

Modular Spreader Beams | 190 - 1200 Ton | Mod 1000/1200

Table 2: Load V. Span

Span (ft)	Base to Sling Angle (BSA) α				Recommended Configuration EU – End Unit (5 ft.)					Beam Weight (lbs)	
	60°		70°								
	WLL metric tons (tonnes)	Min. top sling length (ft in)	WLL metric tons (tonnes)	Min. top sling length (ft in)							
10	1051	7'5"	1200	12'1"	EU	EU	—			20008	
15	1051	12'5"	1200	19'5"	EU	5	EU	—			22080
20	1051	17'5"	1200	26'8"	EU	10	EU	—			22973
25	1051	22'5"	1200	33'12"	EU	10	5	EU	—		25045
30	1051	27'5"	1200	41'4"	EU	20	EU	—			26566
35	1051	32'5"	1200	48'7"	EU	20	5	EU	—		26840
40	1050	37'5"	1200	55'11"	EU	20	10	EU	—		27733
45	990	42'5"	1200	63'3"	EU	30	5	EU	—		28638
50	908	47'5"	1200	70'7"	EU	10	30	EU	—		29531
55	805	52'5"	1200	77'10"	EU	10	30	5	EU	—	31603
60	732	57'5"	1166	85'2"	EU	20	30	EU	—		31326
65	637	62'5"	1017	92'6"	EU	20	30	5	EU	—	33398
70	555	67'5"	886	99'9"	EU	20	30	10	EU	—	34291
75	478	72'5"	765	107'1"	EU	30	30	5	EU	—	35196
80	409	77'5"	654	114'5"	EU	30	30	10	EU	—	36089
85	338	82'5"	543	121'9"	EU	30	30	10	5	EU	38061
90	290	87'5"	468	128'12"	EU	20	30	30	EU	—	37884
95	235	92'5"	380	136'4"	EU	20	30	30	5	EU	39956
100	190	97'5"	309	143'8"	EU	20	30	30	10	EU	40849

Green shading reflects rental inventory.

**Beam weights calculated without top rigging and may vary depending on strut configuration.*

**Spans available in 1 foot increments*



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

- Rated at 1200t WLL at 65 ft. span. (70 degrees Base Slinge Angle).
- End Units & Drop Links are rated at 600t (1200t combined lift).
- Base sling angle, α , 45 degrees or greater.

Table 1: Component List

Part Ref:	Description	Weight/Item (lbs)
P1	End Unit (600 metric tons)	3432
P2	Drop Link (600 metric tons)	1699
P3	30 ft. Strut	6558
P4	20 ft. Strut	4760
P5	10 ft. Strut	2965
P6	5 ft. Strut	2072
P7	700t Wide Body Shackle or 700t Bow Shackle	2756 / 2161
P8	600t Wide Body Shackle or 600t Bow Shackle	2117 / 1940
P9	85t Shackle	137
P10	M24 x 90 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 use of spreader. Do not rig the lower slings more than 6 degrees from vertical.
- Bolt tightening torque: 184 Pound-Foot. Spanner size required: 36mm.
- Recommended additional equipment: Torque Wrench, Podger Spanner and Ring Spanner.

Typical Spreader Assembly

