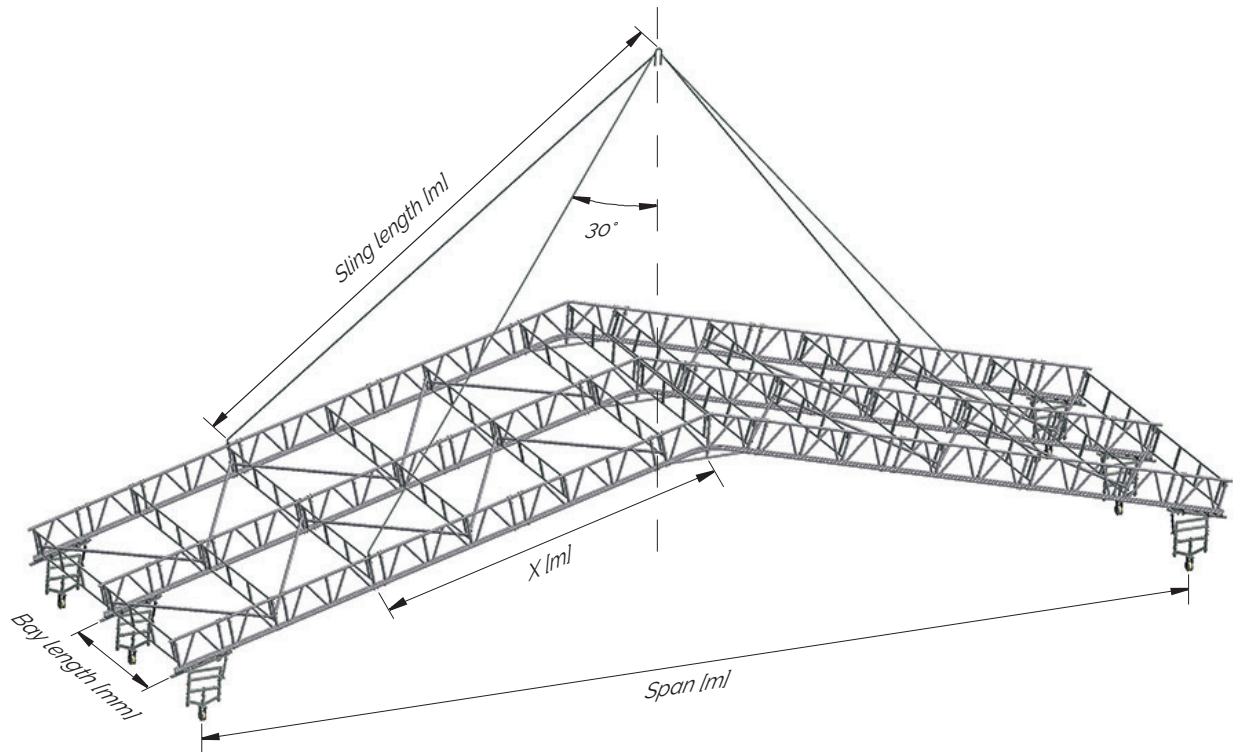


TKS 750 Weather Protection - Instructions for Lifting



Lifting roof sections are an advantage when covering structures where supplies are to be provided by crane or when working on similarly shaped structures for which the covering can be moved from stage to stage. Weather protection roofs with a slope of 15° can usually be lifted in sections of 1-4 bays in length depending on the span (see tables 1-4). Sling lengths have been calculated for an angle of 30°.den (se tabell 1-4).

Roof sections

1 bays, length 3050 mm (table 1)

Span [m]	Weight [kg]	X [m]	Sling length S [m]
8.3	502	2.4	5.8
10.7	597	2.4	5.8
12.7	640	3.4	7.6
14.6	693	4.4	9.6
17.0	785	5.6	12.0
18.9	839	5.6	12.0
20.9	881	5.6	12.0
23.3	983	6.6	14.0
25.2	1025	6.6	14.0
27.2	1078	7.6	16.0

2 bays, length 6100 mm (table 2)

Span [m]	Weight [kg]	X [m]	Sling length S [m]
8.3	784	2.4	7.9
10.7	943	2.4	7.9
12.7	1008	3.4	9.3
14.6	1094	4.4	11.0
17.0	1249	5.6	13.1
18.9	1336	5.6	13.1
20.9	1400	5.6	13.1
23.3	1573	6.6	15.0
25.2	1637	6.6	15.0
27.2	1724	7.6	16.9

3 bays, length 9150 mm (table 3)

Span [m]	Weight [kg]	X [m]	Sling length S [m]
8.3	1065	2.4	10.4
10.7	1289	2.4	10.4
12.7	1376	3.4	11.5
14.6	1495	4.4	12.9
17.0	1712	5.6	14.8
18.9	1833	5.6	14.8
20.9	1919	5.6	14.8

4 bays, length 12200 mm (table 4)

Span [m]	Weight [kg]	X [m]	Sling length S [m]
8.3	1342	2.4	13.2
10.7	1630	2.4	13.2
12.7	1740	3.4	14.1
14.6	1893	4.4	15.2
17.0	2168	5.6	16.8

The weights given include the lacing and bracing and the sheeting.

TKS Weather Protection: to check before lifting weather protection structures



- Diagonal bracing is complete and correctly installed
- Slings have been done correctly
- Current safety regulations for lifting with a fixed or mobile crane are followed
- Maximum wind speed is approximately 5 m/s if sheeting has been installed

