Trench Bridge 5kN/m2

Trench Bridge 5kN/m2

The Trench Bridge can be used for holes, ditches or excavation work. The galvanized steel walkway is easy to dismantle. This allows you to easily transport and store your gangway. The armrests can also be removed on two sides. The deck of this gangway is made of anti-slip material. This keeps the stairs safe even in wet weather conditions and reduces the risk of falling and slipping. This gangway is made of galvanized steel to create optimum load capacity. For example, the current load capacity is 5 kN per m2.

This Trench Bridge is equipped with lifting eyes so that it can easily be placed with a crane. The gangway is also 'vandal-proof' and suitable for intensive use. The bridge does not contain any breakable parts and is made entirely of steel. This is very interesting for events, for example. The best thing about this gangway is that you have a large free span without bearing points in the middle. Finally, it is also wheelchair-friendly.

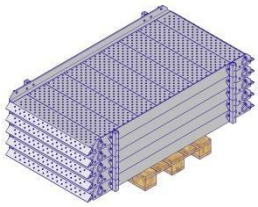
Features:

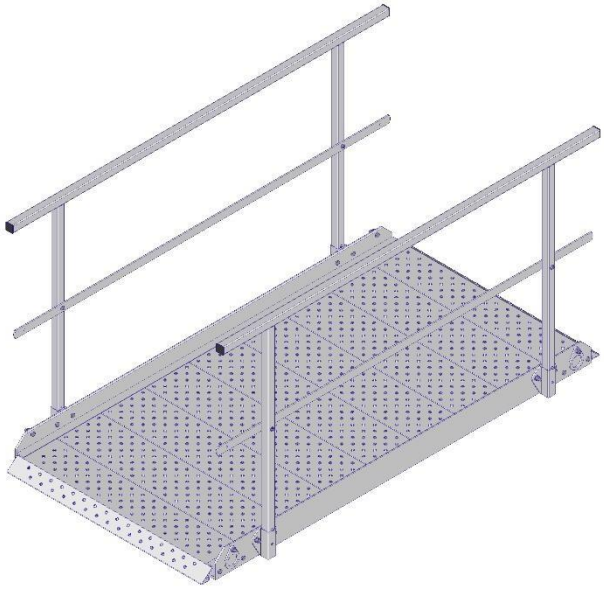
- Safe: The Trench Bridge is equipped with a banister on both sides and has a safe anti-slip floor. The staircase has a load capacity of 5 kN/m2.
- Flexible: The Trench Bridge is easily adjustable and available in different lengths. So there is always a staircase that fits. You can also easily transport and store the Trench Bridge.
- Durable: Our galvanized walkway is long-lasting. You can use the flexible bridge for a long time or at multiple locations. A beautiful durable product!
- Efficient: You can easily transport the treadle and place it in the right place. You do not need any middle support pillars.
- Affordable: The Trench Bridge is competitively priced because EasyStairs produces them in series.
- Appearance: The Trench Bridge a professional appearance to employees, clients and visitors.

Trench Bridge 2.000 mm

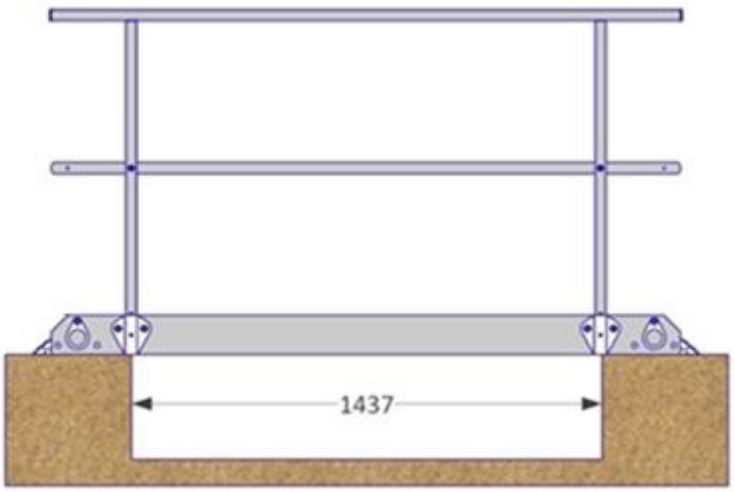
Specifications:
Length: 2.037 mm
Widht: 1.000 mm
Height: 1.054 mm
Weight: 136 kg
Max. load: 5kN/m2
Material: Verzinkt staal
Standard: EN12811

Transportation:
5 Pieces fit on 1 Euro pallet
Dimensions: 2.040x1.200x900 mm
Weight: 700 kg





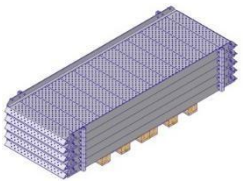
Bridgable width: 1.437 mm
Min. 300 mm overlap on both ends.

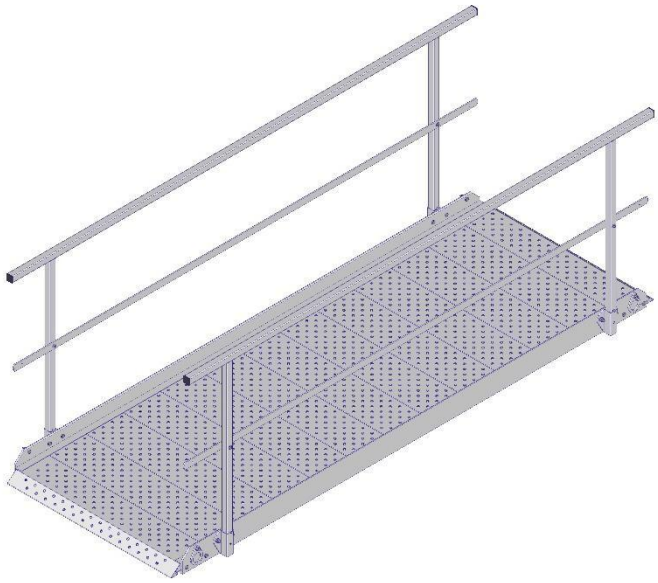


Trench Bridge 3.000 mm

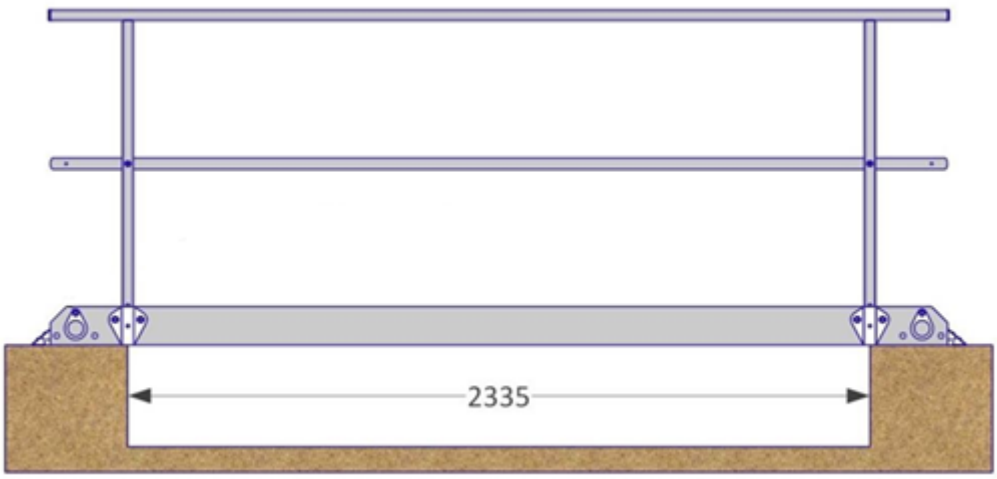
Specifications:
Length: 2.935 mm
Widht: 1.000 mm
Height: 1.054 mm
Weight: 190 kg
Max. load: 5kN/m2
Material: Verzinkt staal
Standard: EN12811

Transportation:
5 Pieces fit on 2 Euro pallets
Dimensions: 3.000x1.200x900 mm
Weight: 990 kg





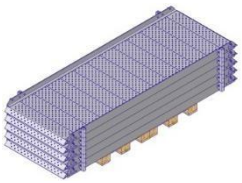
Bridgable width: 2.335 mm
Min. 300 mm overlap on both ends.

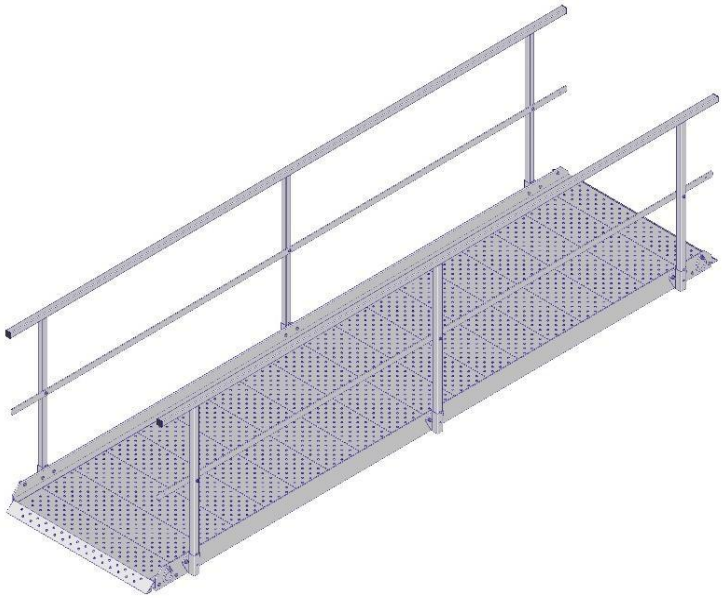


Trench Bridge 4.000 mm

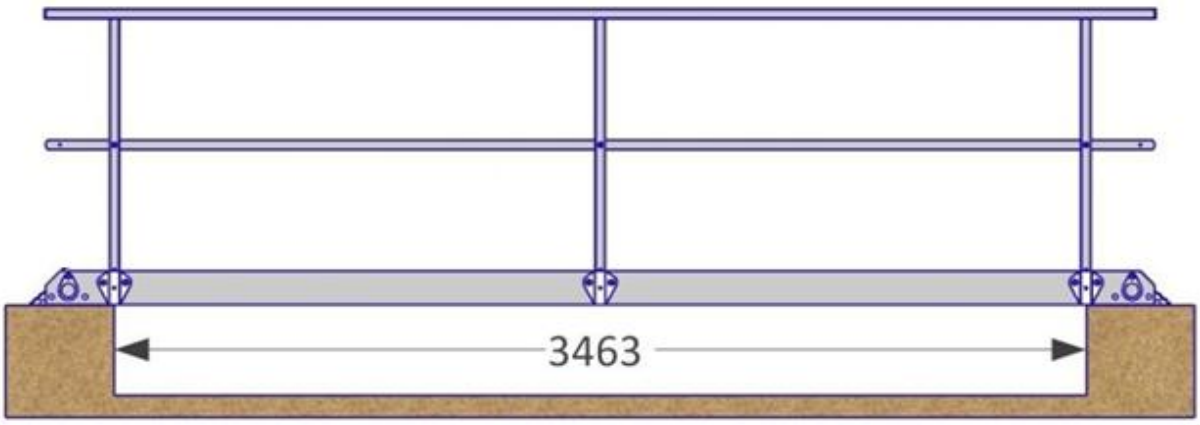
Specifications:
Length: 4.063 mm
Widht: 1.000 mm
Height: 1.054 mm
Weight: 263 kg
Max. load: 5kN/m2
Material: Verzinkt staal
Standard: EN12811

Transportation:
5 Pieces fit on 2 Euro pallets
Dimensions: 4.100x1.200x900 mm
Weight: 1.355 kg





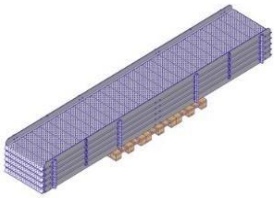
Bridgable width: 3.463 mm
Min. 300 mm overlap on both ends.

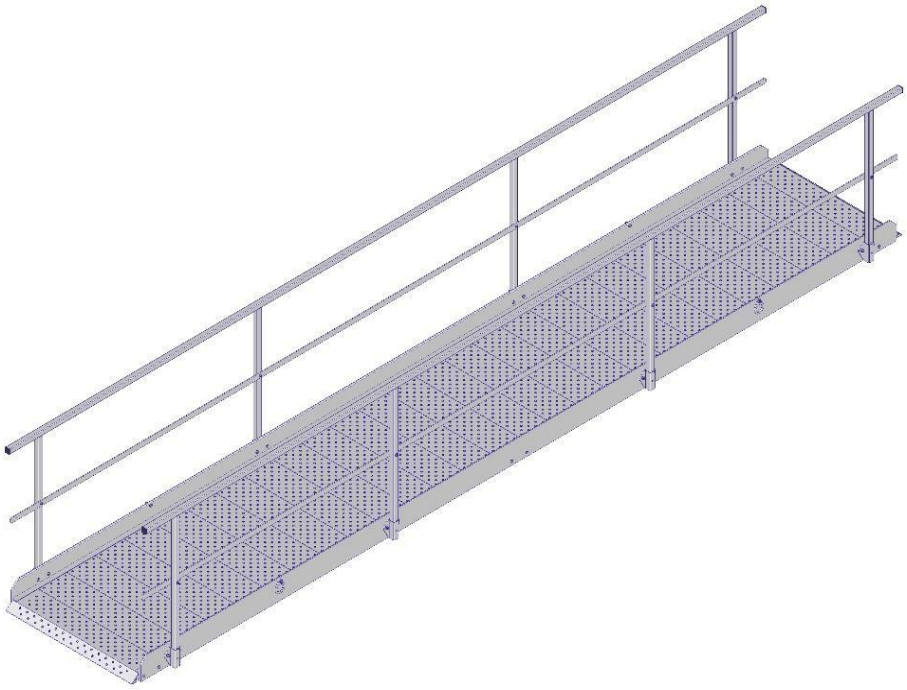


Trench Bridge 6.000 mm

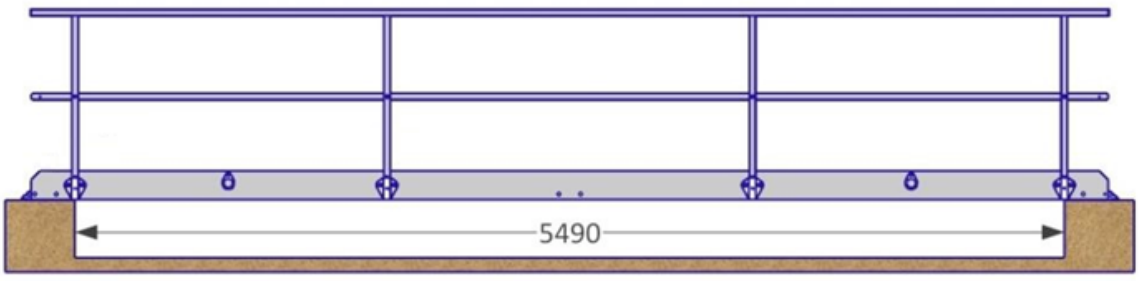
Specifications:
Length: 6.090 mm
Width: 1.000 mm
Height: 1.054 mm
Weight: 465 kg
Max. load: 5kN/m2
Material: Verzinkt staal
Standard: EN12811

Transportation:
5 Pieces fit on 3 Euro pallets
Dimensions: 6.100x1.200x900 mm
Weight: 2.385 kg





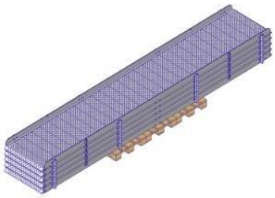
Bridgable width: 5.490 mm
Min. 300 mm overlap on both ends.

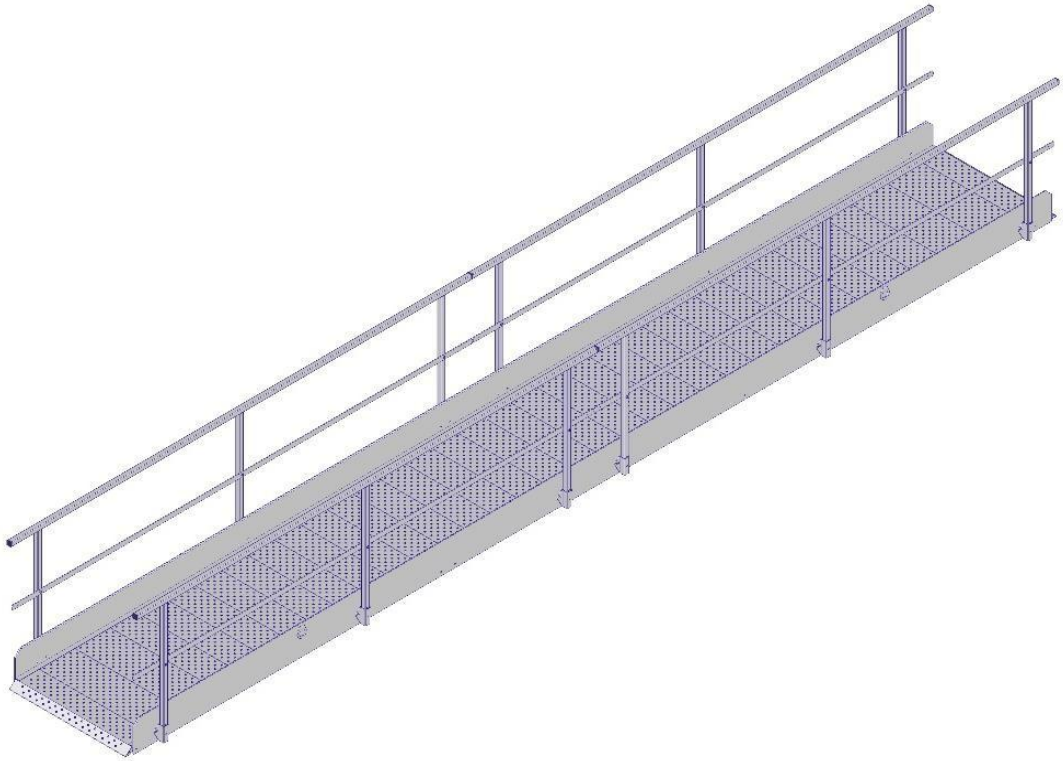


Trench Bridge 8.000 mm

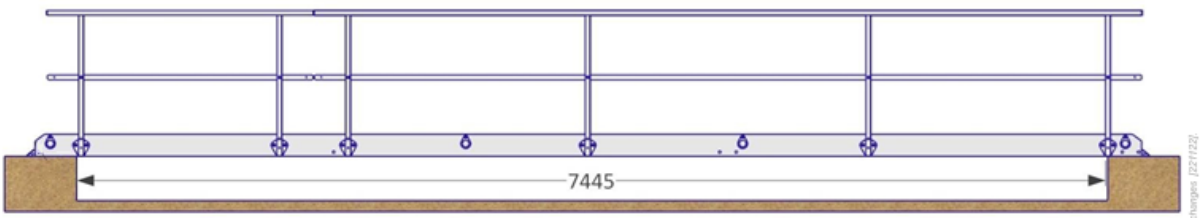
Specifications:
Length: 7.990 mm
Width: 1.000 mm
Height: 1.054 mm
Weight: 743 kg
Max. load: 5kN/m2
Material: Verzinkt staal
Standard: EN12811

Transportation:
5 Pieces fit on 4 Euro pallets
Dimensions: 8.000x1.200x700 mm
Weight: 2.385 kg

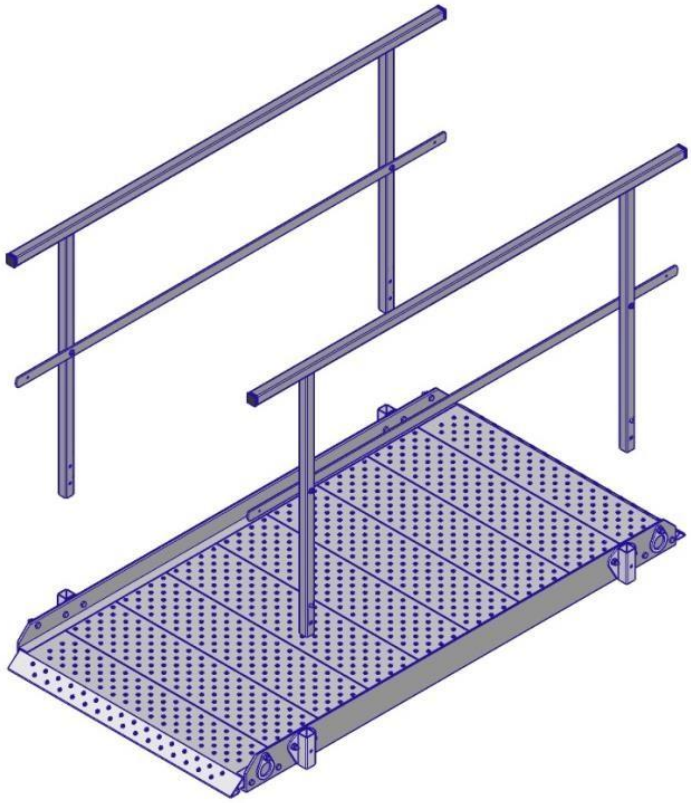


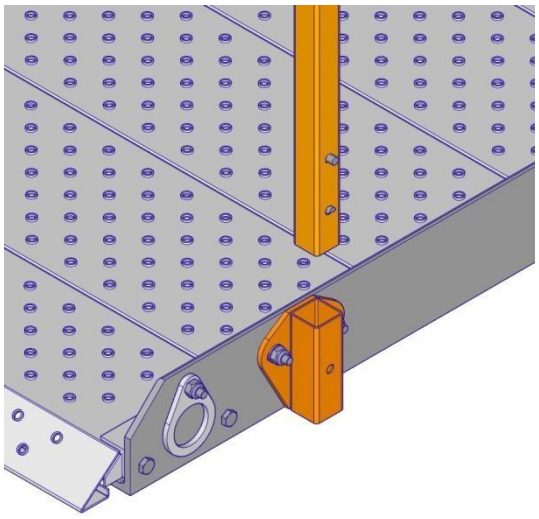


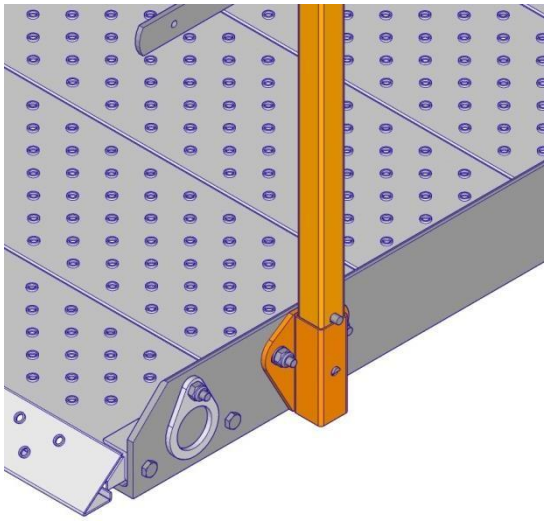
Bridgable width: 7.445 mm
Min. 300 mm overlap on both ends.



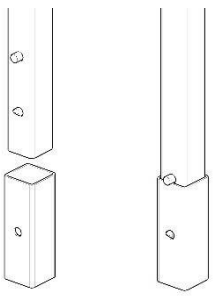
Assembly





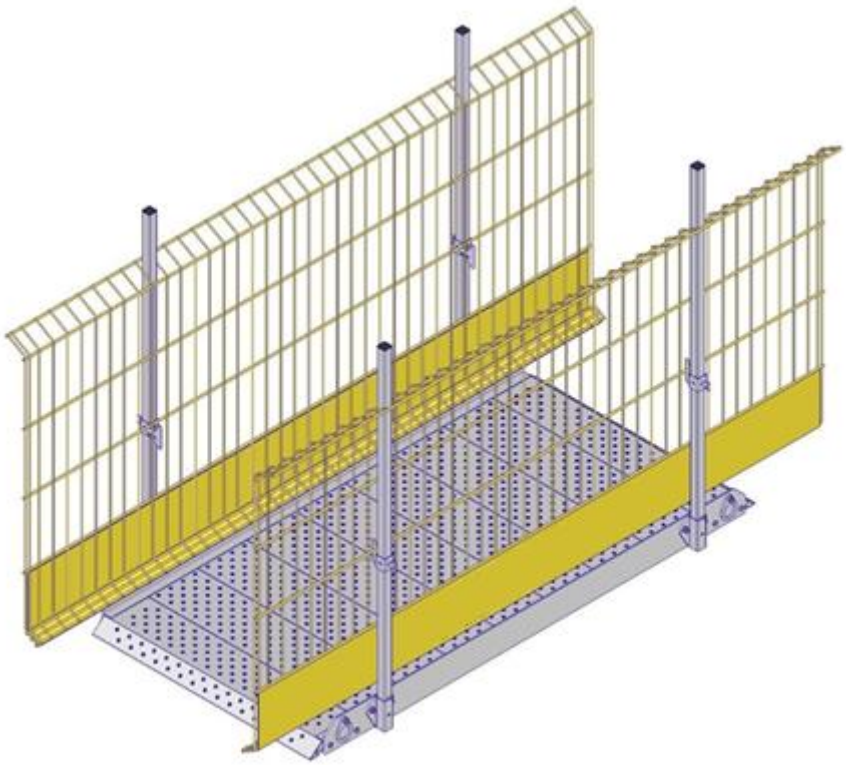


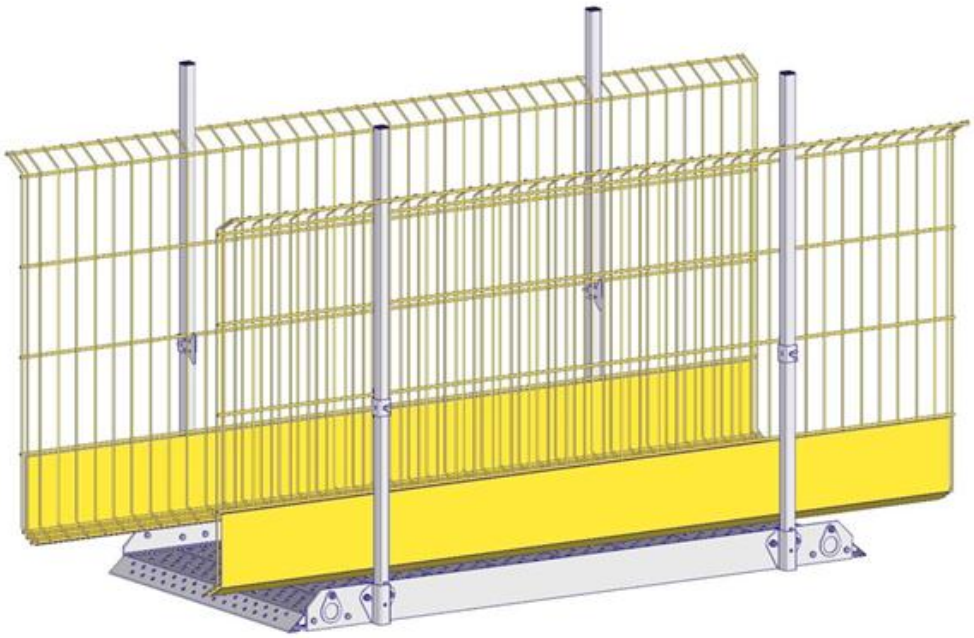
Self locking Easy Snap machanism



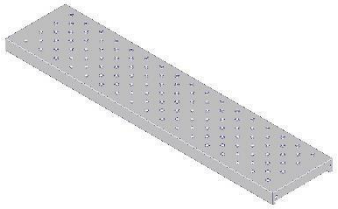
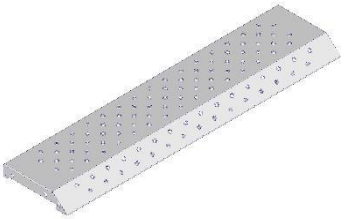
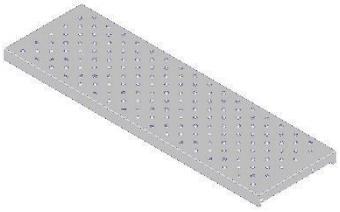
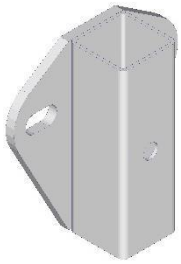
Combination with Edge protection

EasyStairs standard barriers and post scan also be used instead of the usual handrails.





Parts

Item no.	Description	Image
5161012	Step 225x1.000	
6200000003	Lowered Step	
5161013	Step 305x1.000	
6200000018	Handrail Holder	
5161002	Crane Hook	

General Safety

All EasyStairs products must be installed by a correctly instructed and experienced person. For this purpose, we strongly recommend appropriate training by EasyStairs experts.

In the event of significant load impact (possibly with deformation of the structure), all components must be inspected and removed from service by qualified personnel. If needed, everything impacted should be disposed of immediately in a professional manner to avoid confusion. The remaining components must be repaired by qualified personnel in consultation with EasyStaisr or else also disposed of.

Correct and damage-free assembly must be checked every time the system is mounted, every time it is rearranged and at regular intervals in the meantime. EasyStairs suggests weekly intervals. If installed Trench Bridges were exposed to dirt, snow etc. it is mandatory to clean the Trench Bridges immediately as any residues could affect safety.

The wearing of personal protective and safety equipment during assembly, rearranging and disassembly is mandatory. Do not assemble at the slab edge or in situations where there is a potential danger of falling or other potential dangers without personal protective and safety equipment.

- Always use personal safety and fall arrest equipment when there is a risk of falling or other risks during assembly of EasyStairt Trench Bridges.
- Check all products before use. If damaged, the components must be inspected by a qualified person and if needed disposed of. Contact EasyStairs in the event of uncertainty!
- Do not use damaged, overly bended, or rusty material as this can affect safety!
- Mixing different products from different systems is not recommended!
- Make sure to always mount the EasyStairs products according to the current Component Data Sheets and this User Manual!

The wearing of personal protective and safety equipment during assembly, rearranging and disassembly is mandatory. Do not assemble at the slab edge without personal protective and safety equipment. The personnel doing the installations always need to pay attention to their surroundings and always have their own safety as well as the safety of other workforce in mind. Nobody should expose themselves to unnecessary and unpredictable risk.

Inspection and maintenace

Checklist:
The workforce installing the Trench Bridges should check the components before use and during assembly. Damaged, deformed or otherwise impaired components should never be used as this could affect the safety of the system.

The final inspection of the system should be carried out by a trained and competent person once the installation is finished using the following checklist:

- Are the Trench Bridges used suitable for the given situation and application?
- Is the overlap on both ends at least 300 mm?
- Is the underground which supports the Trench Bridges suitable, meaning is it an even surface which is not too slippery?
- Are no parts deformed or cracked or otherwise impaired in a way it could potentially affect safety?
- Is the maximum bridgeable distance not exceeded?
- Are the handrails installed correctly, meaning did the snap in sufficiently within the handrail holders?
- Have dirt, snow etc. been removed from the Trench Bridges in order to guarantee safe passage?
- Is everyone using the Trench Bridge aware of the maximum load capacity?

If any of these points must be answered with 'No' or if any of this points is questionable, the Trench Bridge must be rearranged. If in doubt, please contact EasyStairs.

Damage repport:
If Trench Bridge components get deformed, damaged, lost or otherwise impaired during use, it must be reported at once to the responsible site manager and to the health and safety representative. Furthermore a Damage Report must be written and filed, showing the following data

- Construction site
- Responsible company
- Date
- The person reporting
- Data of the site manager and of the health and safety representative
- Description of the incident
- Images of the incident
- Counter measures that will be taken
- Signature of the person reporting and of the site manager

Inspectie:
All Trench Bridges must be inspected on a regular basis while in use. It is recommended to inspect the erected Trench Bridges weekly. Furthermore it is recommended to file a inspection report each time showing the following data: construction site and responsible company, date, the person inspecting, data of the site manager and of the health and safety representative, description of the inspected edge protection, location on site of the inspected Trench Bridges, images of the Trench Bridges, if something is out of the required then description of which and then counter measures that will be taken or have been taken, signature of the person inspecting and of the site manager.

If Trench Bridge components are damaged, deformed or otherwise impaired they must be replaced immediately by a trained and competent person. If an immediate replacement cannot be done the part around the Trench Bridge where a safety hazard has occurred must be blocked as long as the problem has not been fixed. Current regulations apply.