

Modular Spreader Frames | 12 - 60 Ton | CMOD 50 | Corner Unit

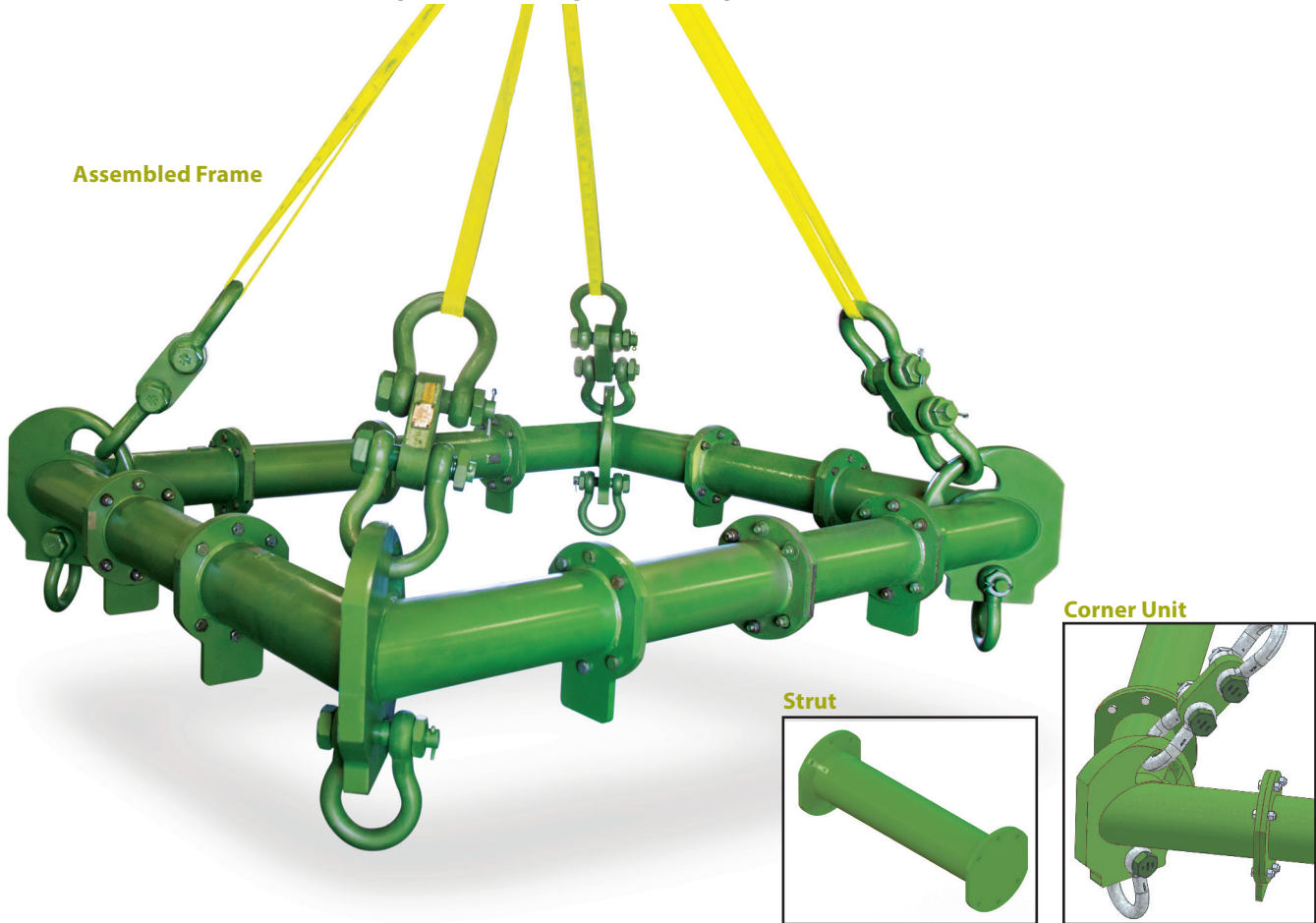
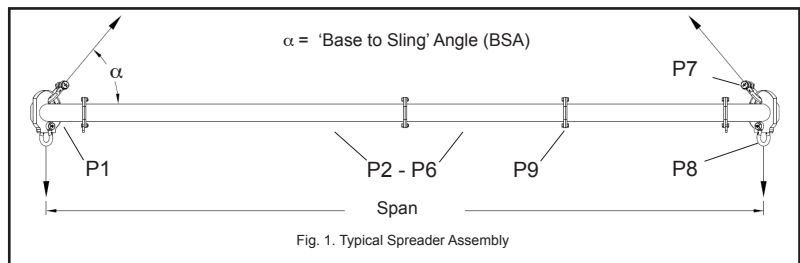


Table 1: Component List		
Part	Description	Weight
P1	Corner Unit	345 Lbs.
P2	12 Ft. Strut	285 Lbs.
P3	6 Ft. Strut	168 Lbs.
P4	3 Ft. Strut	109 Lbs.
P5	2 Ft. Strut	90 Lbs.
P6	1 Ft. Strut	70 Lbs.
P7	35T Shackle	44 Lbs.
P8	25T Shackle	31 Lbs.
P9	Bolts, Nuts And Washers	
P10	50T Drop Link	24 Lbs.



CMOD 50 - FRAME SPECIFICATION

Rated at a maximum of 60 tons WLL please see table 2 for WLL's at specific spans

Base to Sling Angle, α , no less than 45 degrees

Corner Units are rated at 15 tons each (60t combined capacity)

Bolt tightening torque: 110 lb•ft. Spanner size required: 1.18 inches

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

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

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Load charts only to be used in conjunction with CMOD 50 User Instructions

First pick the span required for your frame (e.g. 10' x 28') and the Sling Angle (we recommend 60° BSA where possible), then check the WLL via the appropriate table. Read the table by locating the lower span on the y axis of the chart and the larger on the x. The cell which you are referred to will indicate the WLL for your chosen span. If your exact span is not noted in the table, then please round up or down to the values that will give you the lowest WLL (to ensure no overloads are applied). Please contact Lifting Gear Hire for confirmation on your WLL if required. WLL given in tons.

CMOD 50: WWL / tonnes @ 60° BSA													
36													32
34											38	31	
31									45	36	30		
28							54	44	34	29			
25					54	53	42	33	27				
22			60	53	51	40	32	26					
19		60	60	51	47	38	30	25					
16		60	60	56	47	45	36	29	25				
13		60	60	60	60	52	45	43	34	28	24		
10		60	60	60	60	50	45	42	34	27	23		
7	60	60	60	60	60	50	45	41	33	26	23		
4	60	60	60	60	60	50	45	41	31	26	22		
Span (ft)	4	7	10	13	16	19	22	25	28	31	34	36	

CMOD 50: WWL / tonnes @ 45° BSA													
36													18
34											22	18	
31									25	21	17		
28							31	24	19	16			
25					31	30	23	18	15				
22			31	30	29	22	18	14					
19		40	31	29	27	22	17	14					
16		40	40	29	27	25	21	16	13				
13		50	40	36	27	25	24	19	15	13			
10		50	50	40	36	25	25	23	19	15	12		
7	50	50	50	50	40	36	25	25	22	18	14	12	
4	50	50	50	50	40	36	25	25	22	18	14	12	
Span (ft)	4	7	10	13	16	19	22	25	28	31	34	36	

Assembled Frame:

