

Crank trestle

Instructions for assembly and use



The trestle scaffolding is a simple, practical way of working both in height and length. The system consists of two or more scaffolding trestles and a stable support.

General note:

Guardrail and intermediate rails must be secured against unintentional loosening and the toe board against tipping. Guardrails and intermediate rails may be used without structural verification:

up to 2.0 m post spacing = scaffolding boards from 15 x 3 cm (cross-section)
up to 3.0 m post spacing = scaffolding boards from 20 x 4 cm (cross-section)

Only suitable persons who are familiar with this work may erect, substantially modify or dismantle scaffolding under expert supervision

Scaffolding trestles must be erected on appropriately stable and immovable bases, such as base plates, squared timber or posts. Bricks, crates, pallets and the like may not be used as a base.

If a substructure is required, it must be tilt-proof.

Jumping off scaffolding or throwing anything onto it is prohibited. The storage and stacking of building materials and the depositing of loads is only permitted within the scope of the permissible load-bearing capacity.

Technical data:

Painted:	Part-no.	Weight
Width 1.50m	10130	42kg
Height 1.70m-3.00m		
Galvanized:		
Width 1.50m	10130V	43kg
Height 1.70m -3.00m		
Crank of the scaffolding trestle	11280	1.5
Galvanized		



Required load capacity in kg1) of the scaffolding trestles depending on the load class, the planking width and the spacing of the scaffold trestles

▲ ▲ ▲ Scaffolding planks as multi-span girders

Load classes of working scaffolding	
Load classes	Uniformly distributed load kN/m2
1	0,75
2	1,50
3	2,00
4	3,00
5	4,50
6	6,00

Load class	Co-vering width m	Spacing of the scaffolding trestles								
		0,80 m	1,00 m	1,25 m	1,50 m	1,75 m	2,00 m	2,25 m	2,50 m	2,75 m
1-3	0,60	138	173	216	259	302	345	388	431	474
1-3	0,90	207	259	323	288	453	518	582	647	712
4		297	371	464	557	650	743	835	928	1021
5		432	540	675	810	945	1080	1215	1350	1485
6		567	709	886	1063	1240	1418	1595	1772	1949
1-3	1,00	230	288	359	431	503	575	647	719	791
4		330	413	516	619	722	825	928	1031	1134
5		480	600	750	900	1050	1200	1350	1500	1650
6		630	788	984	1181	1378	1575	1772	1969	2166
1-3	1,20	276	345	431	518	604	690	776	863	949
4		396	495	619	743	866	990	1114	1238	1361
5		576	720	900	1080	1260	1440	1620	1800	1980
6		756	945	1181	1413	1654	1890	2126	2363	2599
1-3	1,50	345	431	539	647	755	863	970	1078	1186
4		495	619	774	929	1083	1238	1393	1548	1702
5		720	900	1125	1350	1575	1800	2025	2250	2475
6		945	1181	1477	1772	2067	2363	2658	2953	3248

Minimum dimensions of scaffolding boards

Load class	Board and plank width in cm	Board plank thickness in cm				
		3,00	3,50	4,00	4,50	5,00
		Permissible span in m				
1,2,3,	20,00	1,25	1,50	1,75	2,25	2,50
	24 und 28	1,25	1,75	2,25	2,50	2,75
4,00	20,00	1,25	1,50	1,75	2,25	2,50
	24 und 28	1,25	1,75	2,00	2,25	2,50
5,00	20,24,28	1,25	1,25	1,50	1,75	2,50
6,00	20,24,28	1,00	1,25	1,25	1,50	1,75

Accessories

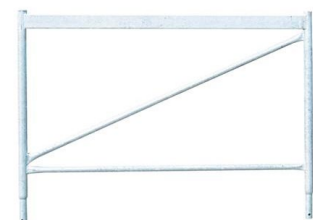
Essay part

For inserting into the mounting spigots of the crank and universal scaffolding frames as fall protection. Tubular steel construction made of Ø 48.3 mm round tube with diagonal reinforcements. Support traverse made of 80 mm x 40 mm square tube. Height of the top section: 1.00 m

parted:	Part-no.	kg
Width: 1.20 m	11273	13.5
Width: 1.20 m	11274	13.5
galvanized		
Width: 1.50 m	11275	13.5
Width: 1.50 m	11276	13.5



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Railing post/ corner railing post

For inserting into the mounting sockets of the crank and universal scaffolding frames. Tubular steel construction made of Ø 48.3 mm round tube with 2 welded-on hooks for holding planks as fall protection. There are holes in the hooks for fixing the boards, which can be used for nailing the boards. The lower hook is movable and is used to hold toe boards as a safety edge. Height of the railing post: 1.00 m

Railing post	Part-no.	kg
painted	11277	3.5
galvanized	11277V	3.5
Corner railing post		
painted	11278	4.0
galvanized	11278V	4.0



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Diagonal bracing

Diagonal braces are used to brace crank or universal scaffolding frames. The bracing is attached with the hole at the end of the inner tube

The bracing is hooked into the corresponding construction on the top frame of the scaffolding trestle with the hole at the end of the inner tube and screwed to the base of the 2nd crank or universal scaffolding trestle at the other end using a clamp. The connecting clamp is included in the article. The entire strut can be telescoped in the range of 2.00 m - 2.60 m and is secured by means of captive pins

	Part-no.	kg
painted	11271	6.0
galvanized	11272	6.0



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Skills:

- Flexible system
- Convenient height adjustment
- 1600kg load capacity



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