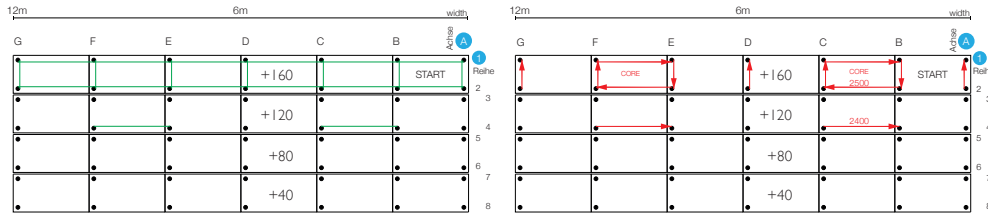
— leg link 110 mm or 150 mm for set up with Layher spindles = 3 in each axis x 7 axes = 21 pcs.

legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



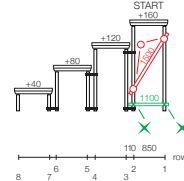
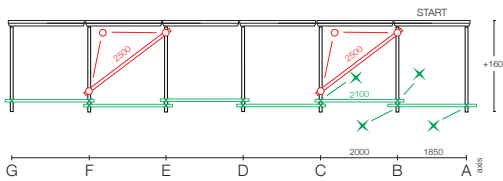
set up horizontal bracing

set up diagonal bracing



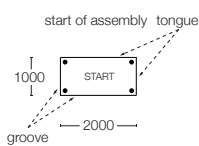
set up row 1

set up axis A



seat gallery 12 x 4 m 4 levels, height: 160 cm, tier height: 40 cm

	horizontal bracing	
	14 x horizontal braces for rows 2100 mm x 2 standard couplers	= 28
	7 x horizontal braces for axis 1100 mm x 2 standard couplers	= 14
		42
	diagonal bracing	
	4 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 1+2)	= 8
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 4)	= 4
	7 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 14
		26
	diagonal braces mounted circumferentially from bottom to top clockwise	

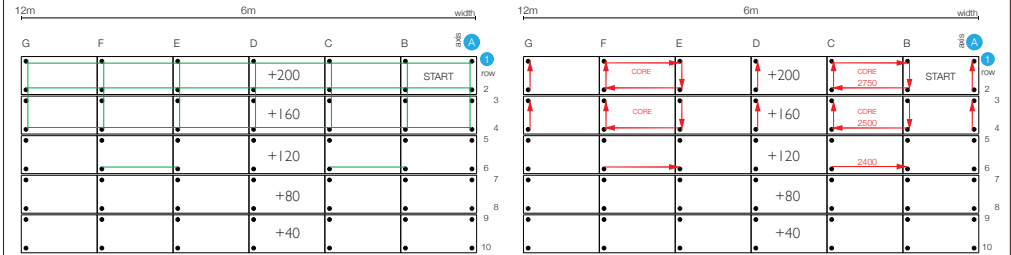


- leg position = 14 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 42 pcs.
 - Layher swivel coupler 48,3 mm = 26 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 5 in each axis x 7 axes = 35 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



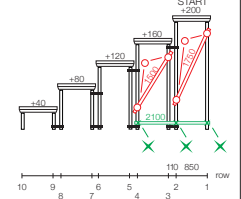
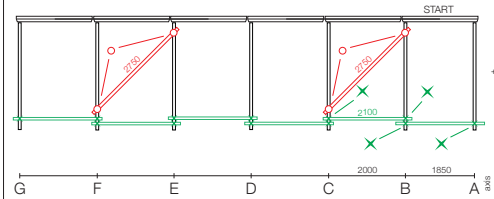
set up horizontal bracing

set up diagonal bracing



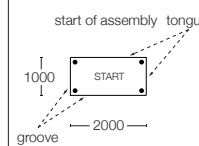
set up row 1

set up axis A

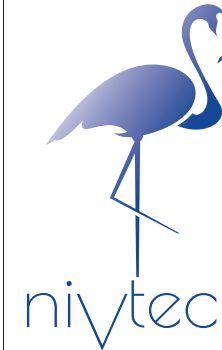


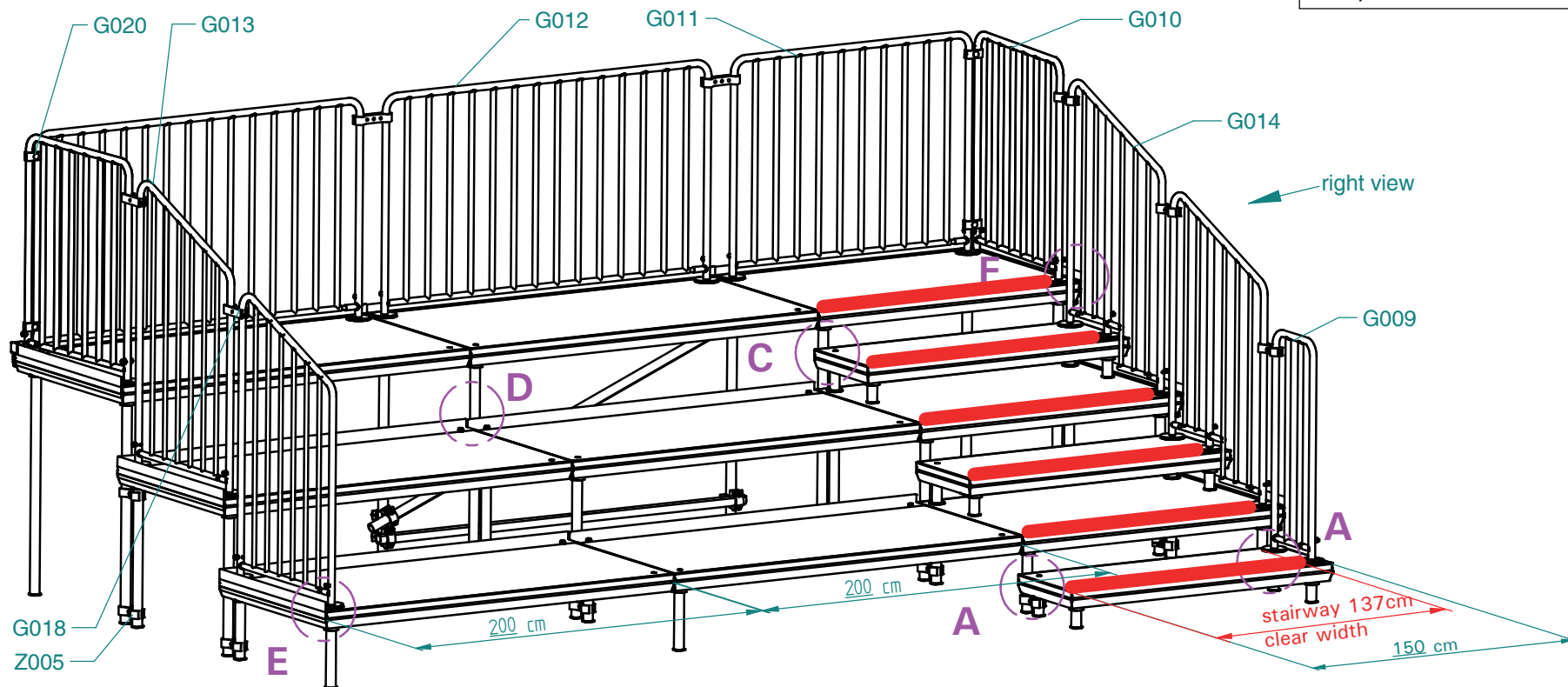
seat gallery 12 x 5 m 5 levels, height: 200 cm, tier height: 40 cm

	horizontal bracing	
	20 x horizontal braces for rows 2100 mm x 2 standard couplers	= 40
	7 x horizontal braces for axis 2100 mm x 3 standard couplers	= 21
		61
	diagonal bracing	
	4 x diagonal braces for rows 2750 mm x 2 swivel couplers (rows 1+2)	= 8
	2 x diagonal braces for rows 2500 mm x 2 swivel couplers (rows 4)	= 4
	2 x diagonal braces for rows 2400 mm x 2 swivel couplers (rows 6)	= 4
	7 x diagonal braces for axis 1750 mm x 2 swivel couplers (height: +200 cm)	= 14
	7 x diagonal braces for axis 1500 mm x 2 swivel couplers (height: +160 cm)	= 14
		44
	diagonal braces mounted circumferentially from bottom to top clockwise	

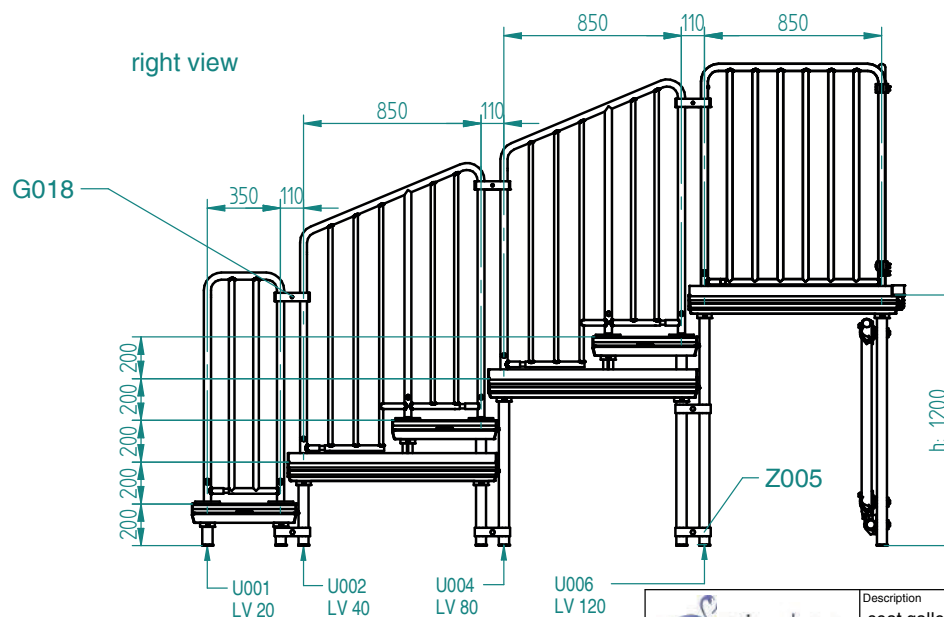


- leg position = 14 legs in each level
 - ✕ Layher standard coupler 48,3 mm = 61 pcs.
 - Layher swivel coupler 48,3 mm = 44 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 7 in each axis x 7 axes = 49 pcs.
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



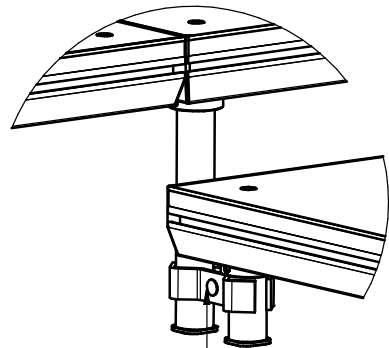


seat gallery 3 step for h: 120 cm, tier height 40, stairway at the side			
Group	Art.No.	Description	Stück
P001	111 01 0	system platform 200 x 100 cm	6
P002	111 03 0	system platform 150 x 100 cm stairway	3
P008	111 04 0	system platform 150 x 50 cm stairway	3
base construction			
U006	211 06 1	alu load distributor leg stage h: 120 cm	8
U004	201 04 1	alu load distributor leg stage h: 80 cm	8
U002	201 02 1	alu load distributor leg stage h: 40 cm	8
U001	201 01 1	alu load distributor leg stage h: 20 cm	8
U011	200 06 7	floor protector for LD- & BB-leg skid-proof blue square (inkl.)	32
Z001	205 01 0	step leg for step height: 20 cm	4
Z003	401 01 0	step support bolt Ø 39 mm	4
U060	200 31 4	alu diagonal brace bl:200/185 cm, bh:>100-140cm, l: 2400mm	1
U034	4.702.019	Layher swivel coupler Ø 48.3 mm	2
U062	200 31 5	alu horizontal brace bay l: 200/185 cm l: 2100 mm	1
U035	4.700.019	Layher standard coupler Ø 48.3 mm	2
Z005	401 10 0	leg link 110 mm	14
gallery rails, 3 sides			
G012	303 03 0	safety rail vertical bars h:110 cm w: 185 cm	2
G011	303 04 0	safety rail vertical bars h:110 cm w: 135 cm	1
G010	303 02 0	safety rail vertical bars h:110 cm w: 85 cm	2
G013	303 10 0	safety rail vert. bars h: 110 cm w: 85 cm gallery step 40 cm	2
G014	303 11 0	safety rail vert. bars h: 110 cm w: 85 cm gallery step 20 cm	2
G009	303 01 0	safety rail vertical bars h:110 cm w: 35 cm	1
G015	310 01 0	rail support bolt Ø 26 mm	20
G017	310 10 5	rail link stage 150 mm reinforced	2
G018	310 11 0	rail link gallery 110 mm	5
G019	310 20 0	adapter Ø 48.3 mm	2
G020	310 21 0	corner link	4



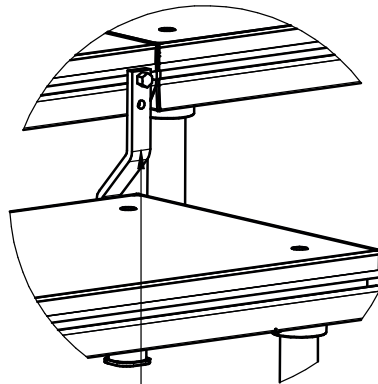
connection versions for steps

set up schemes of various ascents and descents



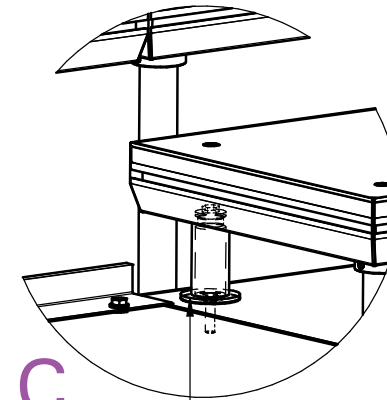
A

leg link 110 mm
if gallery leg available



B

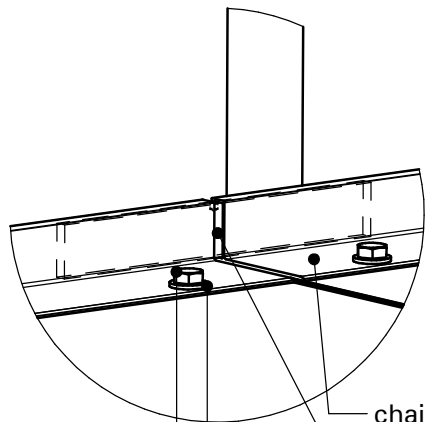
NF-link 110 mm
if gallery leg not available



C

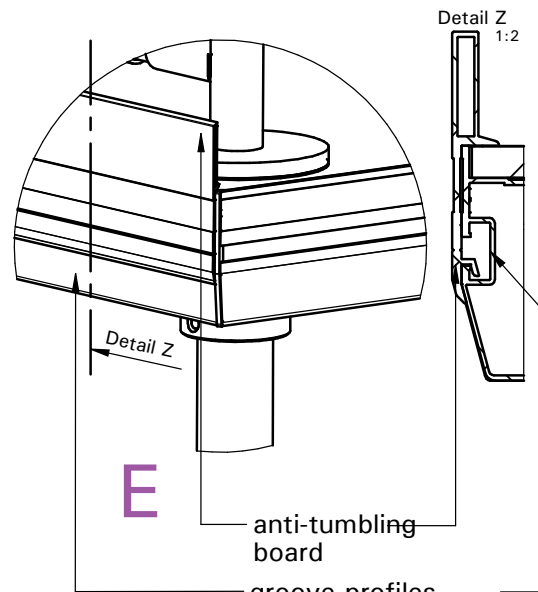
support bolt \varnothing 39 mm + step leg 20 cm
if leg supports (multifunctional holes)
of gallery and stairway platforms
are placed one above the other

attachment of laths



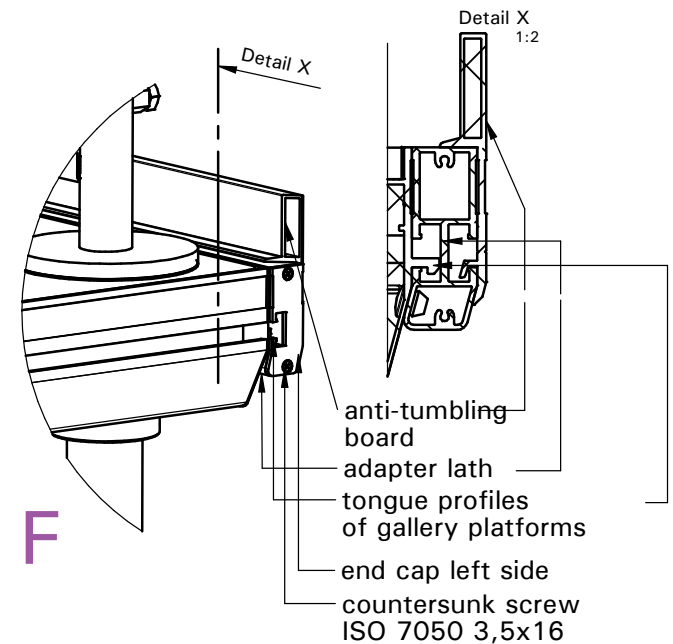
D

chair-blocking device
joint for chair
blocking device
washer DIN 125 A 13
hexagonal screw M12 x 40



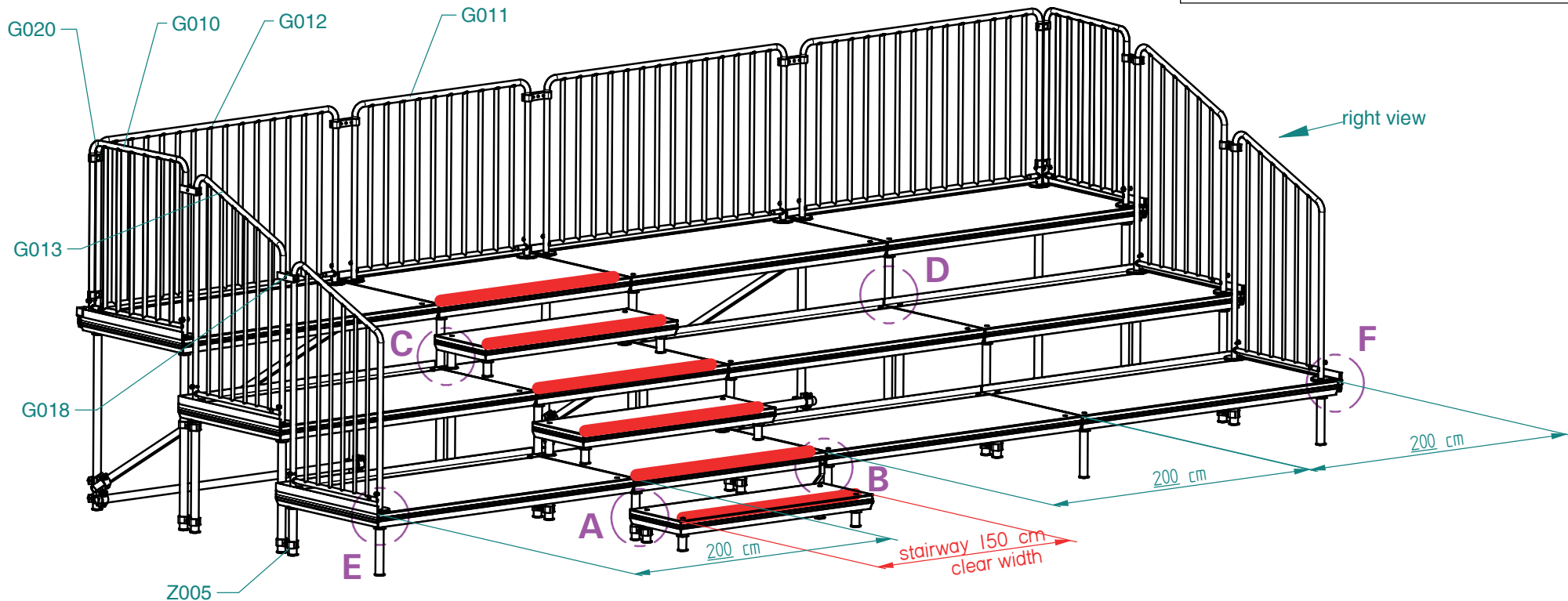
E

anti-tumbling
board
groove profiles
of gallery platforms

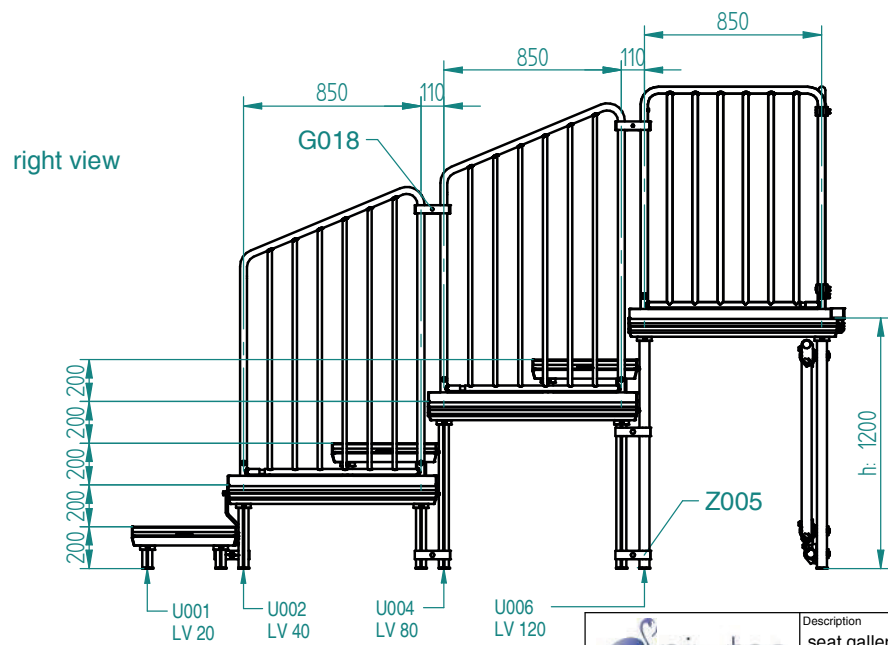


F

anti-tumbling
board
adapter lath
tongue profiles
of gallery platforms
end cap left side
countersunk screw
ISO 7050 3,5x16



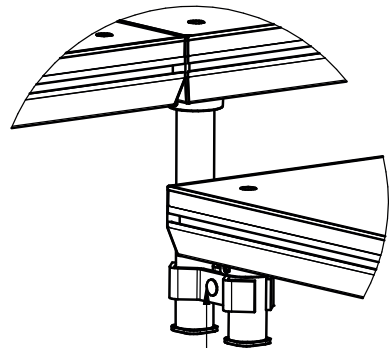
seat gallery 3 step for h: 120 cm, tier height 40, stairway middle			
Group	Art.No.	Description	Piece
P001	111 01 0	system platform 200 x 100 cm	9
P002	111 03 0	system platform 150 x 100 cm stairway	3
P008	111 04 0	system platform 150 x 50 cm stairway	3
base construction			
U006	211 06 1	alu load distributor leg stage h: 120 cm	10
U004	201 04 1	alu load distributor leg stage h: 80 cm	10
U002	201 02 1	alu load distributor leg stage h: 40 cm	10
U001	201 01 1	alu load distributor leg stage h: 20 cm	8
U011	200 06 7	floor protector for LD- & BB-leg skid-proof blue square (inkl.)	38
Z001	205 01 0	step leg for step height: 20 cm	4
Z003	401 01 0	step support bolt Ø 39 mm	4
U060	200 31 4	alu diagonal brace bl:200/185 cm, bh:>100-140cm, l: 2400mm	2
U034	4.702.019	Layher swivel coupler Ø 48.3 mm	4
U062	200 31 5	alu horizontal brace bay l: 200/185 cm l: 2100 mm	2
U035	4.700.019	Layher standard coupler Ø 48.3 mm	4
Z005	401 10 0	leg link 110 mm	16
Z007	402 01 0	link N-F 110 mm	1
gallery rails, 3 sides			
G012	303 03 0	safety rail vertical bars h:110 cm w: 185 cm	3
G011	303 04 0	safety rail vertical bars h:110 cm w: 135 cm	1
G010	303 02 0	safety rail vertical bars h:110 cm w: 85 cm	2
G013	303 10 0	safety rail vert. bars h: 110 cm w: 85 cm gallery step 40 cm	4
G015	310 01 0	rail support bolt Ø 26 mm	18
G017	310 10 5	rail link stage 150 mm reinforced	3
G018	310 11 0	rail link gallery 110 mm	4
G019	310 20 0	adapter Ø 48.3 mm	3
G020	310 21 0	corner link	4



Description
seat gallery 3 step for h: 120 cm, tier height 40
stairway middle

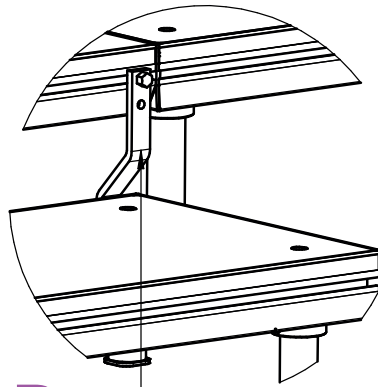
connection versions for steps

set up schemes of various ascents and descents



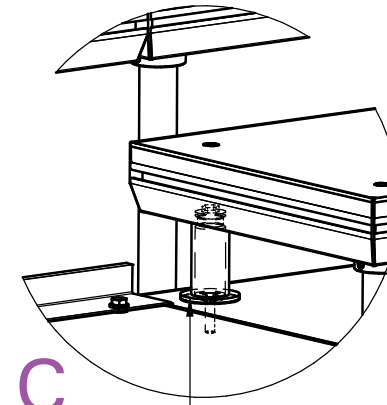
A

leg link 110 mm
if gallery leg available



B

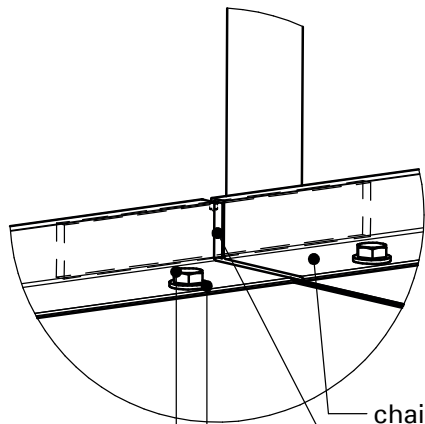
NF-link 110 mm
if gallery leg not available



C

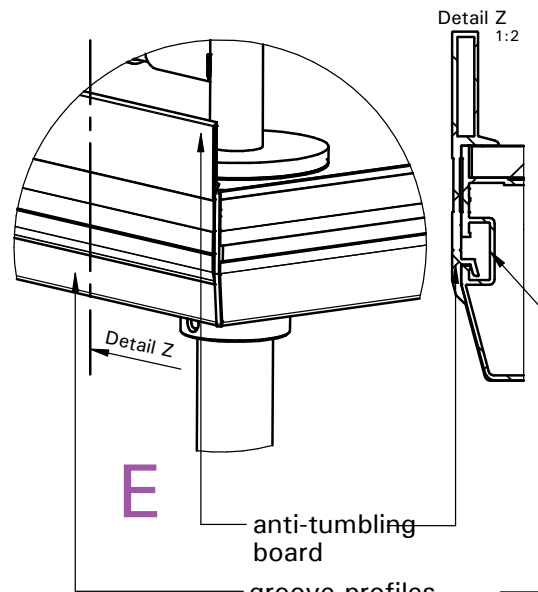
support bolt \varnothing 39 mm + step leg 20 cm
if leg supports (multifunctional holes)
of gallery and stairway platforms
are placed one above the other

attachment of laths



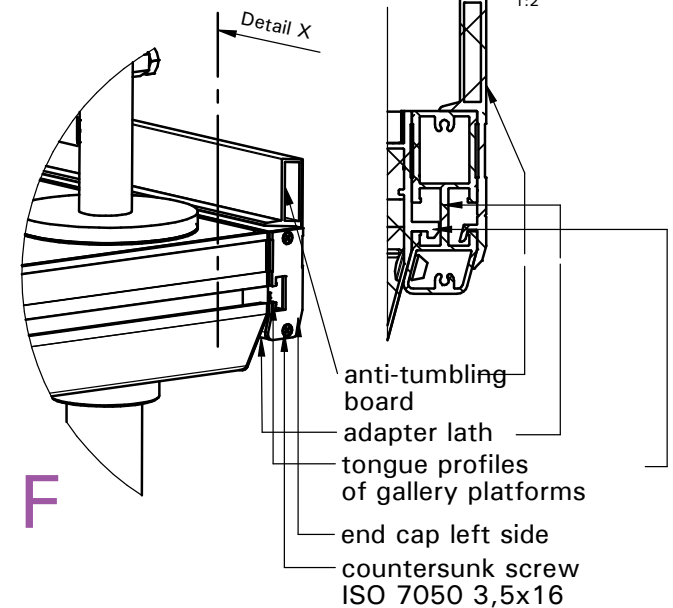
D

chair-blocking device
joint for chair
blocking device
washer DIN 125 A 13
hexagonal screw M12 x 40



E

anti-tumbling
board
groove profiles
of gallery platforms

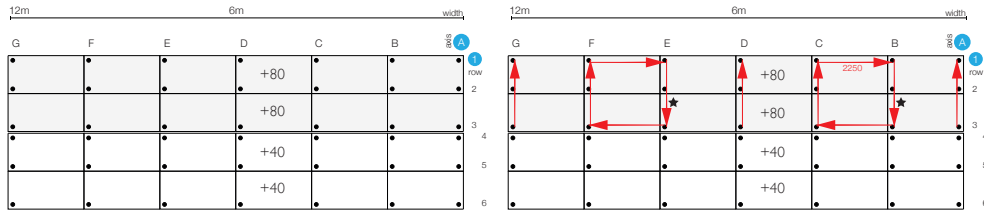


F

anti-tumbling
board
adapter lath
tongue profiles
of gallery platforms
end cap left side
countersunk screw
ISO 7050 3,5x16

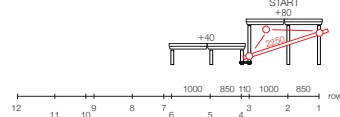
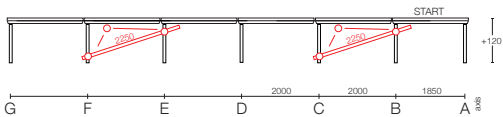
set up horizontal bracing

set up diagonal bracing



set up row 1

set up axis A



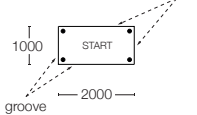
seat gallery 12 x 4 m 2 levels, height: 80 cm, tier height: 40 cm, tier depth: 2m

2100 horizontal bracing

2250 diagonal bracing

4 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 1+3) = 8
 7 x diagonal braces for axis 2250 mm x 2 swivel couplers (height: +80 cm) = 14
 ★ at stage height = 80 cm this diagonal can be dispensed with
 diagonal braces mounted circumferentially from bottom to top clockwise = 22

start of assembly tongue

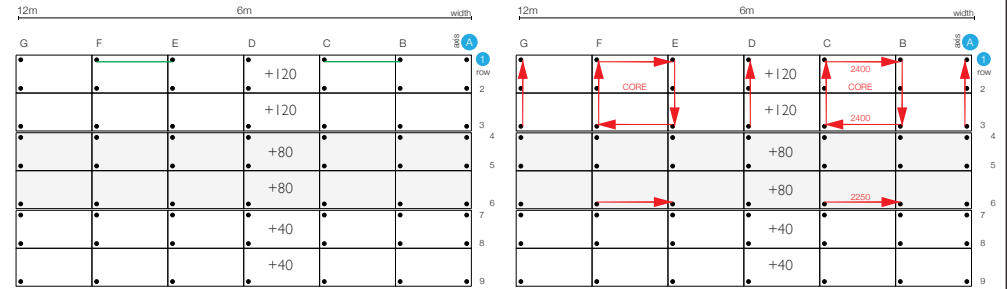


- leg position = 21 legs in each level
 - Layher swivel coupler 48,3 mm = 22 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 1 in each axis x 7 axis = 7 pcs.
 1 x leg link < 80 cm > 2 x leg link per leg
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



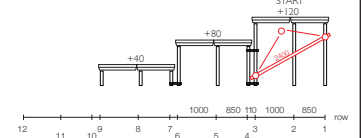
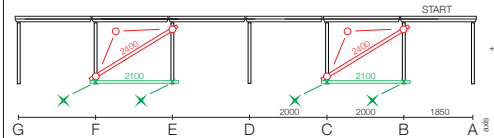
set up horizontal bracing

set up diagonal bracing



set up row 1

set up axis A



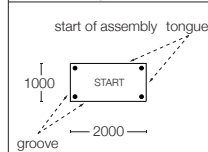
seat gallery 12 x 6 m 3 levels, height: 120 cm, tier height: 40 cm, tier depth: 2m

2100 horizontal bracing

2400 diagonal bracing

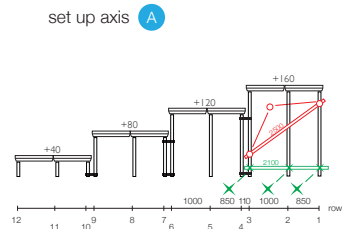
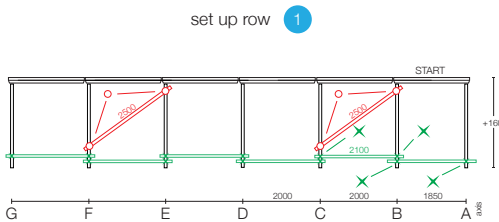
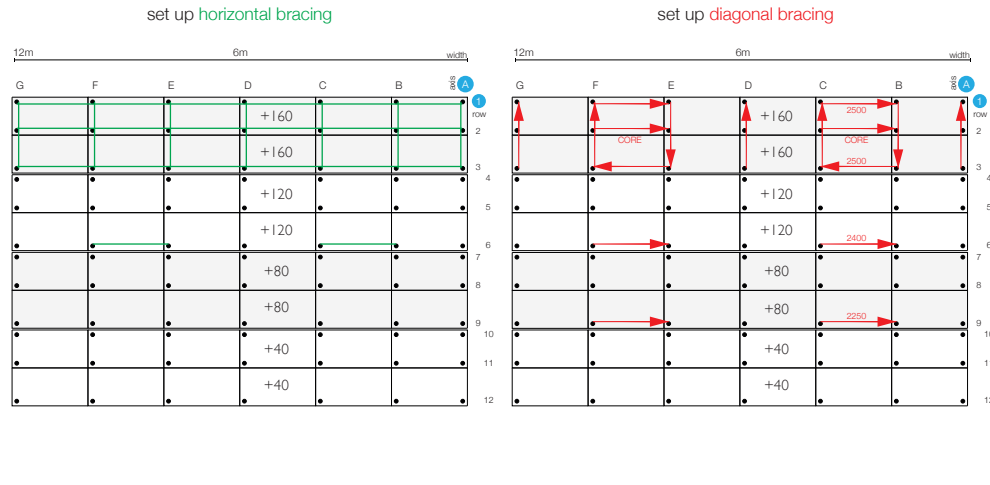
2 x horizontal braces for rows 2100 mm x 2 standard couplers = 4
 4 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 1+3) = 8
 2 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 6) = 4
 7 x diagonal braces for axis 2400 mm x 2 swivel couplers (height: +120 cm) = 14
 = 26

start of assembly tongue



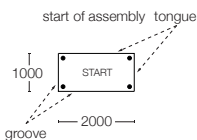
- leg position = 21 legs in each level
 - × Layher standard coupler 48,3 mm = 4 pcs.
 - Layher swivel coupler 48,3 mm = 26 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 3 in each axis x 7 axis = 21 pcs.
 1 x leg link < 80 cm > 2 x leg link per leg
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



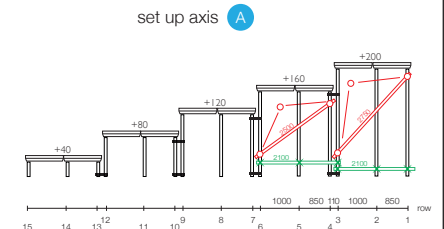
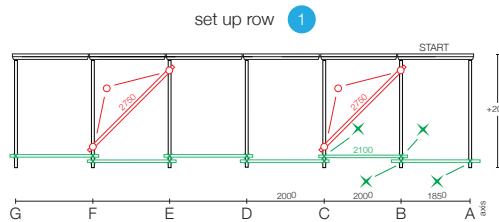


seat gallery 12 x 8 m 4 levels, height: 160 cm, tier height: 40 cm, tier depth: 2 m

	horizontal bracing 20 x horizontal braces for rows 2100 mm x 2 standard couplers = 40 7 x horizontal braces for axis 2100 mm x 3 standard couplers = 21	
	diagonal bracing 6 x diagonal braces for rows 2500 mm x 2 swivel couplers (row 1+2+3) = 12 2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 6) = 4 2 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 9) = 4 7 x diagonal braces for axis 2500 mm x 2 swivel couplers (height: +160 cm) = 14	34
	diagonal braces mounted circumferentially from bottom to top clockwise	

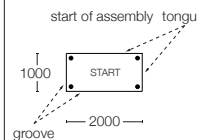


- leg position = 21 legs in each level
 - × Layher standard coupler 48,3 mm = 61 pcs.
 - Layher swivel coupler 48,3 mm = 34 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 5 in each axis x 7 axis = 35 pcs.
1 x leg link < 80 cm > 2 x leg link per leg
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6



seat gallery 12 x 10 m 5 levels, height: 200 cm, tier height: 40 cm, tier depth: 2 m

	horizontal bracing 32 x horizontal braces for rows 2100 mm x 2 standard couplers = 64 14 x horizontal braces for axis 2100 mm x 3 standard couplers = 42	
	diagonal bracing 6 x diagonal braces for rows 2750 mm x 2 swivel couplers (row 1+2+3) = 12 4 x diagonal braces for rows 2500 mm x 2 swivel couplers (row 5+6) = 8 2 x diagonal braces for rows 2400 mm x 2 swivel couplers (row 9) = 4 2 x diagonal braces for rows 2250 mm x 2 swivel couplers (row 12) = 4 7 x diagonal braces for axis 2750 mm x 2 swivel couplers (height: +200 cm) = 14 7 x diagonal braces for axis 2500 mm x 2 swivel couplers (height: +160 cm) = 14	56
	diagonal braces mounted circumferentially from bottom to top clockwise	



- leg position = 21 legs in each level
 - × Layher standard coupler 48,3 mm = 106 pcs.
 - Layher swivel coupler 48,3 mm = 56 pcs.
 - leg link 110 mm or 150 mm for set up with Layher spindles = 7 in each axis x 7 axis = 49 pcs.
1 x leg link < 80 cm > 2 x leg link per leg
- legs, horizontal and diagonal braces: alu tube 48,3 mm x 4 mm, material EN AW-6005 A T6

