

CLS - Clamp Lifting System

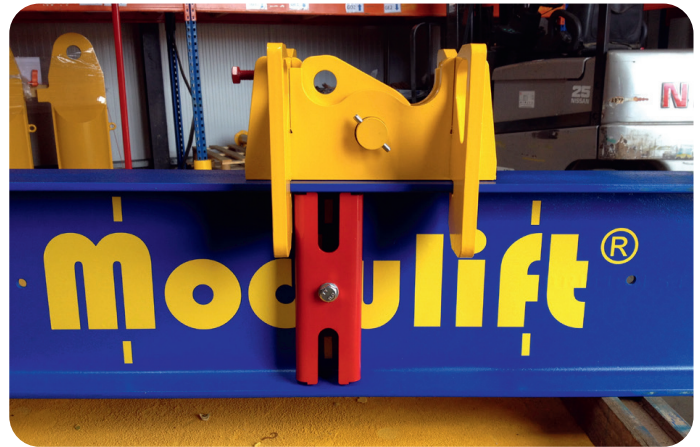
The Modulift CLS clamp lifting system provides a safe, fast, and adjustable beam, enabling users to lift from multiple points!

The MOD CLS clamps are stocked as a boxed product for immediate shipping that eliminates delays incurred waiting for alternative solutions, which often have to be manufactured to order.

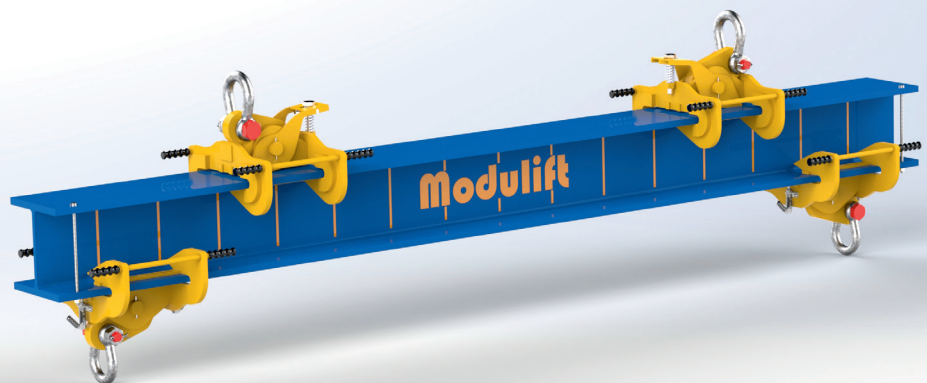
The MOD CLS is currently available in several sizes from 8.5t to 27t capacity, depending on configuration, and offered with four clamps as standard to adjust the lifting points to enable flexibility between a single top lifting point (lifting beam) or two top lifting points (semi spreader beam).

The pre-assembled clamps are supplied ready to fit on the beam. The beam is able to be pre-marked to assist with clamp placement for all configurations shown on our User Instructions.

Additional clamps can be purchased to enable multiple lower lifting points to be utilized.



Now available with a WLL of 27t



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 53ft and capacities of up to 27t depending on configuration

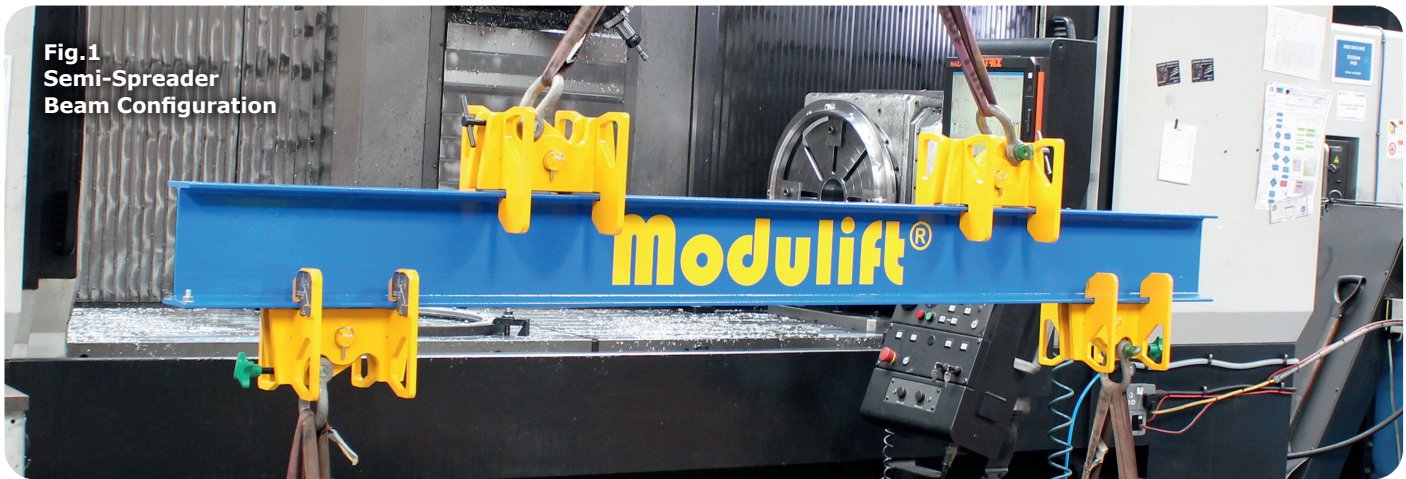


Fig.1
Semi-Spreader
Beam Configuration



Fig.2
Lifting Beam
Configuration

MOD CLS 8.5t beam - specification example

- The MOD CLS is rated at 8.5t WLL at 10ft span (spreader arrangement). See Load Tables for WLL at other configurations.
- 'Base to Sling Angle', α , 60 degrees minimum.
- The top Lifting Beam Clamp is rated at 6.5 metric tons WLL (vertical) and 4.4 metric tons WLL (0–30° STV).
- The bottom Lifting Beam Clamp is rated at 4.75 metric tons 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 WLL.

WLL (t)		A – Top Clamp Span (ft)						
		<1½	3	6½	10	13	16	19½
B – Bottom Span (ft)	<1½	8.5	8	7	3.5	2	1.25	0.8
	3	8	8.5	8	4.5	2.5	1.5	0.9
	6½	7.5	8	8.5	7	3.25	1.75	1
	10	4.25	5.5	8	8.5	5.25	2.5	1.25
	13	2.25	3	4.5	8	8	4	1.75
	16	1.25	1.75	2.25	3.75	7	7.5	2.5
	19½	0.9	1	1.25	2	2.75	4.25	5.25

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

B – Bottom Span (ft)	≤ 6½	≤ 10	≤ 13	≤ 16	≤ 19½
WLL (in metric tons)	6.2	3.75	2.25	1.25	0.8

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