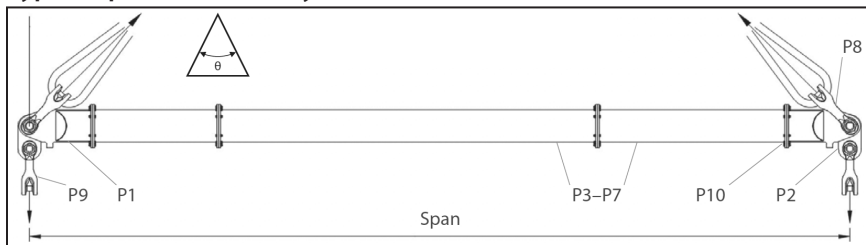


Modular Spreader Beams | 59 - 250 Tonnes | Mod 250

Table 2: Load V. Span																
Span (m)	Included Sling Angle (ISA) θ						Recommended Configuration						Beam Weight (kg)			
	90°		60°		40°		EU - End Unit (0.5m)									
	SWL (t)	Min. top sling length (m)	SWL (t)	Min. top sling length (m)	SWL (t)	Min. top sling length (m)	To calculate the SWL at intermediate spans utilising the 0.5m strut, round up the span to the next longest span in Table 2, and use the stated SWL.									
2	250	0.9	250	1.5	250	2.4	EU	EU	—				1,504			
3	250	1.6	250	2.5	250	3.9	EU	1	EU	—			1,759			
4	250	2.3	250	3.5	250	5.4	EU	2	EU	—			1,879			
5	250	3.1	250	4.5	250	6.8	EU	3	EU	—			1,999			
6	250	3.8	250	5.5	250	8.3	EU	3	1	EU	—		2,254			
7	250	4.5	250	6.5	250	9.7	EU	3	2	EU	—		2,374			
8	250	5.2	250	7.5	250	11.2	EU	6	EU	—			2,364			
9	250	5.9	250	8.5	250	12.7	EU	6	1	EU	—		2,619			
10	250	6.6	250	9.5	250	14.1	EU	6	2	EU	—		2,739			
11	234	7.3	250	10.5	250	15.6	EU	6	3	EU	—		2,859			
12	204	8.0	250	11.5	250	17.1	EU	3	6	1	EU	—		3,114		
13	178	8.7	250	12.5	250	18.5	EU	3	6	2	EU	—		3,234		
14	158	9.4	250	13.5	250	20.0	EU	6	6	EU	—		3,224			
15	138	10.1	235	14.5	250	21.4	EU	6	6	1	EU	—		3,479		
16	120	10.8	211	15.5	250	22.9	EU	6	6	2	EU	—		3,599		
17	105	11.5	185	16.5	250	24.4	EU	6	6	3	EU	—		3,719		
18	91	12.2	160	17.5	250	25.8	EU	1	6	6	3	EU	—		3,974	
19	80	13.0	141	18.5	226	27.3	EU	2	6	6	3	EU	—		4,094	
20	69	13.7	122	19.5	196	28.8	EU	2	6	6	3	1	EU	—		4,349
21	59	14.4	106	20.5	171	30.2	EU	2	6	6	3	2	EU	—		4,469

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

Typical Spreader Assembly



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 250t SWL at 14m span (60 degrees Increased Sling Angle). See Load Table for SWL at spans greater than 14m.
- Increased Sling Angle, θ , 90 degrees or less.
- End Units & Drop Links are rated at 125t (250t combined capacity).
- Bolt tightening torque: 250Nm. Spanner size required: 36mm.

Table 1: Component List		
Part Ref:	Description	Item Weight (kg)
P1	End Unit WLL 125t (1m)	365
P2	Drop Link WLL 125t	90
P3	6.0m Strut	860
P4	3.0m Strut	495
P5	2.0m Strut	375
P6	1.0m Strut	255
P7	0.5m Strut	192
P8	200t Wide Body Shackle	205
P9	125t Wide Body Shackle	92
P10	M24x80 Grade 8.8 HT Bolts, Nuts & Washers	

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

- 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
- Recommended additional equipment: Torque Wrench, Podger Spanner and Ring Spanner.