

Modular Spreader Beams | 6 - 24 Tonnes | Mod 24

Table 2: Load V. Span

Span (m)	Included Sling Angle (ISA) θ						Recommended Configuration EU - End Unit (0.5m)						Beam Weight (kg)	
	90°		60°		40°									
	SWL (t)	Min. top sling length (m)	SWL (t)	Min. top sling length (m)	SWL (t)	Min. top sling length (m)								
1.0	24	0.6	24	0.9	24	1.3	EU	EU	—			70		
1.5	24	0.9	24	1.4	24	2.1	EU	0.5	EU	—			86	
2.0	24	1.3	24	1.9	24	2.8	EU	1	EU	—			94	
2.5	24	1.7	24	2.4	24	3.5	EU	1	0.5	EU	—		110	
3.0	24	2.0	24	2.9	24	4.3	EU	2	EU	—			111	
3.5	24	2.4	24	3.4	24	5.0	EU	2	0.5	EU	—		127	
4.0	23	2.7	24	3.9	24	5.7	EU	2	1	EU	—		135	
4.5	19	3.1	24	4.4	24	6.5	EU	0.5	2	1	EU	—	151	
5.0	16	3.4	24	4.9	24	7.2	EU	2	2	EU	—		152	
5.5	13	3.8	23	5.4	24	7.9	EU	2	2	0.5	EU	—	168	
6.0	11	4.1	19	5.9	24	8.7	EU	2	2	1	EU	—	176	
6.5	9	4.5	16	6.4	24	9.4	EU	2	2	1	0.5	EU	—	192
7.0	8	4.8	14	6.9	22	10.1	EU	2	2	2	EU	—		193
7.5	6	5.2	12	7.4	19	10.8	EU	2	2	2	0.5	EU	—	209
8.0	6	5.5	11	7.9	16	11.6	EU	2	2	2	1	EU	—	217

Green shading reflects rental inventory.
•Beam weights calculated without top rigging.

NOTE:

Top Slings shall be properly load-rated based on the specified angle used. LGH top sling inventory is based on Hire Center location availability.

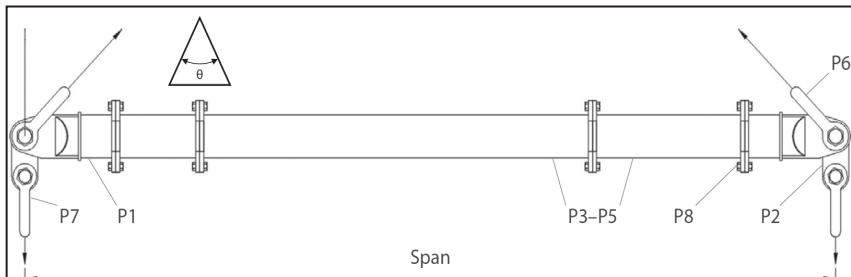
- Rated at 24t SWL at 5m span (60 degrees Included Sling Angle). See Load Table for SWL at spans greater than 5m.
- Included Sling Angle, θ , 90 degrees or less.
- End Units & Drop Links are rated at 12t (24t combined capacity).
- Bolt tightening torque: 150Nm.

Table 1: Component List

Part Ref:	Description	Item Weight (kg)
P1	End Unit (0.5m)	17
P2	Drop Link	5
P3	2.0m Strut	41
P4	1.0m Strut	24
P5	0.5m Strut	16
P6	17t Shackle	8
P7	12t Shackle	5
P8	M20x50 Grade 8.8 HT Bolts, Nuts & Washers	

Green shading reflects rental inventory.
•Beam weights calculated without top rigging.

Typical Spreader Assembly



- Max number of struts allowed in spreader assembly: 5
- Assemble longer struts in the center of the spreader configuration
- Sling angle is crucial to safe use of spreader