

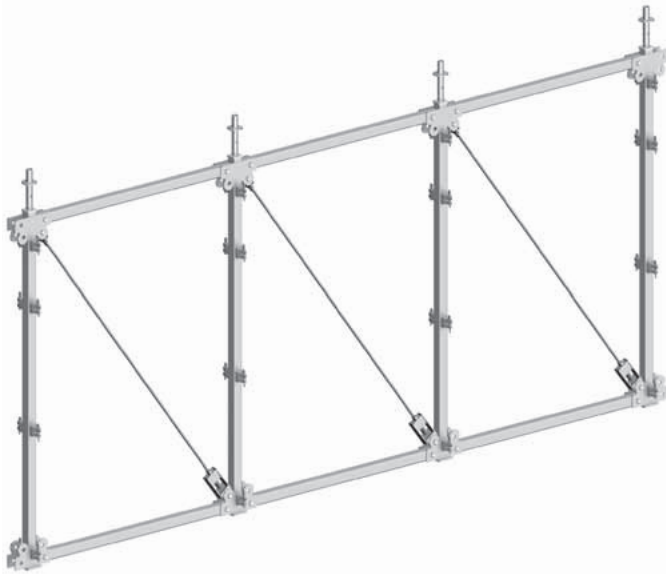
Layher Info

**Technology
and Products**

March 2010

Can be a footbridge or a support girder for heavy loads

The Allround bridging system



The Allround bridging system is the ideal complement to Layher Allround equipment. With just a few additional components, the load-bearing capacity of the proven Allround system can be increased enough to create, for example, wide-span footbridges or support structures for heavy loads.

The Allround bridging system is available in the familiar Layher dimensions of 2.07 m and 2.57 m, with its unique wedge head connection making it fully compatible with Layher Allround equipment. Simple bolt connections enable the components of the bridging system to be connected up, resulting in quick and easy assembly.

When used as a support girder for a scaffolding structure, podium or roof structure, the Allround bridging system is connected to the structure above it by using Allround standards integrated into the top. Using the wedge heads welded onto the sides, even suspended scaffolding structures can be connected, or several bridging units can be connected next to one another for a further increase in the load-bearing capacity.

When a footbridge is built, the Allround bridging system is connected to Allround standards using the wedge heads provided on the sides of the posts. Depending on application, either Event decks or steel decks can be used. The bridge can also be clad using Layher Protect cassettes and roofed. The bridge is mounted on Layher heavy-duty supports with specially designed support elements. These support elements permit pre-assembly on the ground and subsequent insertion by crane, which is a major advantage when spanning bridges across roads.



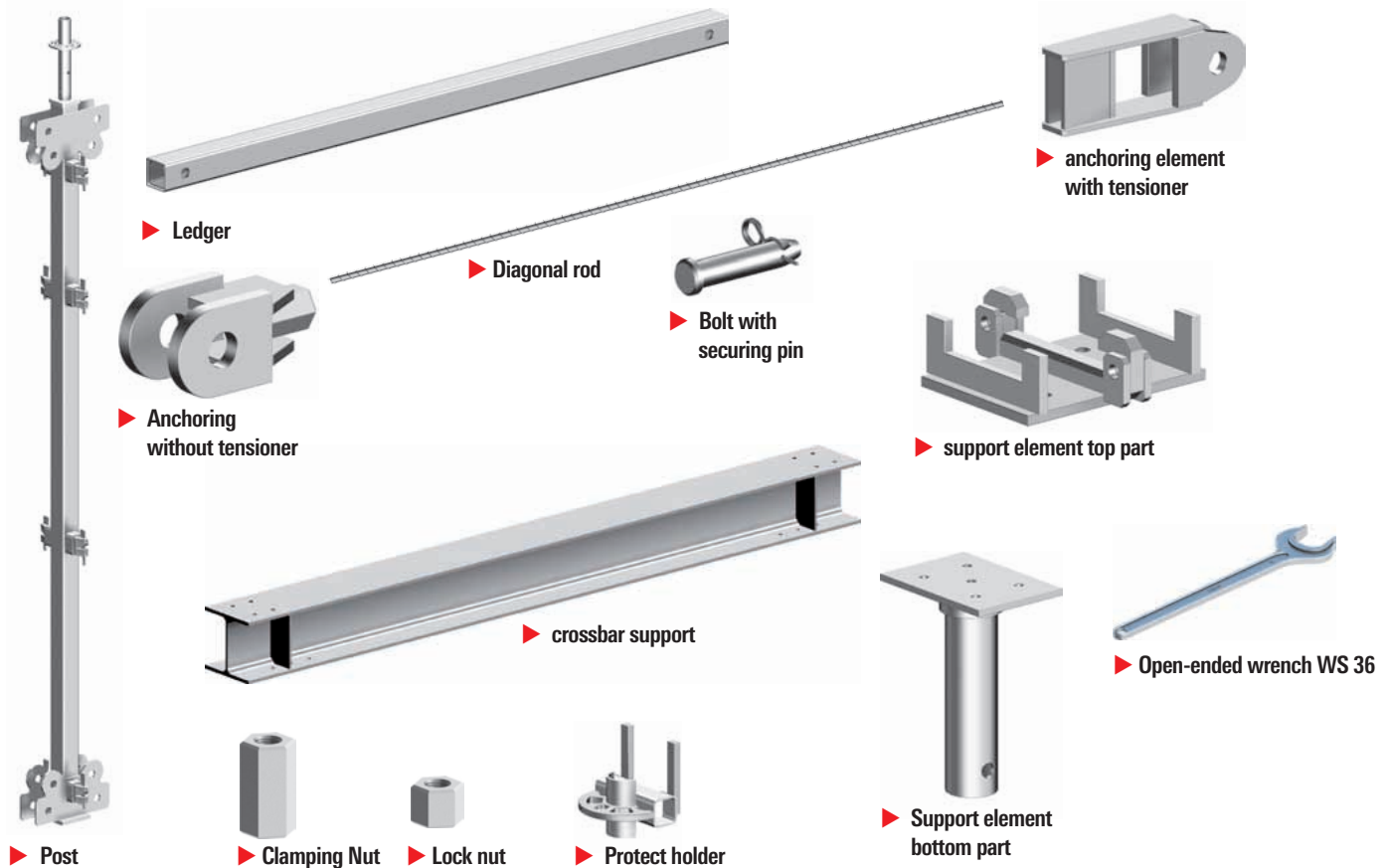
In use as a footbridge, span about 25 m, with Protect cladding and roofing in places

Your benefit

- ▶ Extremely high load-bearing capacity
- ▶ Fully compatible with Allround equipment
- ▶ Length flexible within standard dimensions of 2.07 m or 2.57 m
- ▶ Camber using adjustable diagonal rods
- ▶ Simple bolt connections
- ▶ Support for scaffolding, podiums and roofs
- ▶ Bridges with spans up to about 30 m
- ▶ Cladding using Protect system possible
- ▶ Cantilever and continuous beams possible
- ▶ Can be pre-assembled on the ground
- ▶ Simple mounting on Layher heavy-duty supports

Layher® 

More Possibilities. The Scaffolding System.



Description	Dimensions [m]	Weight approx. [kg]	Ref. No.	Unit price €
▶ Post		56.0	2671.000	381.00
▶ Ledger	2.07	20.8	2671.010	97.00
	2.57	25.8	2671.020	121.00
▶ Diagonal rod	for 2.07 m grid	7.9	2671.030	52.00
	for 2.57 m grid	8.7	2671.040	57.00
▶ Anchoring element with tensioner without tensioner		5.5	2671.050	52.00
		2.9	2671.060	52.00
▶ Bolt D = 30 mm; grade 8.8		0.8	2671.070	14.60
▶ Securing pin D = 4 mm		0.1	5905.000	0.80
▶ Support element top part bottom part		4.8	2671.080	140.00
		5.5	2671.090	36.00
▶ Crossbar support	for bridge width B = 2.07 m	145.8	2671.100	532.00
	for bridge width B = 2.57 m	167.0	2671.105	627.00
▶ Protect holder		1.1	2671.110	24.00
▶ Clamping nut diagonal rod; WS 36 x 70; galvanized		0.4	2671.120	12.60
▶ Lock nut diagonal rod; WS 36 x 70; galvanized		0.2	2671.130	6.20
▶ Open-ended wrench, WS 36		0.5	0724.175	19.90

All dimensions and weights are guideline values. Subject to technical modification. Our deliveries shall be made exclusively in accordance with our currently valid General Terms of Sale. Prices are stated ex works and not including the legally valid rate of VAT
 = available ex works

Wilhelm Layher GmbH & Co. KG
 Scaffolding Grandstands Ladders
 Ochsenbacher Strasse 56
 D-74363 Gueglingen-Eibensbach

Phone: 07135 / 70 - 0
 Fax: 07135 / 70 - 372
 E-Mail: export@layher.com

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