

Adjustable Lifting/Spreader Beam

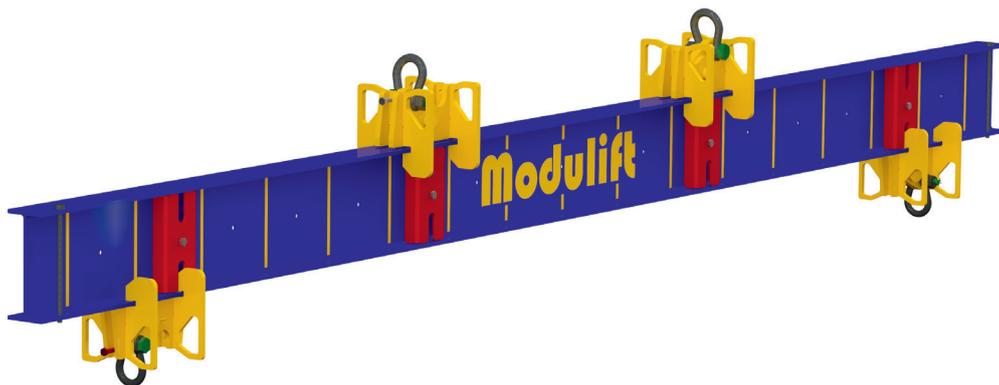
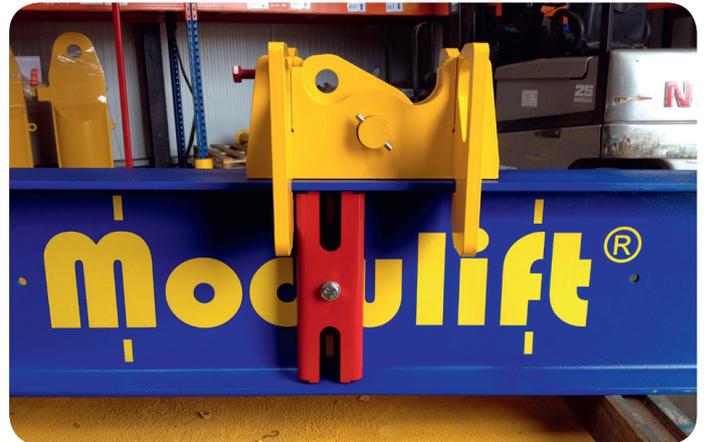
The Modulift adjustable Lifting Beam/ Spreader Beam utilising a clamp system provides a safe, fast, and adjustable beam, enabling users to lift from multiple points!

The adjustable lifting/spreader beam (or MOD CLS) is stocked as a boxed product for immediate shipping that eliminates delays incurred waiting for alternative solutions, which often have to be manufactured to order.

The MOD CLS is currently available in one size up to 8.5t capacity, depending on configuration, but offered with four clamps as standard to adjust the lifting points to enable flexibility between a single top lifting point (lifting beam) or double top lifting points (spreader beam).

The clamps are pre-assembled on the beam together with markers to show alignment and the centre of lift. Clamps on the upper/top side of the beam are of a larger rating and size than the two clamps fitted to the bottom/underside of the beam.

The MOD CLS can also be adapted to suit, with up to additional four clamps on the bottom side of the beam allowing users the flexibility of additional lifting points. If more points are needed, the flexible system can also be designed as H-Frame, providing infinite lifting points.



System Benefits

- Available next day as a boxed off-the-shelf product
- Adjustable lifting points and low headroom capability
- Easy to convert between a Lifting Beam and Spreader Beam
- Spans of up to 6m and capacities of up to 8.5t depending on configuration

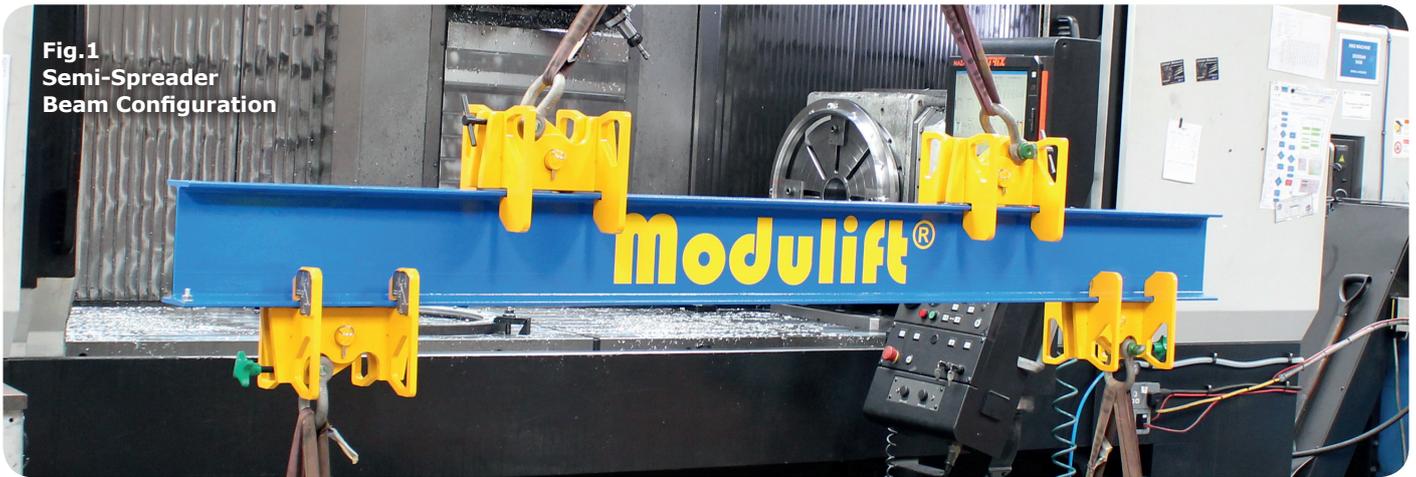


Fig. 1
Semi-Spreader
Beam Configuration



Fig. 2
Lifting Beam
Configuration

MOD CLS Specification

- The MOD CLS is rated at 8.5t WLL at 3m span (spreader arrangement). See Load Tables for WLL at other configurations.
- 'Sling to Vertical', β , up to 30 degrees maximum.
- The top Lifting Beam Clamp is rated at 6.5t WLL (vertical) and 4.4t WLL (0–30° STV).
- The bottom Lifting Beam Clamp is rated at 4.75t WLL (vertical).

WLL v Span Semi-Spreader configuration (2 top lugs, Fig. 1)

If your exact spans are not noted in the table, then please round the spans up or down to the values that will give you the lowest SWL.

WLL (t)		A – Top Clamp Span (m)						
		<0.5	1	2	3	4	5	6
B – Bottom Span (m)	<0.5	8.5	8	7	3.75	2.25	1.25	0.8
	1	8	8.5	8	5.25	2.75	1.5	1
	2	7.5	8	8.5	7.75	4	2.25	1.25
	3	4.25	6.25	8	8.5	6	3	2
	4	2.25	3	4.75	8	8	4.5	2.25
	5	1.25	1.75	2.25	3.75	7	7.5	3.5
	6	0.8	1	1.25	2	3	5.25	6.25

Lifting Beam configuration (1 top lug, Fig. 2)

B – Bottom Span (m)	≤ 2	≤ 3	≤ 4	≤ 5	≤ 6
WLL (t)	6.2	4.25	2.25	1.25	1

Contact Modulift if you need a specific WLL value for a specific span or arrangement not covered on the tables above.