

TWF TIEFBAUTECHNIK

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TRENCH BRIDGE

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OPERATING MANUAL

09-2023

► Aluminium trench bridges

Areas of use

Temporary bridges for pedestrians must be provided for excavations in front of entrances to buildings or trenches that are transverse to the direction of walking as well as in areas where there is a risk of tripping or falling due to uneven or loose surfaces.

On footpaths with a high density of traffic or in pedestrian zones the temporary bridges must be wider or several bridges must be combined as specified.



Please note:

All components must be visually inspected for damage before installation. Damaged parts must not be used. Complies with the German Workplace Ordinance and the ZTV-SA regulation for securing roadworks

Technical data:

- Suitable for cyclists, **wheelchair users** and **Visually impaired people**.
- Our trench bridges feature foldable side railings (**fall protection**) pursuant to DIN 4420, part 1-standard consisting of:
 - A smooth, burr- and splinter-free 1-m-high safety railing.
 - A 250-mm-high board.The side rails come with red-white-red reflecting stripes (type 2 pursuant to DIN 67 520, part 2-standard) and safety markings.
- The clear width of the bridge is **1.30 metres**
- Anti-slip teardrop plate walkway
- Load 200 kg/m²

Features

- Foldable railings
- No risk of tripping on ramps
- Anti-slip surface

Available in two sizes

- 2.800 x 1.300 mm **Item number.: 20 999 050**
- 3.300 x 1.300 mm **Item number.: 20 999 055**

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Assembly:

The aluminium trench bridge comes **fully assembled**.

The aluminium trench bridge is **ready for use once the side railings are erected**.

The bridge must rest securely on a surface with a width of **at least 10 cm** on each side.

Please note: Ensure a contact area with a width of at least 10 cm on each side – do not rest the weight on the access ramps only.



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