EasyAccess
Stairway 70/100

www.safeatsite.com

Temporary access solutions for construction sites according to EN 12811

Standard: EN 12811

Dimensions: Metric

MADE IN GERMANY

SAFE AT SITE

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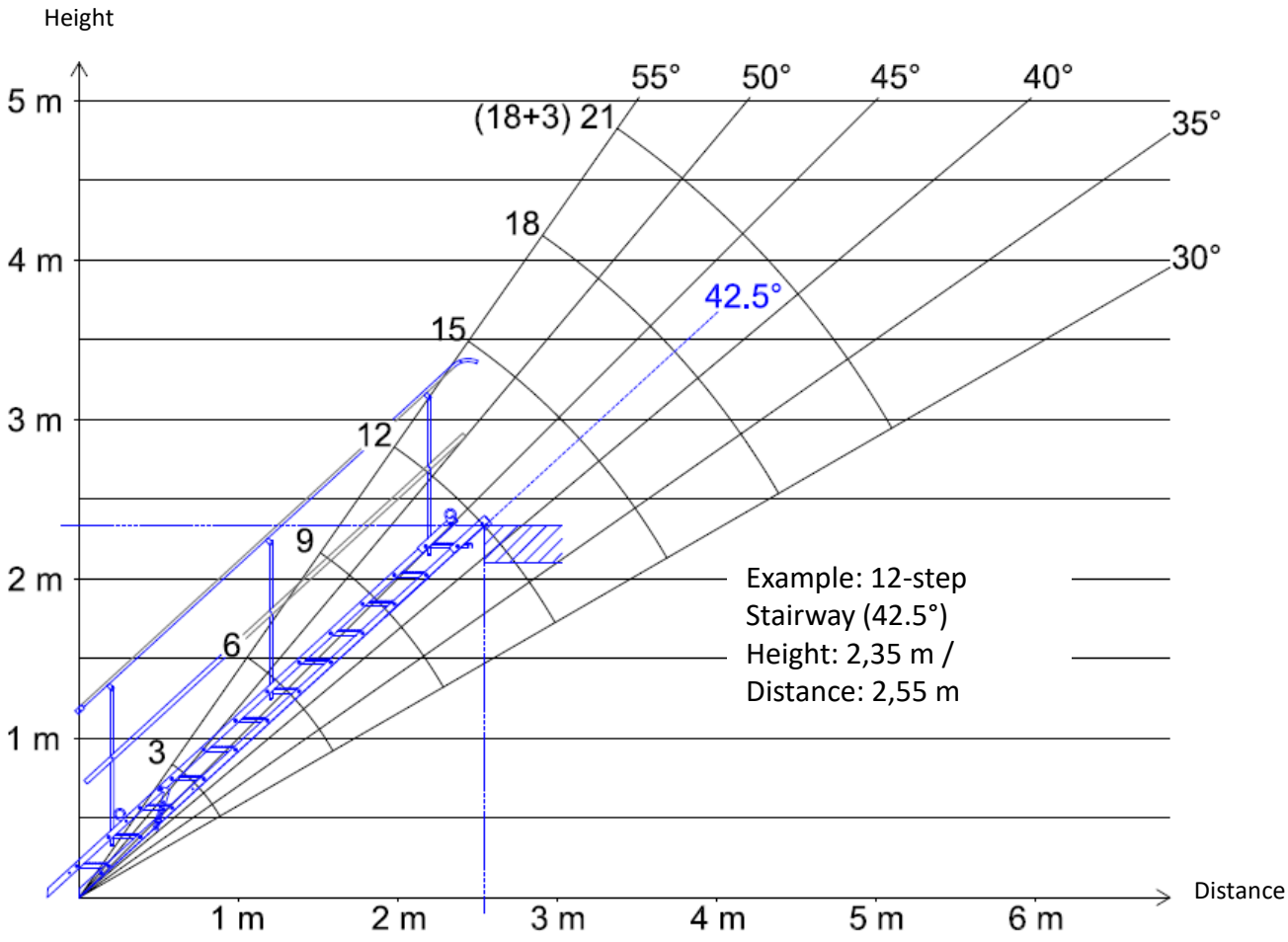
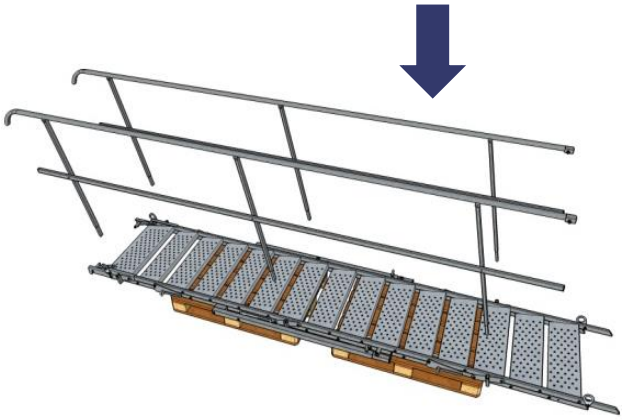
Inclination Diagram

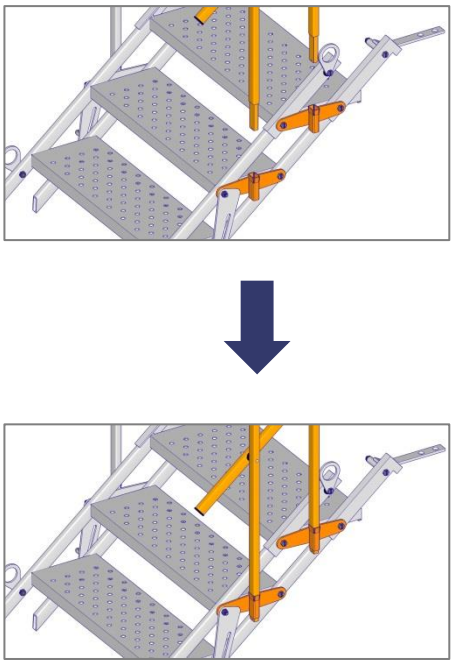


Via the inclination diagram one can calculate which stairway is suitable for the given situation on site. For example if there is a height of 2.35 m one can take a look at the diagram and will notice that the 12-step Stairway in a 42.5° ankle is the right choice. An inclination of 30°-55° is possible.

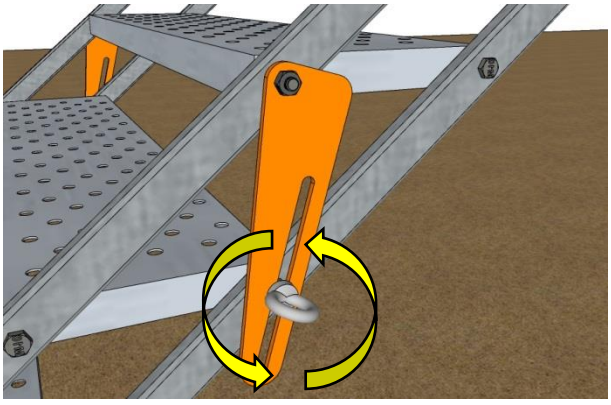
Stairway Assembly

1 Insert the handrails





2 Unfasten the locks



Loose all the locks so that the stairways can be unfolded at the edge of the slab.

The bolts of the step do not have to be released.

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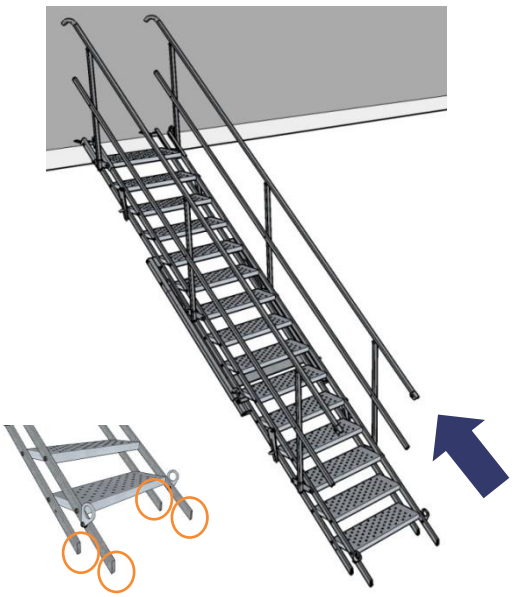
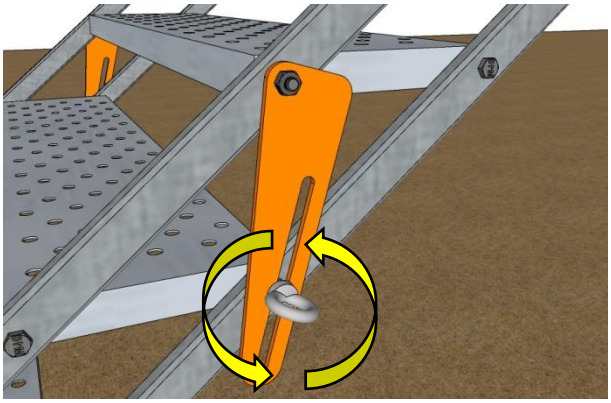
Stairway Assembly

3 Push handrails



After positioning the stairway at the slab/slope/scaffold push the handrails until all four feet of the stairway have contact to the ground.

4 Secure the Locks



Secure all locks that have been unfastend before as soon as the stairway is in the desired position, the feet are on the ground and the steps are horizontal.

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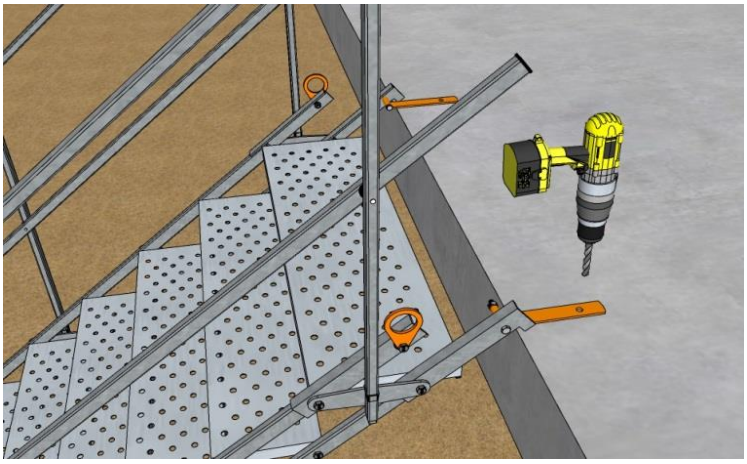
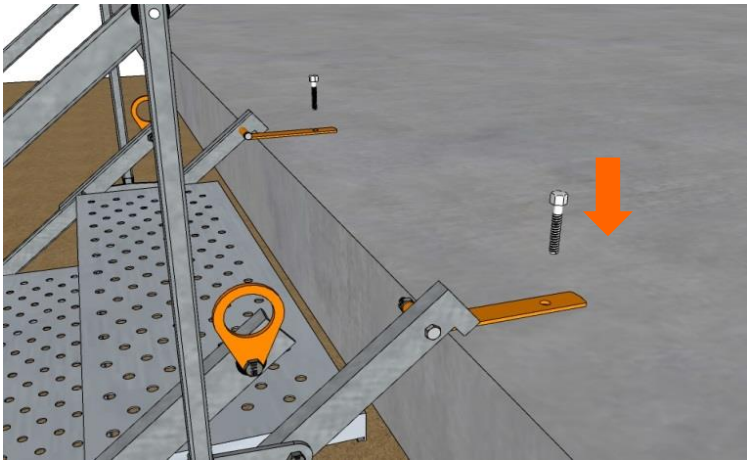
Stairway Assembly

5 Mount the attachment
a. *Slabfix for Stairway*



Fastening of the Slabfix for Stairway requires a heavy-duty concrete screw - For example **Hilti HUS3-H8-75** or similar/better.



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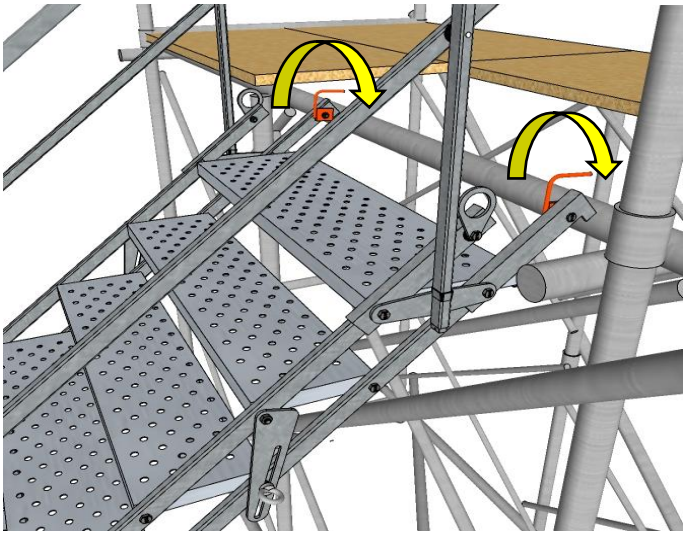
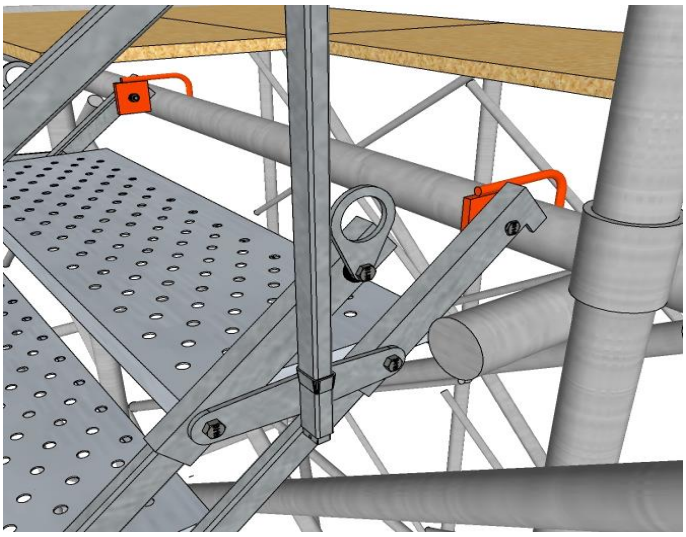
Stairway Assembly

5 Mount the attachment
b. *Scaffoldfix for Stairway*





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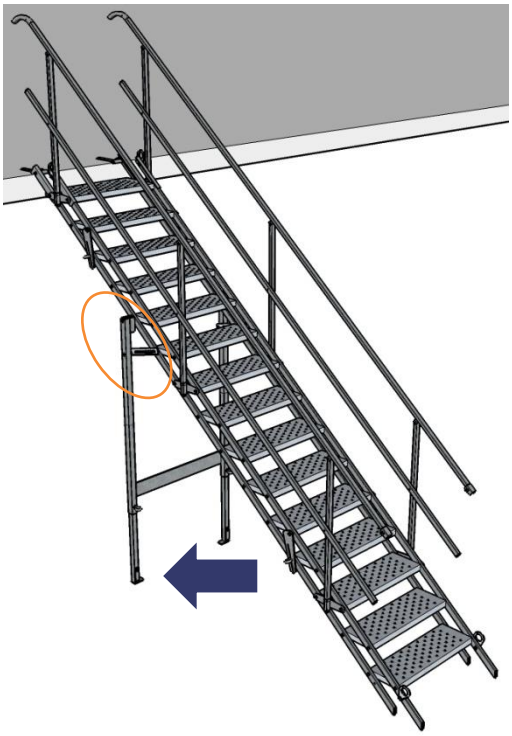
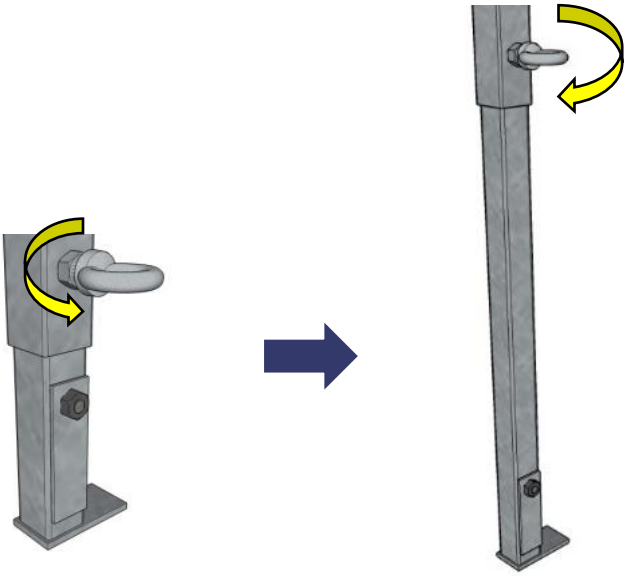
Stairway Support Assembly

6 Stairway support assembly
for Stairway 70/15, 70/18, 100/15, 100/18



Unfasten and unfold the support until it is in an 90° ankle to the ground.

Unfasten the thumb-screws to loose the inner tubes of the support and pull out said inner tubes until they reach the floor. Then secure the screws again.



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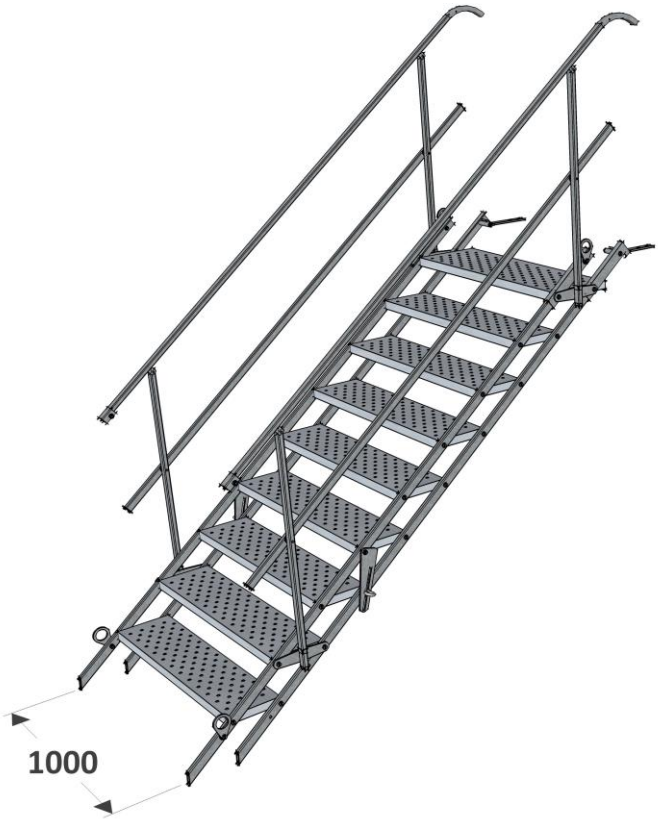
Stairway 70 and 100

Inner width approx.
700 mm



Inner width approx.
1000 mm

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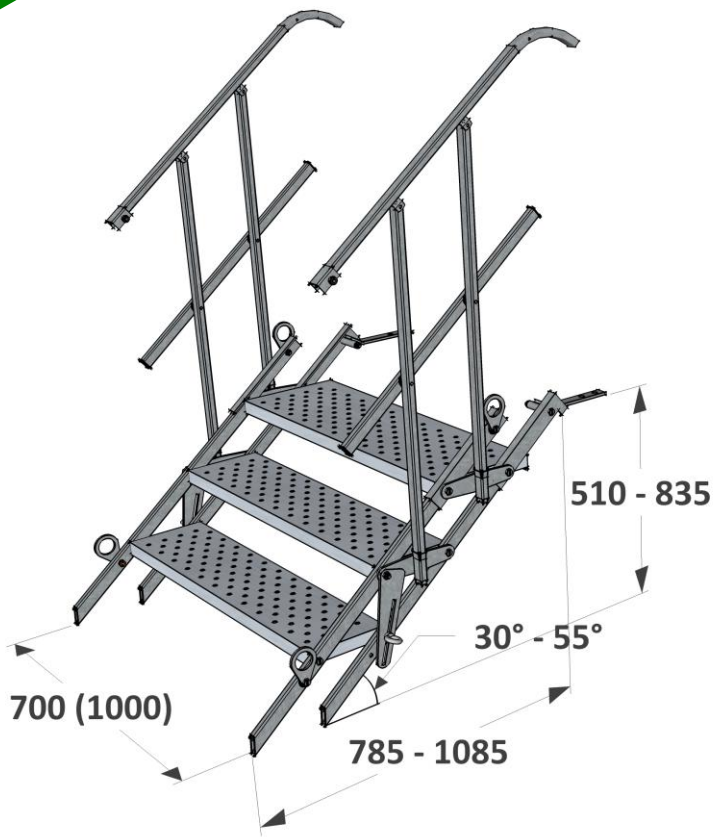
3-step Stairway

EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20001
39 kg

Stairway 1000 mm:
Item No.: 20007
54 kg

Max. 2 persons



Max. 1,5 kN/m²

10 pcs / Euro Pallet

1640 x 800 (1100) x 1200 mm

410 (560) kg

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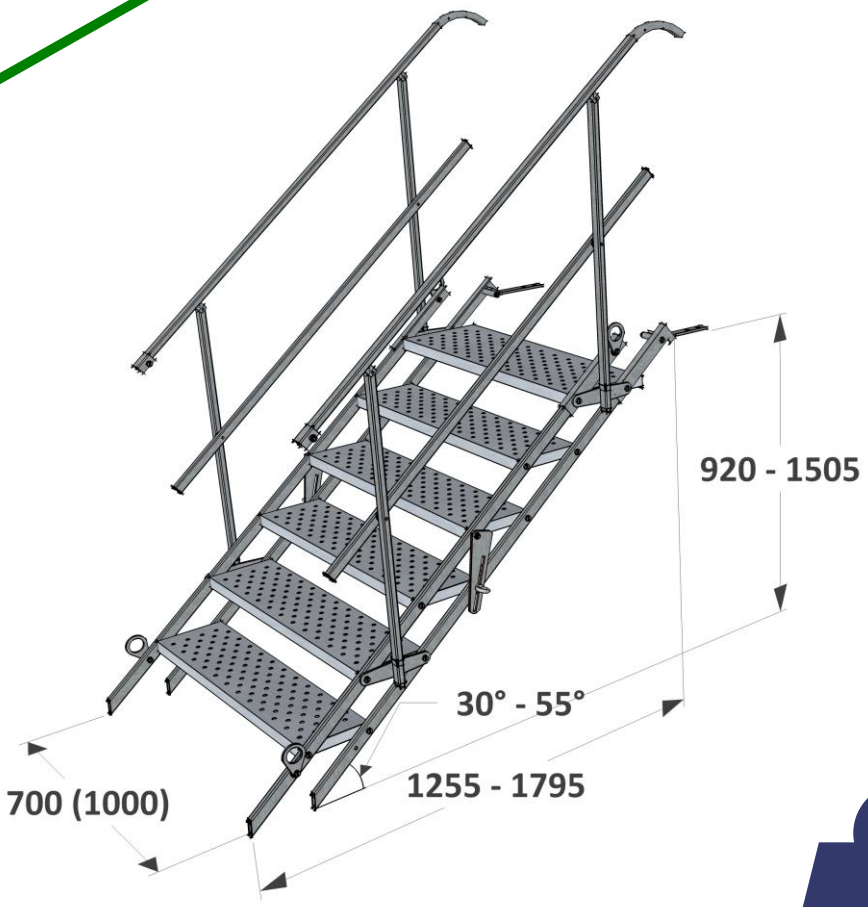
6-step Stairway

EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20002
62 kg

Stairway 1000 mm:
Item No.: 20008
71 kg

Max. 2 persons



Max. 1,5 kN/m²

10 pcs / Euro Pallet

2450 x 800 (1100) x 1200 mm

640 (730) kg

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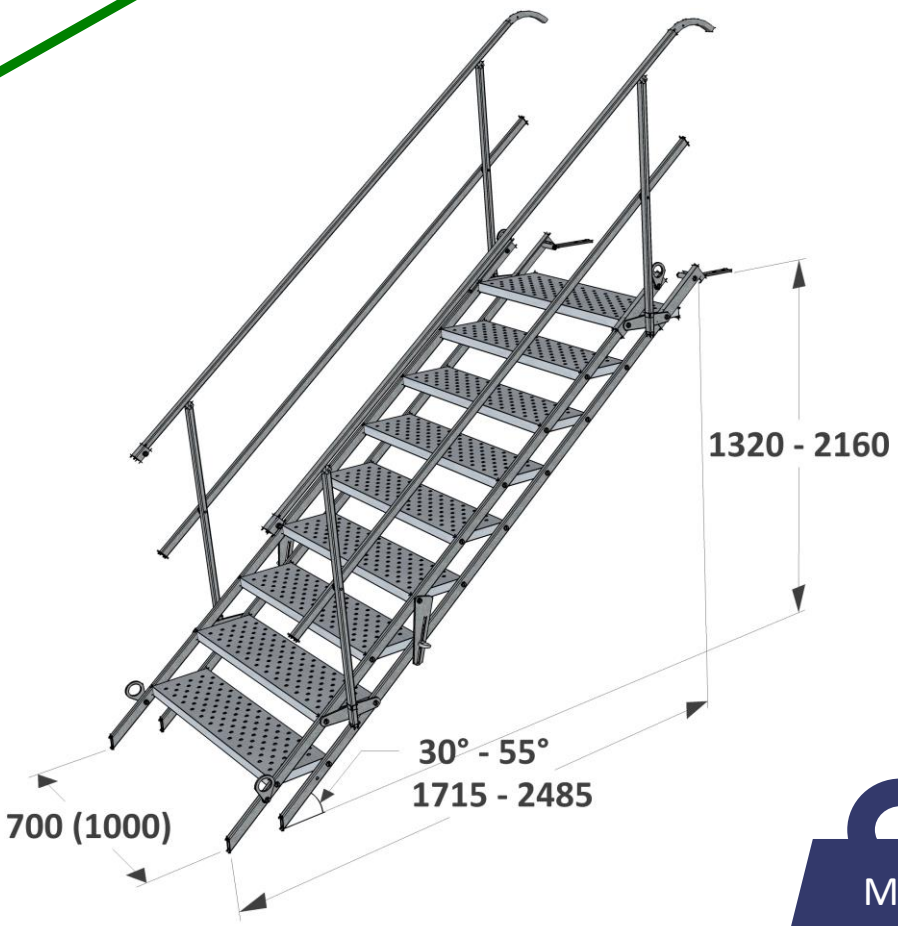
9-step Stairway

EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20003
83 kg

Stairway 1000 mm:
Item No.: 20009
97 kg

Max. 2 persons



Max. 1,5 kN/m²

10 pcs / Euro Pallet

3260 x 800 (1100) x 1200 mm

850 (990) kg

mm

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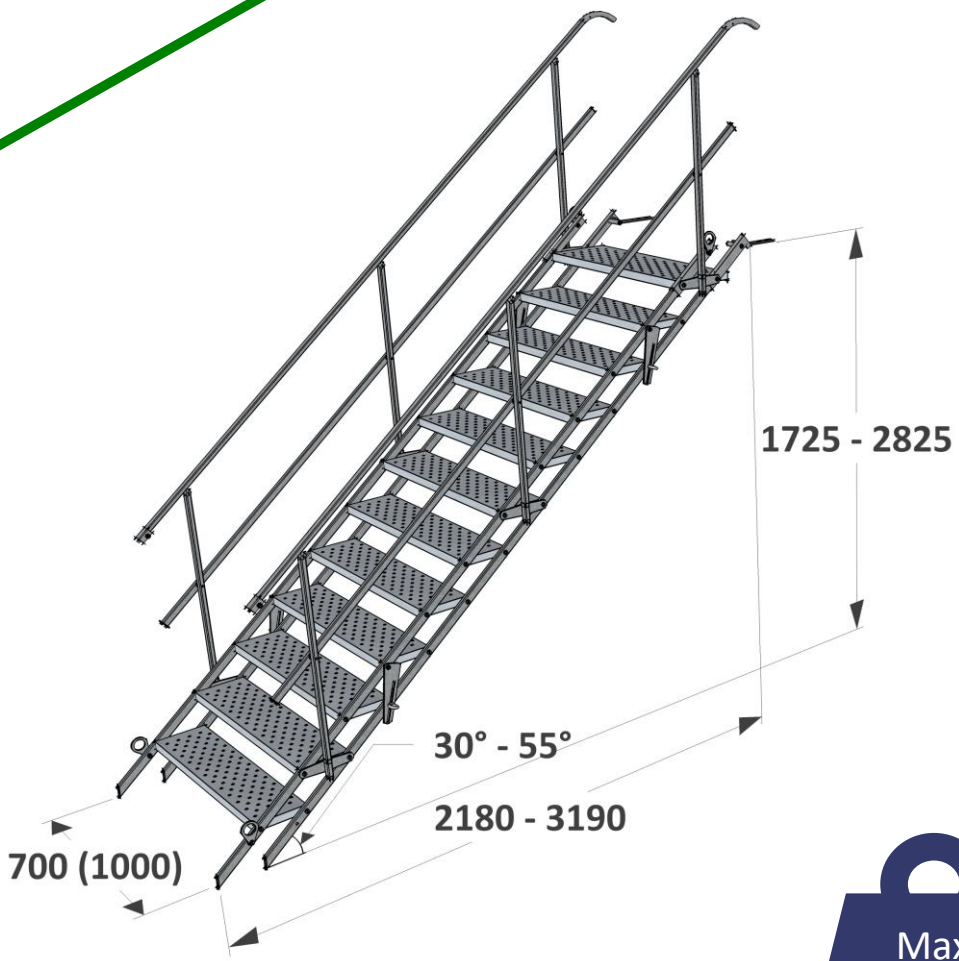
12-step Stairway

EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20004
122 kg

Stairway 1000 mm:
Item No.: 20010
131 kg

Max. 2 persons



Max. 1,5 kN/m²

10 pcs / 2x Euro Pallet

4070 x 800 (1100) x 1200 mm

1240 (1330) kg

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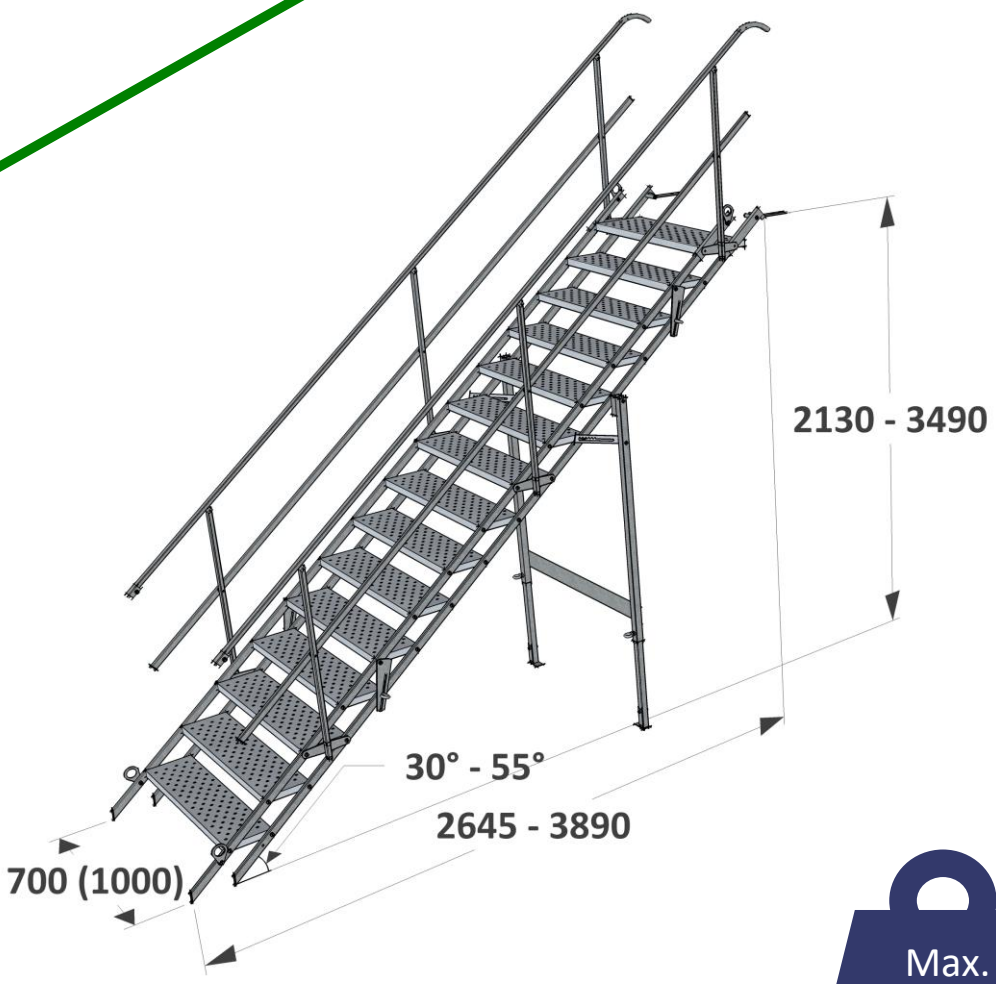
15-step Stairway

EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20005
148 kg

Stairway 1000 mm:
Item No.: 20011
172 kg

Max. 2 persons



Max. 1,5 kN/m²

5 pcs / 2x Euro Pallet

4610 x 800 (1100) x 1200 mm

780 (900) kg

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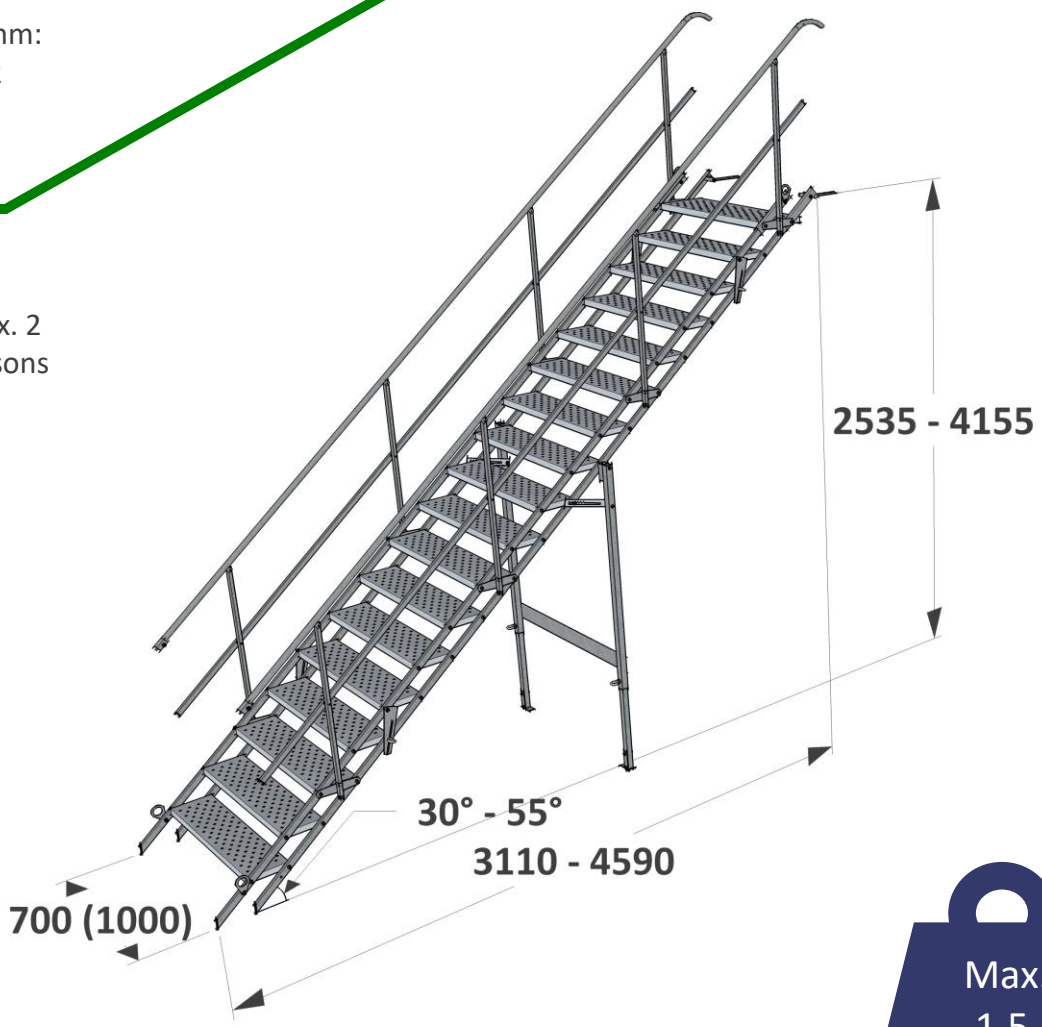
18-step Stairway

EN 12811
1,5 kN/m²

Stairway 700 mm:
Item No.: 20006
176 kg

Stairway 1000 mm:
Item No.: 20012
214 kg

Max. 2 persons



Max. 1,5 kN/m²

5 pcs / 2x Euro Pallet

5420 x 800 (1100) x 1200 mm

920 (1110) kg

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Connection of two Stairways

Connection of two Stairways (self-supporting)	3 steps	6 steps	9 steps	12 steps	15 steps	18 steps
3 steps	✓	✓	✓	●	✓	✓
6 steps	✓	✓	●	●	✓	/
9 steps	✓	●	●	●	/	/
12 steps	●	●	●	/	/	/
15 steps	✓	✓	/	/	/	/
18 steps	✓	/	/	/	/	/

Yes ✓

Standard support needed ●

Special support needed /

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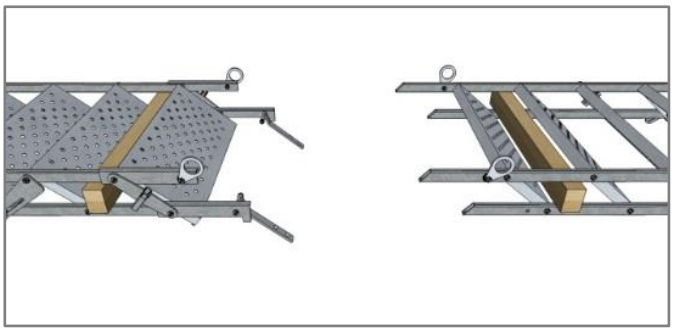
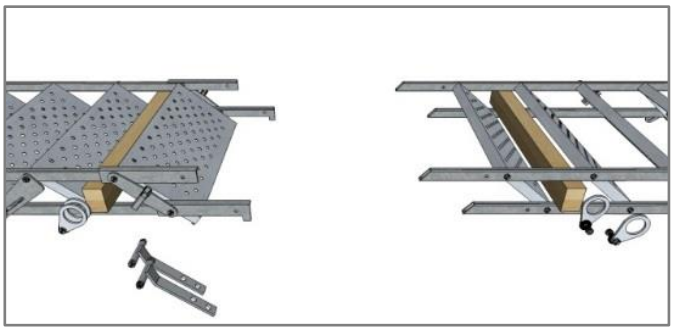
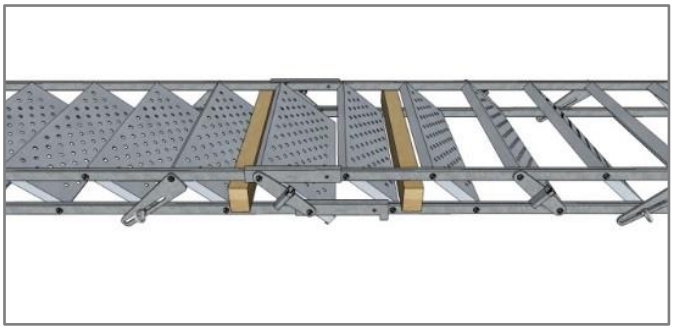
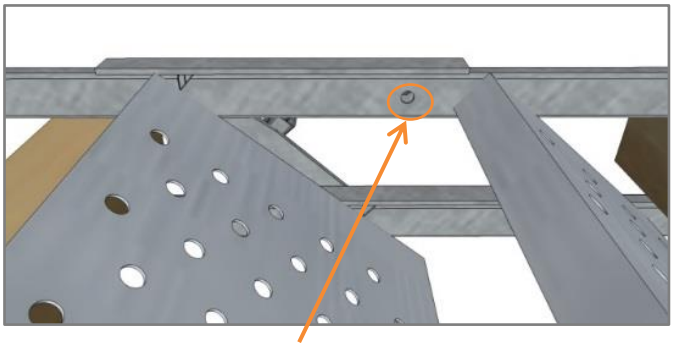
Connection of two Stairways

- max. 2 stairways connected (self-supporting)
- max. 21 steps (self-supporting)
- 15 – 21 steps only with the standard stairway support
- > 21 steps without a stairway support possible if not self-supporting, e.g. on slope subsoil









4 times connection with screws

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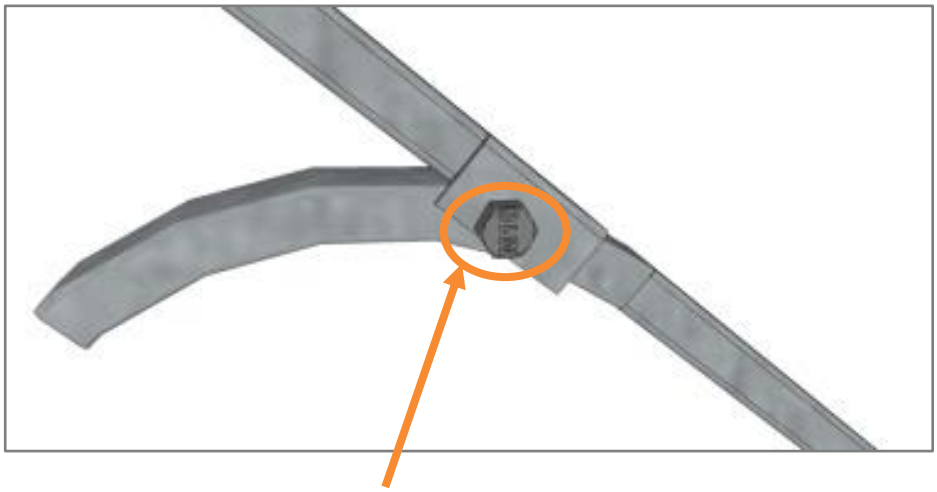
Connection of two Handrails



2 times connection with screws

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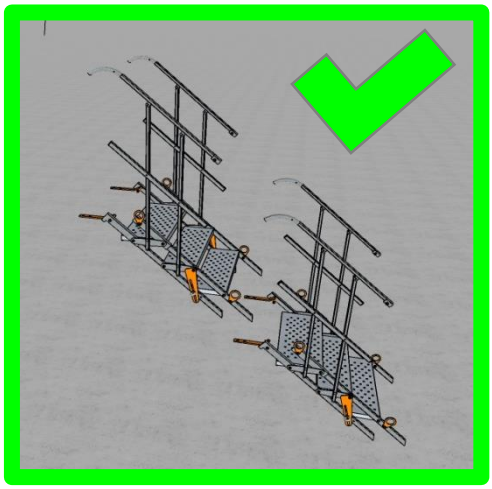
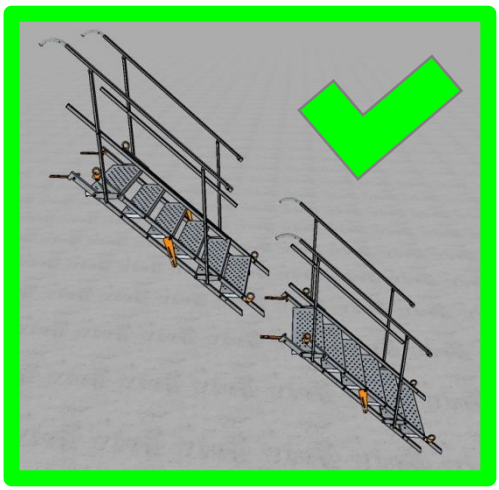
Order of two connected Stairways

Connection 3-Step with 3-Step



Connection 6-Step with 6-Step



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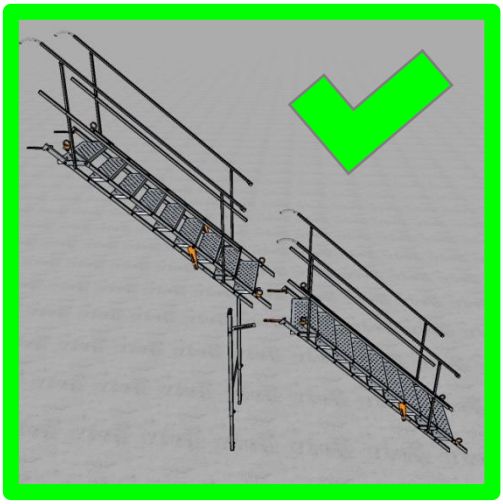
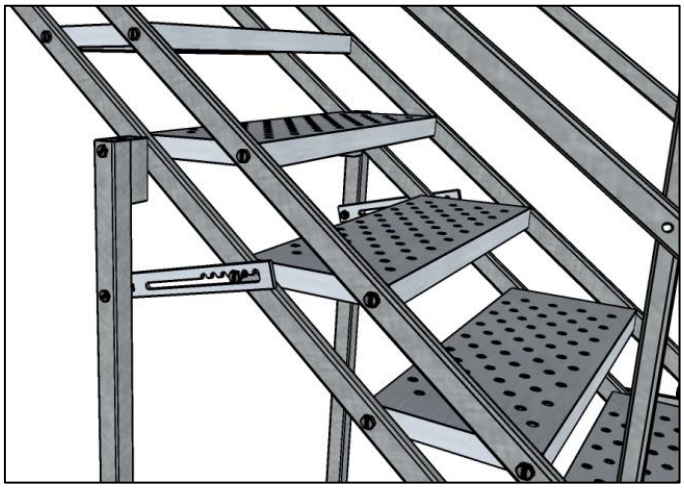
Order of two connected Stairways

Connection 9-Step with 9-Step



- Further standard support needed

- Assembly via Screws at step 10



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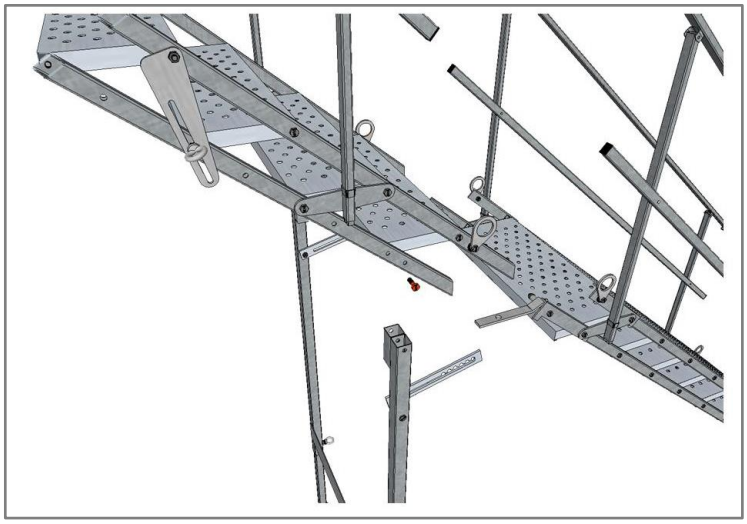
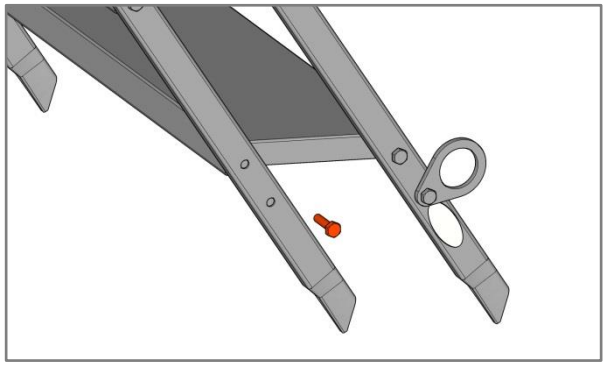
Order of two connected Stairways

Connection 9-Step with 9-Step

Assembly of the support 1



Remove bolt ISO 4017 M10x35 8.8 and nut with clamping part ISO 10511 M10 8 at step 1 of the upper stairway at both lower side beams.



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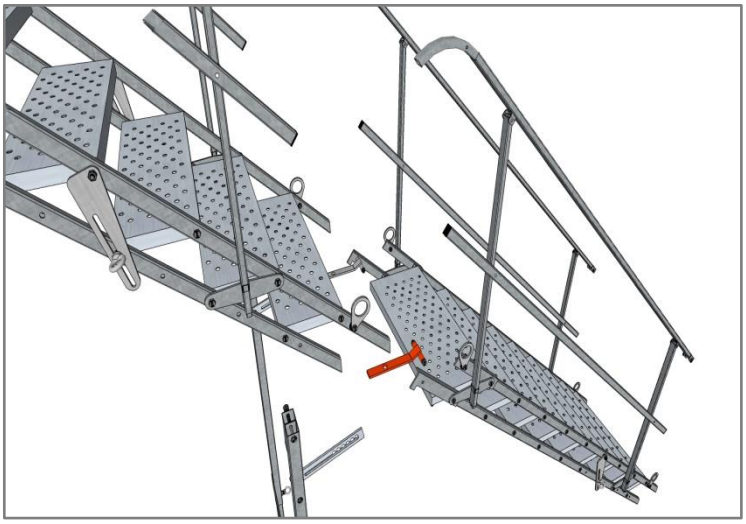
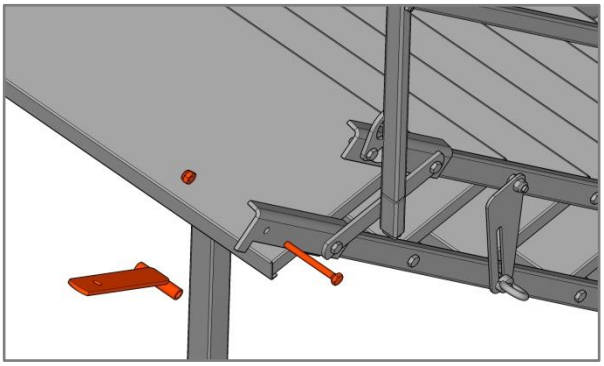
Order of two connected Stairways

Connection 9-Step with 9-Step

Assembly of the support 2



Remove bolt ISO 4017 M10x90 8.8 and nut with clamping part ISO 10511 M10 8 and the slabfix at the lower stairway on both lower side beams.



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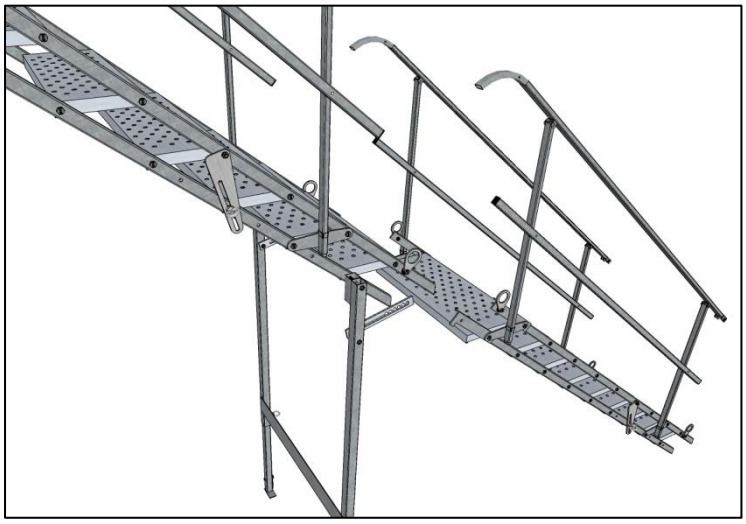
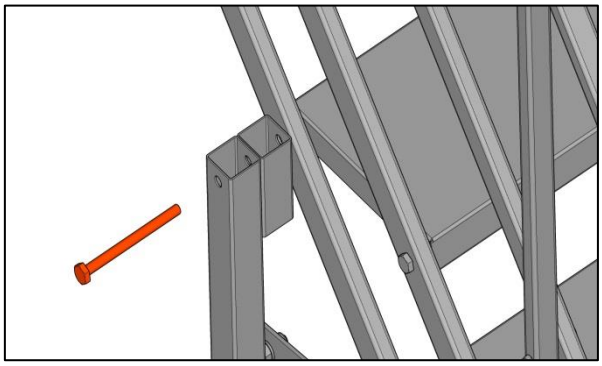
Order of two connected Stairways

Connection 9-Step with 9-Step

Assembly of the support 3



Attach the support to step 1 of the upper stairway using bolt ISO 4017 M10x120 8.8 and nut with clamping part ISO 10511 M10 8.



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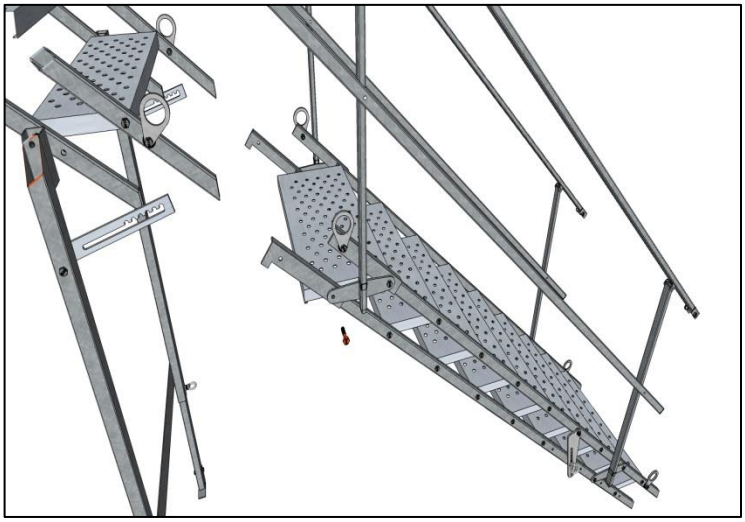
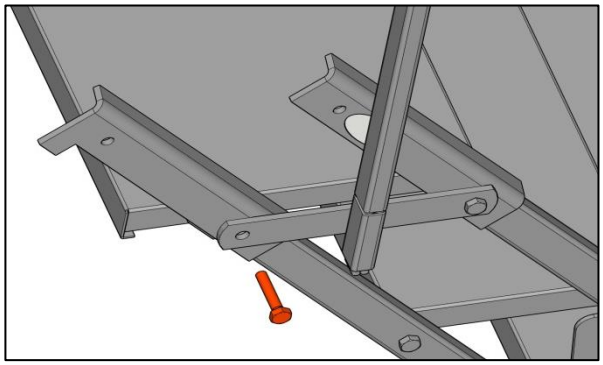
Order of two connected Stairways

Connection 9-Step with 9-Step

Assembly of the support 4



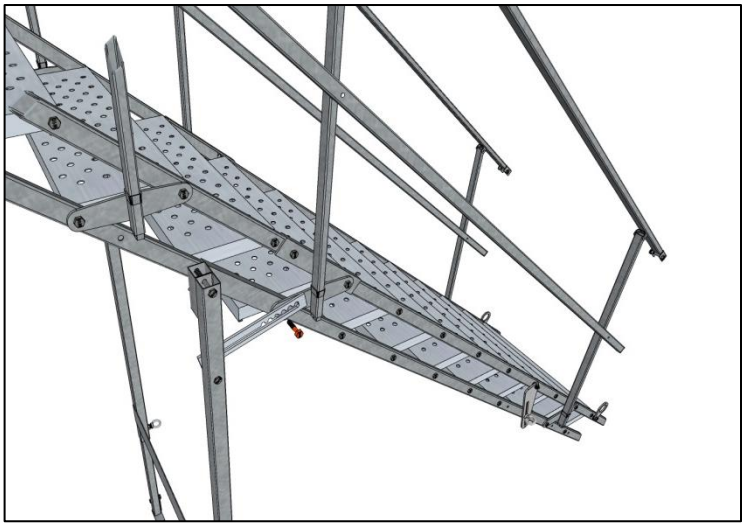
Loose bolt ISO 4017 M10x50 8.8 and nut with clamping part ISO 10511 M10 8 from step 9 of the lower side beams of the lower stairway.



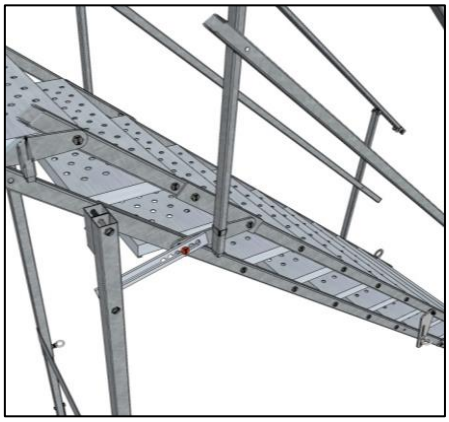
Order of two connected Stairways

Connection 9-Step with 9-Step

Assembly of the support 5



Attach the crocodiles to step 9 of the lower stairway on both sides using bolt ISO 4017 M10x60 8.8, washer ISO 7089 M10 and nut with clamping part ISO 10511 M10 8.



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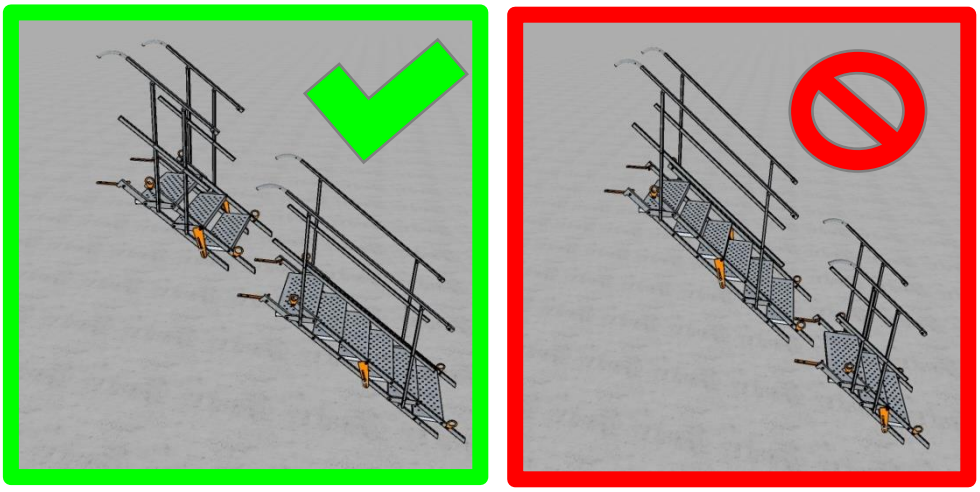
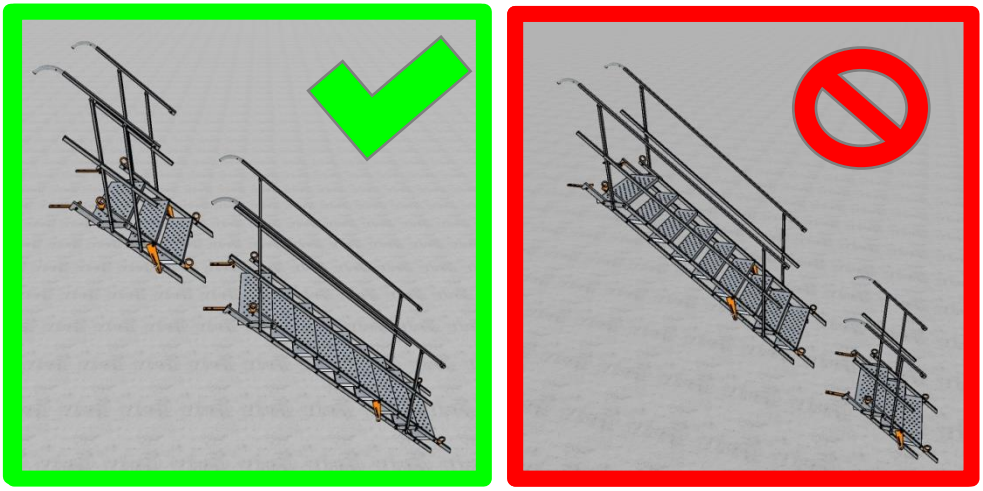
Order of two connected Stairways

Connection 3-Step with 6-Step



Connection 3-Step with 9-Step



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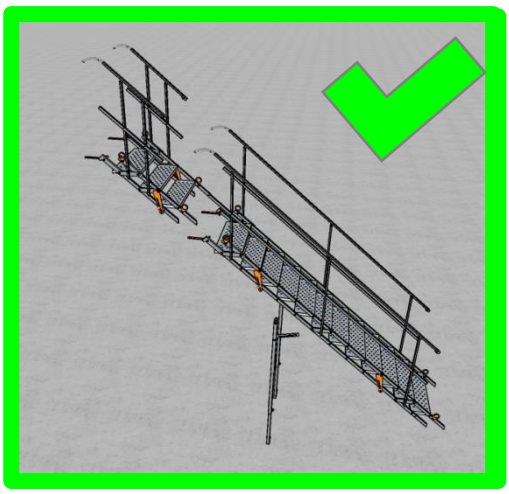
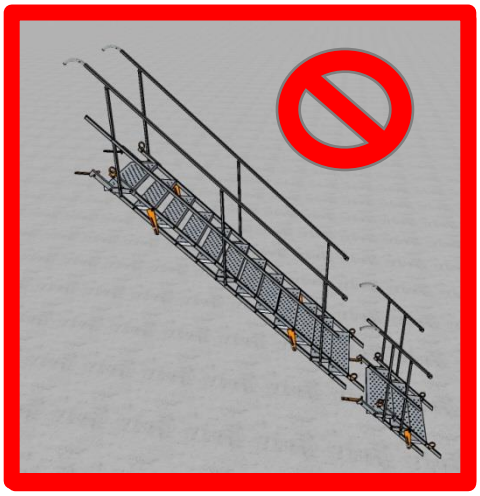
Order of two connected Stairways

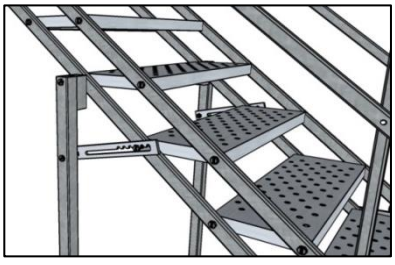
Connection 3-Step with 12-Step





- Further standard support needed

- Assembly via Screws at step 9



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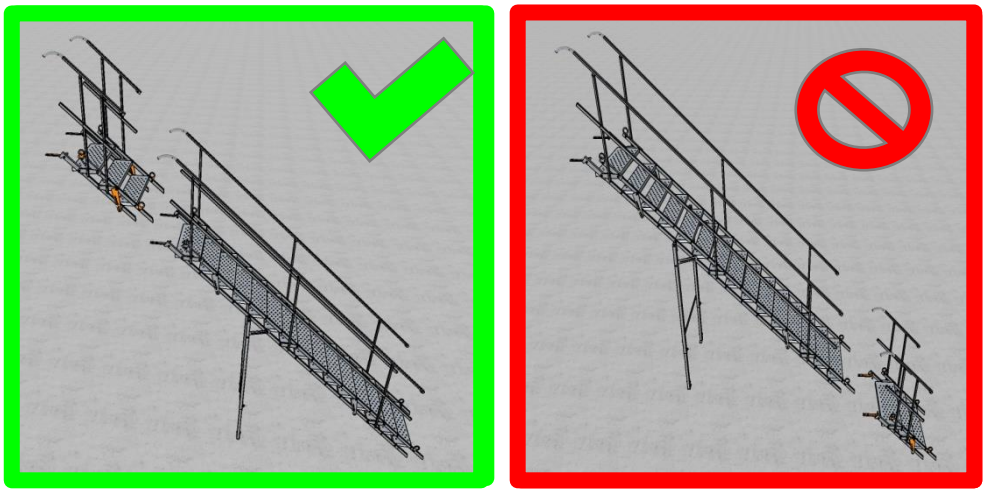
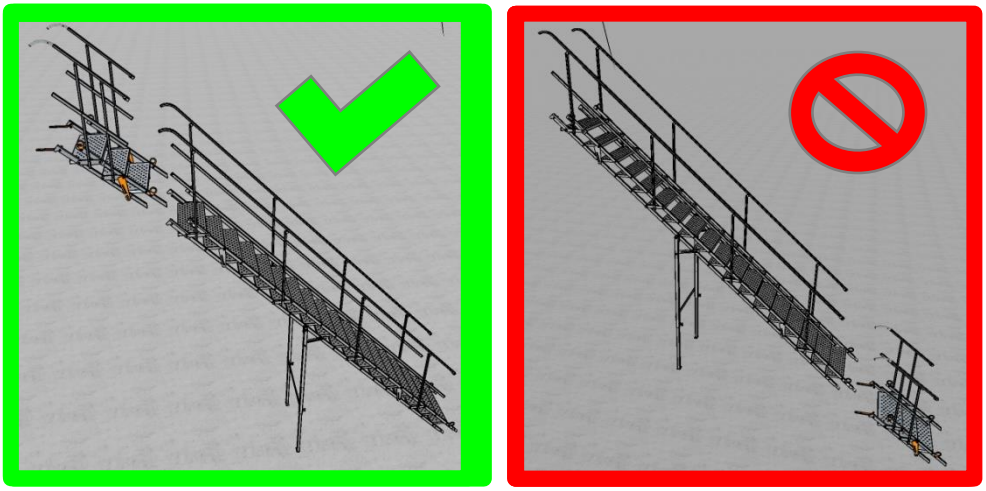
Order of two connected Stairways

Connection 3-Step with 15-Step



Connection 3-Step with 18-Step



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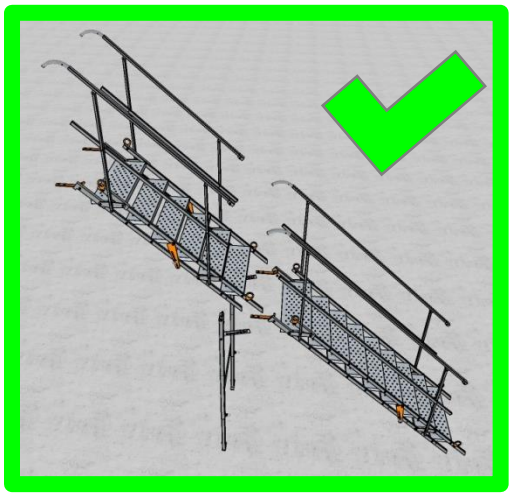
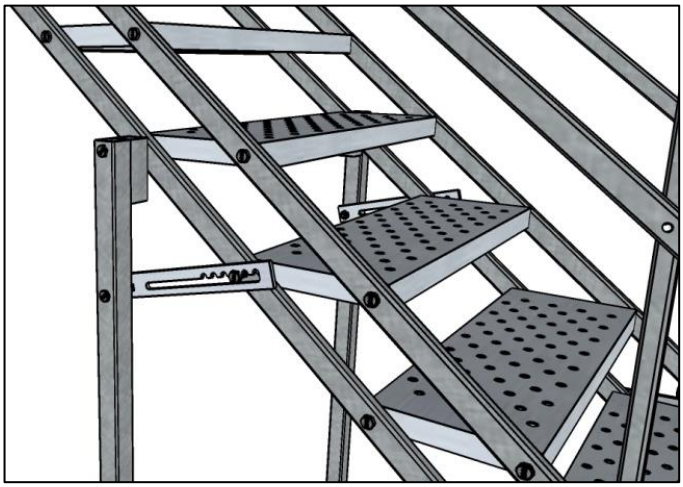
Order of two connected Stairways

Connection 6-Step with 9-Step



- Further standard support needed

- Assembly via Screws at step 10



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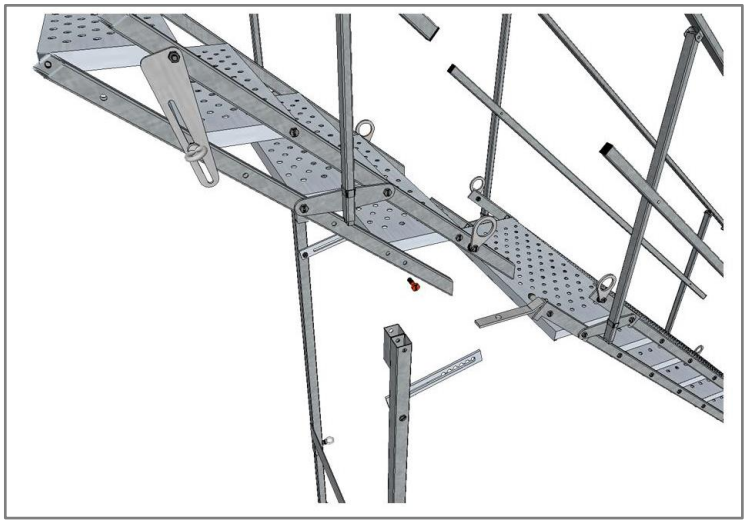
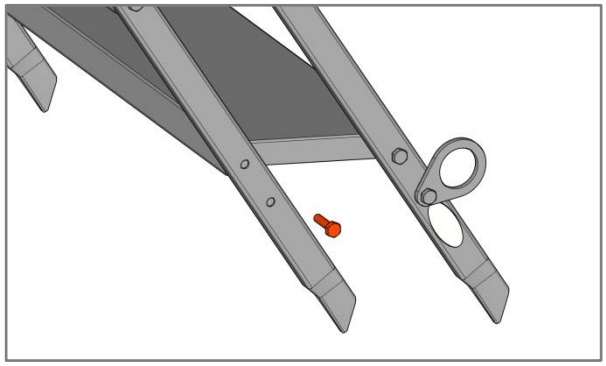
Order of two connected Stairways

Connection 6-Step with 9-Step

Assembly of the support 1



Remove bold ISO 4017 M10x35 8.8 and nut with clamping part ISO 10511 M10 8 at step 1 of the upper stairway at both lower side beams.



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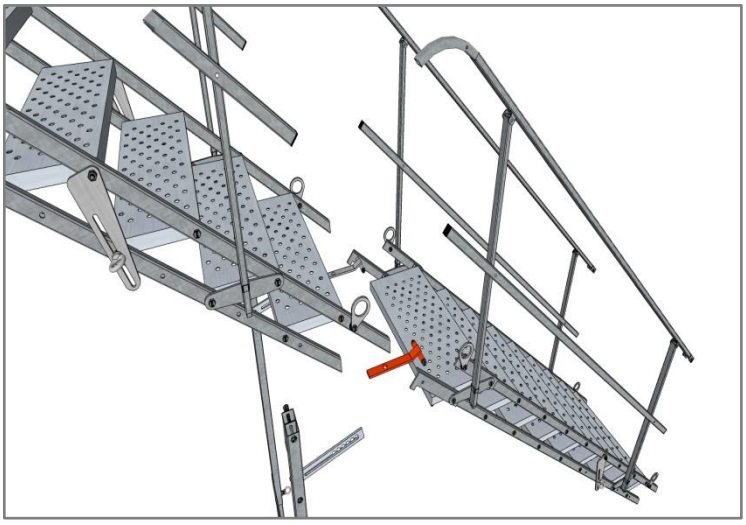
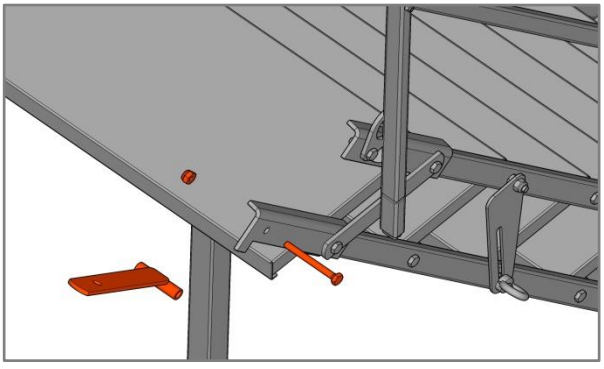
Order of two connected Stairways

Connection 6-Step with 9-Step

Assembly of the support 2



Remove bolt ISO 4017 M10x90 8.8 and nut with clamping part ISO 10511 M10 8 and the slabfix at the lower stairway on both lower side beams.



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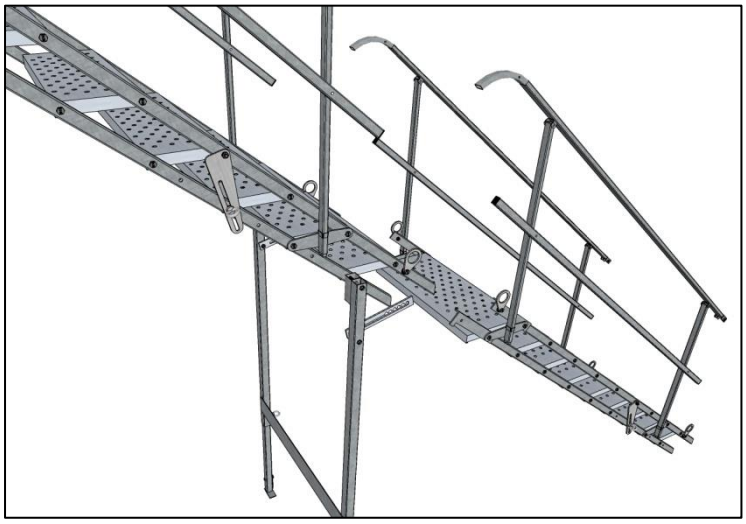
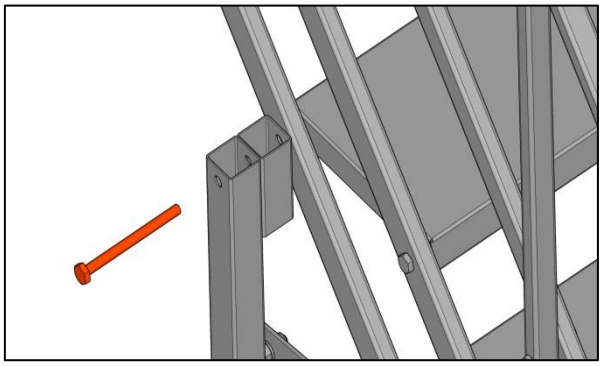
Order of two connected Stairways

Connection 6-Step with 9-Step

Assembly of the support 3



Attach the support to step 1 of the upper stairway using bolt ISO 4017 M10x120 8.8 and nut with clamping part ISO 10511 M10 8.



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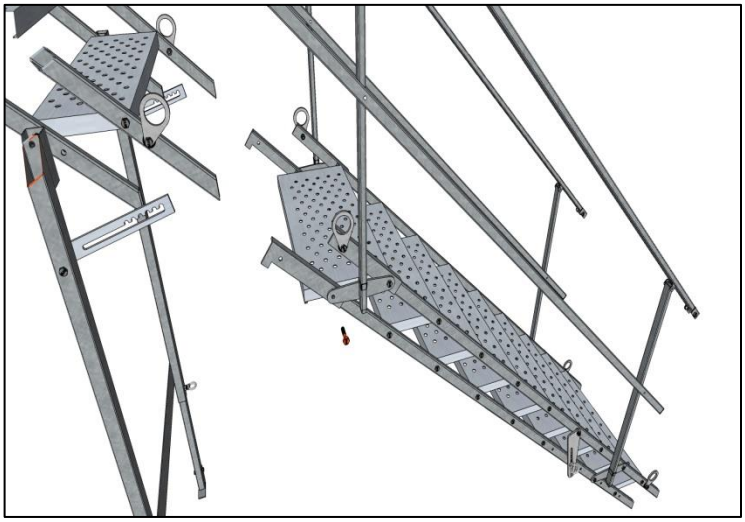
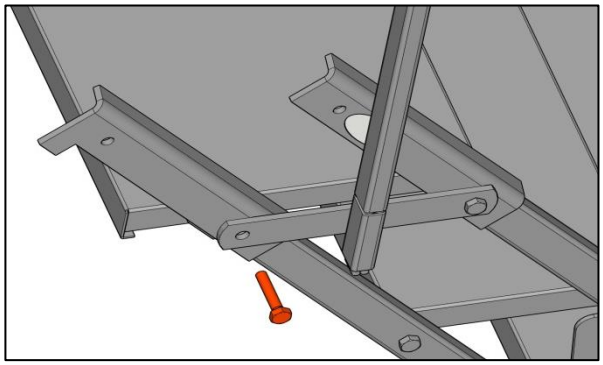
Order of two connected Stairways

Connection 6-Step with 9-Step

Assembly of the support 4

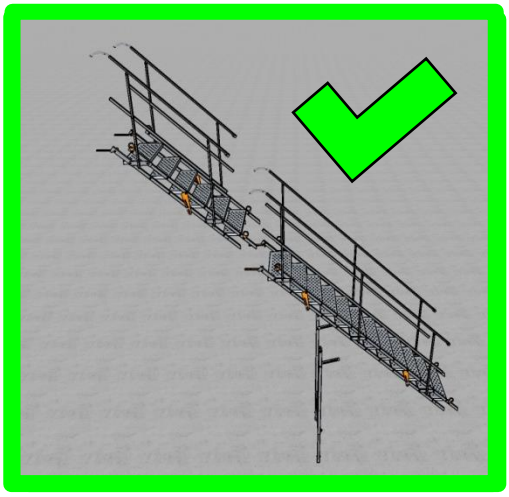


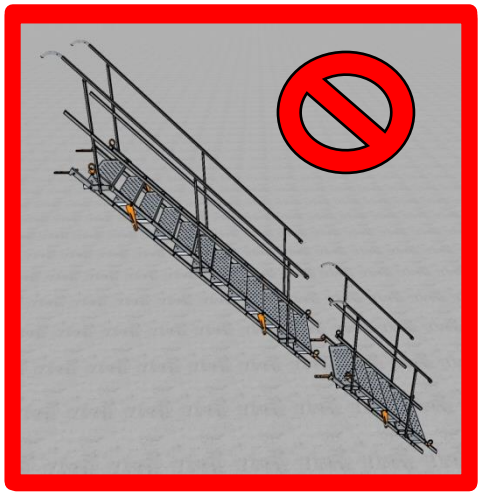
Loose bolt ISO 4017 M10x50 8.8 and nut with clamping part ISO 10511 M10 8 from step 9 of the lower side beams of the lower stairway.



Order of two connected Stairways

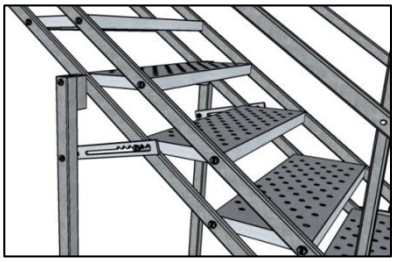
Connection 6-Step with 12-Step





- Further standard support needed

- Assembly via Screws at step 9



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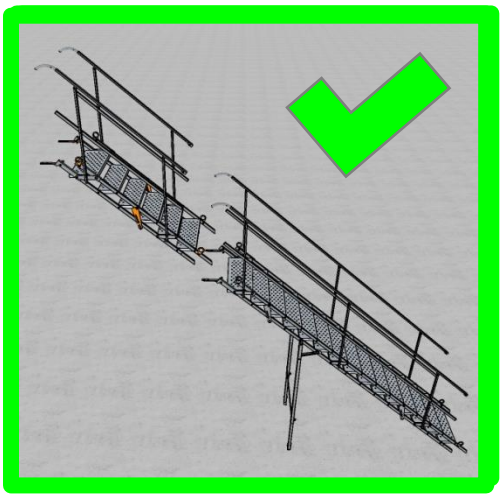
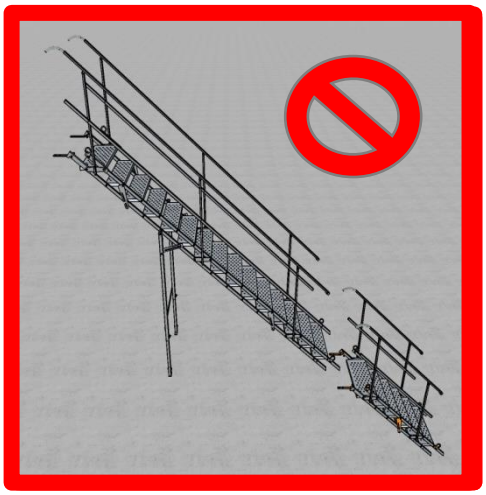
Order of two connected Stairways

Connection 6-Step with 15-Step





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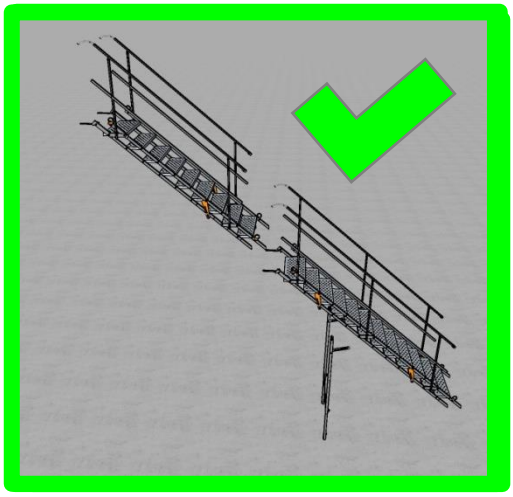
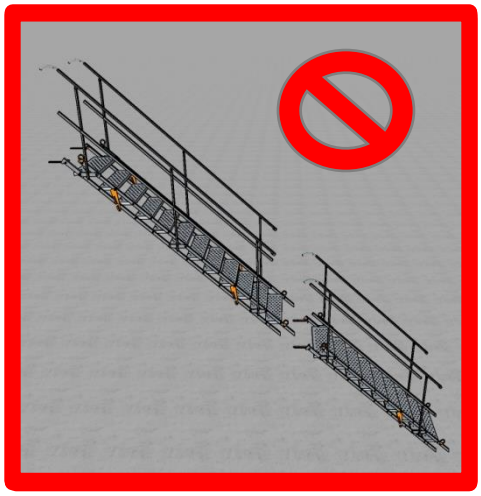
Order of two connected Stairways

Connection 9-Step with 12-Step





- Further standard support needed

- Assembly via Screws at step 9

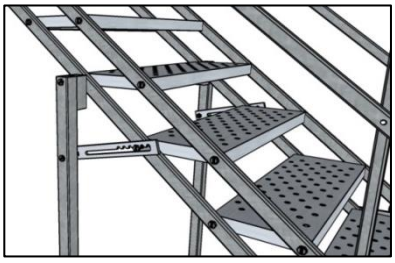


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Illustration of Stairway Components

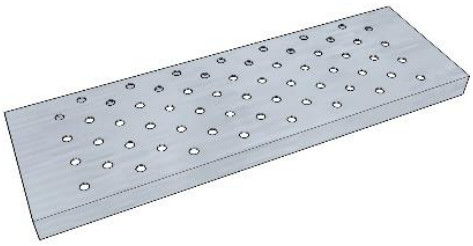
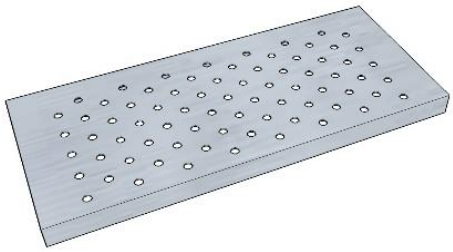
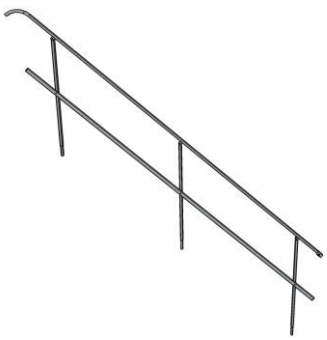
Item No.	Description	Illustration
20016	Standard Step Stairway 700	
20017	Standard Step Stairway 1000	
20018	Big Step Stairway 700	
20019	Big Step Stairway 1000	
	Side Beams	
20020	3-step Stairway	
20021	6-step Stairway	
20022	9-step Stairway	
20023	12-step Stairway	
20024	15-step Stairway	
20025	18-step Stairway	
	Handrails	
20026	3-step Stairway	
20027	6-step Stairway	
20028	9-step Stairway	
20029	12-step Stairway	
20030	15-step Stairway	
20031	18-step Stairway	

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Illustration of Stairway Components

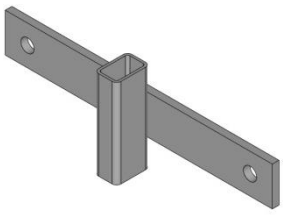
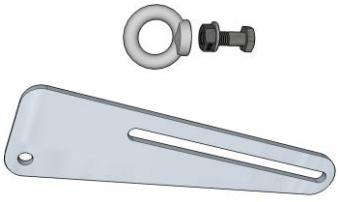
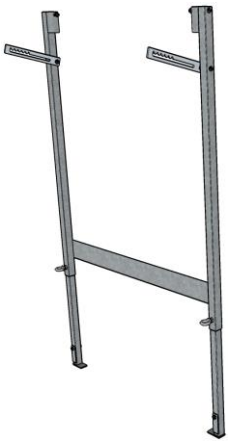
Item No.	Description	Illustration
20032	Handrail Holder	
20033	Stair Lock	
20034	Crane Hook	
20035 20036	Stairway Support 700 Stairway Support 1000	

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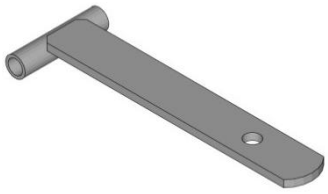
Illustration of Stairway Components

Item No.	Description	Illustration
20037	Slabfix for Stairway	
20038	Scaffoldfix for Stairway	

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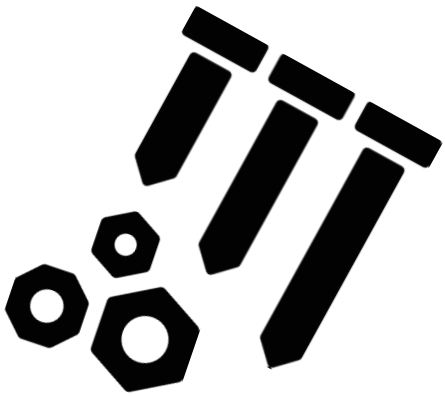
Needed Screws and Nuts

1. Screw M10 x 35 mm
2. Screw M10 x 40 mm
3. Screw M10 x 50 mm
4. Screw M10 x 60 mm
5. Screw M10 x 80 mm
6. Screw M10 x 120 mm
7. Nut M10
8. Nut M10 self-locking
9. Nut M10
10. Washer M10



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General Safety

When installing all Stairways, safety must be observed. The maximum load on individual components must always be kept in mind.

The maximum height and inclination of each Stairway must be observed.

If Stairways show significant damage that affects the statics, it must be removed from traffic immediately.

Before any use, special attention must be paid to the intrinsic safety. Statutory regulations and guidelines of the local authorities must be observed and followed at all times.

When in doubt please contact Safe At Site before usage.

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