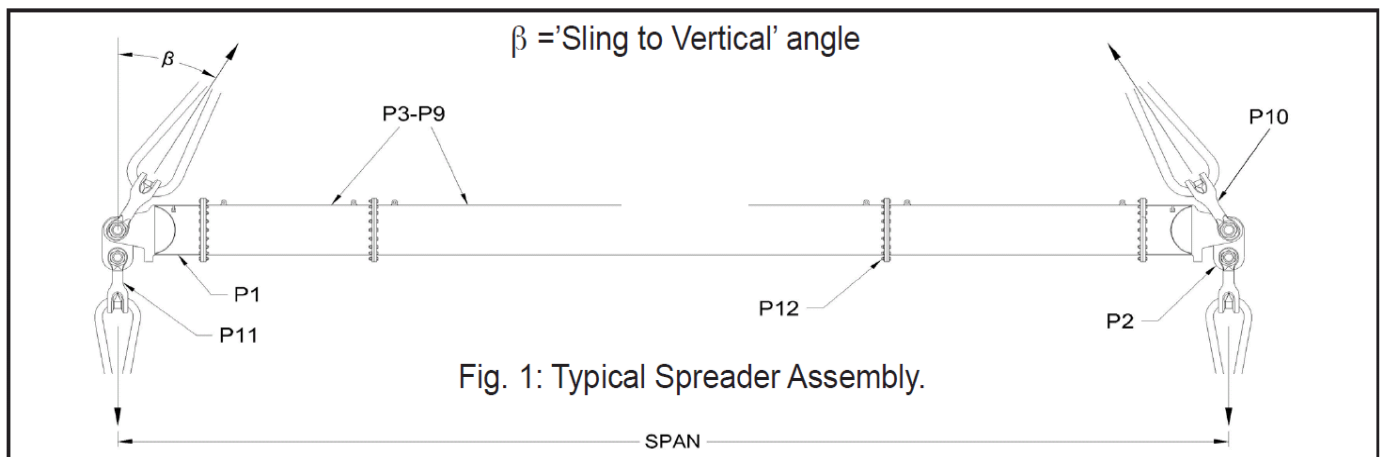


MODULIFT 1000Tonne SPREADER BEAM

USER INSTRUCTIONS MOD 800J/1000

Modulift®
working between the hook and the load

The Modulift Spreader is modular in length. Every spreader consists of 1 pair of End Units & Drop Links, with intermediate struts that can be bolted into the assembly to achieve different spans. The MOD 800J/1000 has an assembled span ranging from 2 metres to 28m in 0.5m increments.



MOD 800J/1000 - Beam specification.

- Rated at 1000 tonnes SWL at 20 metres span (30° STV). See load Table for SWL at longer spans.
- 'Sling to Vertical' angle, β , 30 degrees or less.
- End Units & Drop Links are rated at 500 tonnes WLL each (1000 tonnes combined capacity).
- **Bolt tightening torque: 250Nm.** Spanner size required: 36mm.
- Recommended additional equipment: Torque Wrench, Podger Spanner and Ring Spanner.



WARNING!

- Personnel using this system should be suitably trained, competent and have a clear understanding of Safe Slings procedures.
- The use of Modulift equipment must be in accordance with the procedures laid down in the "lifting Operations and Lifting Equipment Regulations 1998" (LOLER).
- NEVER EXCEED STATED SWL - ADHERE TO SWL IN TABLE 2, FOR PARTICULAR SLING ANGLE USED
- THE TOP SLING LENGTH IS CRITICAL TO THE SAFE USE OF THE SPREADER - ADHERE TO TABLE 2.
- Ensure Drop Links hang down, and smaller shackles are connected to bottom hole of Drop Link.
- Do not under any circumstances hang load(s) from the tube or flanges - the spreader is designed for axial compression - not bending.

MODULIFT 1000Tonne SPREADER BEAM

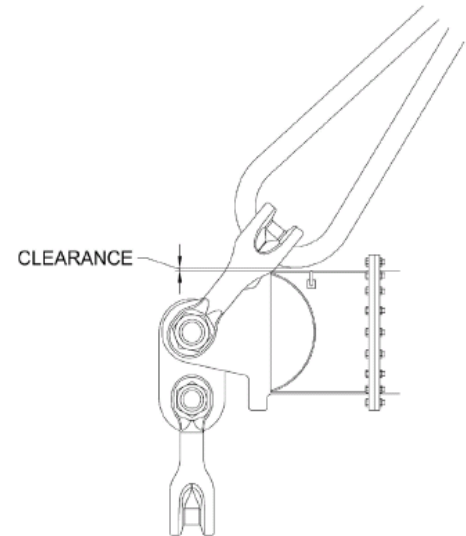
TABLE 2: Load v Span.

Recommended Configuration. EU - End Unit (1m) STV = 'SLING to VERTICAL' ANGLE, β								30° STV		
								Span /m	SWL /t	Min Top Sling Length/m
EU	EU							2	1000	1.5
EU	1	EU						3	1000	2.5
EU	2	EU						4	1000	3.5
EU	3	EU						5	1000	4.5
EU	3	1	EU					6	1000	5.5
EU	3	2	EU					7	1000	6.5
EU	6	EU						8	1000	7.5
EU	6	1	EU					9	1000	8.5
EU	6	2	EU					10	1000	9.5
EU	6	3	EU					11	1000	10.5
EU	3	6	1	EU				12	1000	11.5
EU	3	6	2	EU				13	1000	12.5
EU	6	6	EU					14	1000	13.5
EU	6	6	1	EU				15	1000	14.5
EU	6	6	2	EU				16	1000	15.5
EU	6	6	3	EU				17	1000	16.5
EU	1	6	6	3	EU			18	1000	17.5
EU	2	6	6	3	EU			19	1000	18.5
EU	6	6	6	EU				20	1000	19.5
EU	6	6	6	1	EU			21	944	20.5
EU	6	6	6	2	EU			22	871	21.5
EU	6	6	6	3	EU			23	802	22.5
EU	1	6	6	6	3	EU		24	734	23.5
EU	2	6	6	6	3	EU		25	673	24.5
EU	1	2	6	6	6	3	EU	26	612	25.5
EU	1	3	6	6	6	3	EU	27	556	26.5
EU	2	3	6	6	6	3	EU	28	505	27.5

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.



The rigger must ensure that there is a clearance between the sling end fitting and the end unit as shown.



- Max number of struts allowed in spreader assembly: 6
- Assemble longer struts in the centre of the spreader configuration
- Sling angle is crucial to safe use of spreader

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