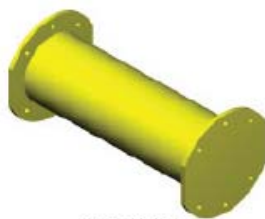
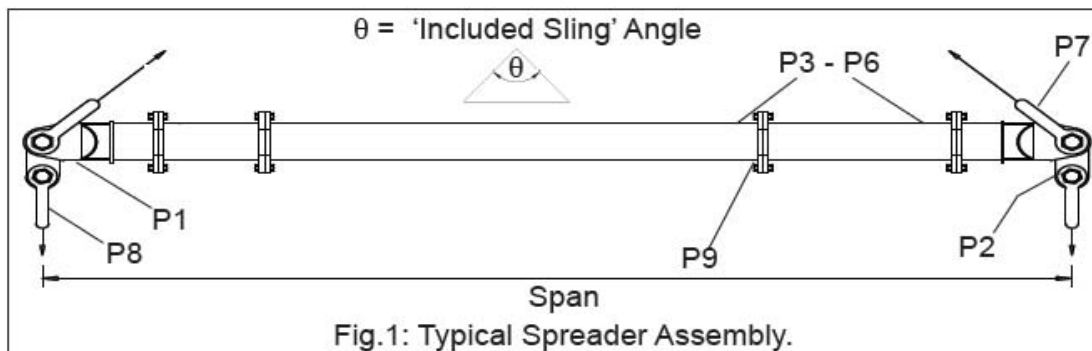


USER INSTRUCTIONS - MODULIFT 400/600

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 assembled to achieve different spans. The Modulift 400/600 has an assembled span ranging from 2 metres to 23 metres in 1 metre increments.



STRUT



DROP LINK

TABLE 1: COMPONENT LIST		
PART REF:	DESCRIPTION	WEIGHT / ITEM
P1	END UNIT WLL 300t	560kg
P2	DROP LINK WLL 300t	200kg
P3	6.0m STRUT	1365kg
P4	3.0m STRUT	785kg
P5	2.0m STRUT	590kg
P6	1.0m STRUT	395kg
P7	400t WIDE BODY SHACKLE	620kg
P8	300t WIDE BODY SHACKLE	340kg
P9	M24x90 Grade 8.8 HT BOLTS, NUTS & WASHERS	



Modulift 400/600 - Beam Specification.

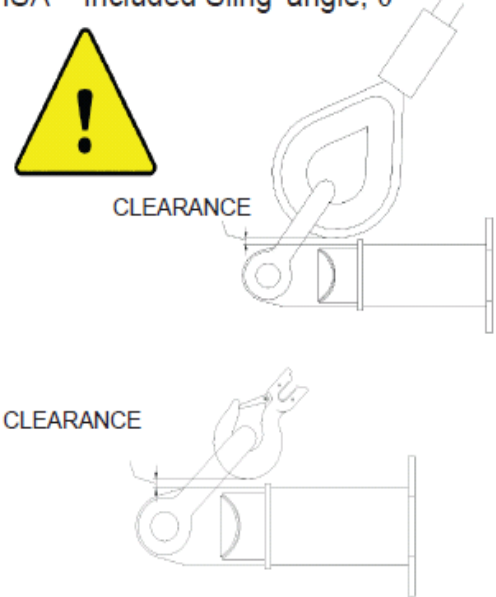
- Rated at 600 tonnes WLL at 12 metres span. See Load Table for WLL at longer spans.
- 'Included Sling' angle θ , 90 degrees or less.
- End Units & Drop Links are rated at 300 tonnes (600 tonnes combined capacity).
- Bolt tightening torque: 250Nm. Spanner size required: 36mm.



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 comply with procedures laid down in the Australian Standard: AS 4991 - 2004: Lifting Devices.
- NEVER EXCEED STATED WLL - ADHERE TO WLL IN TABLE 2, FOR PARTICULAR SLING ANGLE USED.
- THE 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.

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90° ISA			Recommended Configuration. EU - End Unit (1m)						60° ISA			ISA= 'Included Sling' angle, θ
Span / m	WLL / t	Min Sling Length/m	EU	EU					Span / m	WLL / t	Min Sling Length/m	
2	460	1.5	EU	EU					2	600	2.0	 <p>The operator must ensure that there is a clearance between the sling end fitting and the end unit as shown.</p> <ul style="list-style-type: none"> • Max number of struts allowed in spreader assembly: 5 • Assemble longer struts in the centre of the spreader configuration • Sling angle is crucial to safe use of spreader
3	456	2.5	EU	1	EU				3	600	3.0	
4	450	3.0	EU	2	EU				4	600	4.0	
5	442	3.5	EU	3	EU				5	600	5.0	
6	434	4.5	EU	3	1	EU			6	600	6.0	
7	424	5.0	EU	3	2	EU			7	600	7.0	
8	413	6.0	EU	6	EU				8	600	8.0	
9	400	6.5	EU	6	1	EU			9	600	9.0	
10	384	7.0	EU	6	2	EU			10	600	10.0	
11	365	8.0	EU	6	3	EU			11	600	11.0	
12	350	8.5	EU	3	6	1	EU		12	600	12.0	
13	327	9.5	EU	3	6	2	EU		13	566	13.0	
14	303	10.0	EU	6	6	EU			14	524	14.0	
15	278	11.0	EU	6	6	1	EU		15	481	15.0	
16	250	11.5	EU	6	6	2	EU		16	433	16.0	
17	227	12.0	EU	6	6	3	EU		17	393	17.0	
18	205	13.0	EU	1	6	6	3	EU	18	355	18.0	
19	183	13.5	EU	2	6	6	3	EU	19	317	19.0	
20	161	14.5	EU	6	6	6	EU		20	279	20.0	
21	145	15.0	EU	6	6	6	1	EU	21	251	21.0	
22	133	16.0	EU	6	6	6	2	EU	22	230	22.0	
23	116	16.5	EU	6	6	6	3	EU	23	200	23.0	

LIFTING & RIGGING EQUIPMENT FOR ALL LIFTING APPLICATIONS

- ✓ Hoisting Equipment
- ✓ Spreader Beams
- ✓ Winching Equipment
- ✓ Jacking Systems
- ✓ Lifting Equipment
- ✓ Weighing & Testing
- ✓ Lifting Slings
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