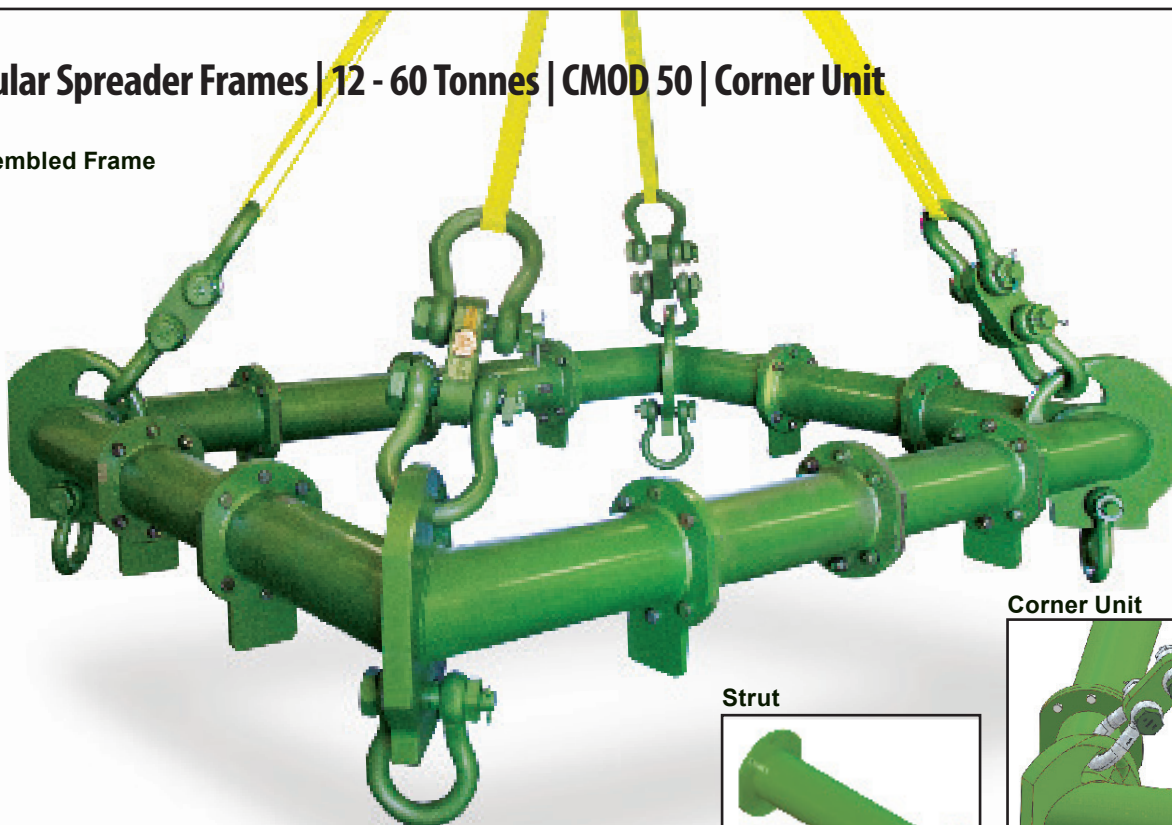
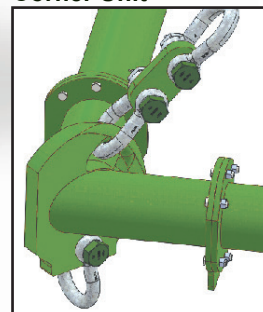


Modular Spreader Frames | 12 - 60 Tonnes | CMOD 50 | Corner Unit

Assembled Frame



Corner Unit

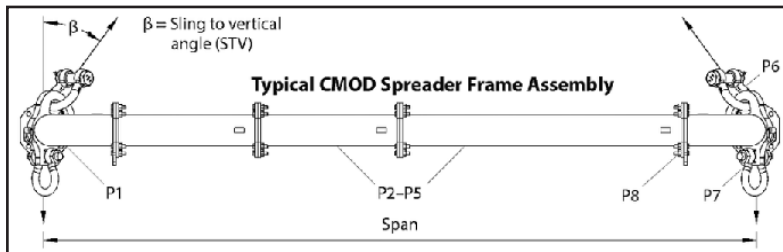


Strut



Table 1: Component List

Part	Description	Weight (kg)
P1	Corner Unit (0.5m)	90
P2	4.0m Strut	140
P3	2.0m Strut	82
P4	1.0m Strut	53
P5	0.5m Strut	38
P6	35t Shackle	20
P7	25t Shackle	14
P8	M20 X 65, Grade 8.8, HT Bolts, Nuts And Washers	



CMOD 50 - FRAME SPECIFICATION

Rated at a maximum of 60 tons WLL please see tables on the following page for WLL's at specific spans.

Sling to Vertical Angle, β , 45 degrees or less.

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

Bolt tightening torque: 150Nm. Spanner size required: 30mm.

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

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

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

First pick the span required for your frame (e.g. 2m x 5m) and the Sling Angle (we recommend 30° STV 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 LGH for confirmation on your WLL if required. WLL given in tonnes.

CMOD 50: WWL / tonnes @ \ 30° STV											
11											32
10										41	31
9								50	39	29	
8							50	48	37	28	
7					60	50	45	35	27		
6				60	60	50	43	33	26		
5			60	60	60	50	40	32	25		
4			60	60	60	50	49	38	31	24	
3		60	60	60	60	50	47	37	30	23	
2	60	60	60	60	60	50	45	36	29	23	
1	60	60	60	60	60	50	44	35	28	22	
Span (m)	1	2	3	4	5	6	7	8	9	10	11

CMOD 50: WWL / tonnes @ \ 45° STV											
11											18
10										23	17
9									28	21	16
8								28	27	20	15
7							34	28	25	19	14
6					40	34	28	24	18	14	
5				40	40	34	28	23	17	13	
4			50	40	40	28	28	21	17	13	
3		50	50	40	40	28	26	21	16	12	
2	50	50	50	40	34	28	25	20	16	12	
1	50	50	50	50	40	34	28	25	20	15	12
Span (m)	1	2	3	4	5	6	7	8	9	10	11

Assembled Frame:

