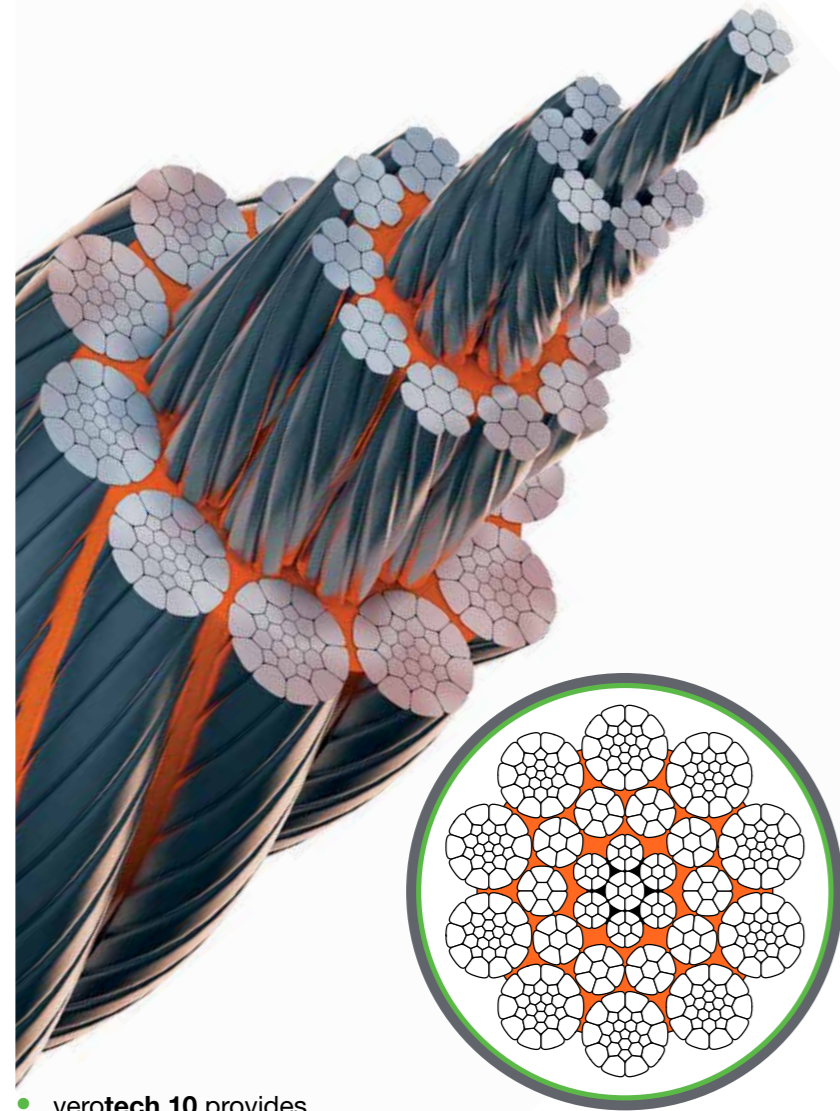


High Performance Hoisting Rope

Combines unmatched bending fatigue resistance with excellent breaking strength.

verotech 10 is a very flexible 10-strand, Non-rotation-resistant rope in parallel lay construction with compacted strands and a rope core covered with a plastic layer.



- verotech 10 provides excellent breaking strength.
- verotech 10 has a very stable rope structure and achieves unmatched bending fatigue resistance.
- verotech 10 offers excellent resistance to crushing and abrasion.
- verotech 10 possesses perfect spooling behavior on multilayer drum.
- verotech 10 may not be used with a swivel.

The rope is fully lubricated. The finish available as standard is galvanized, bright Finish on request.

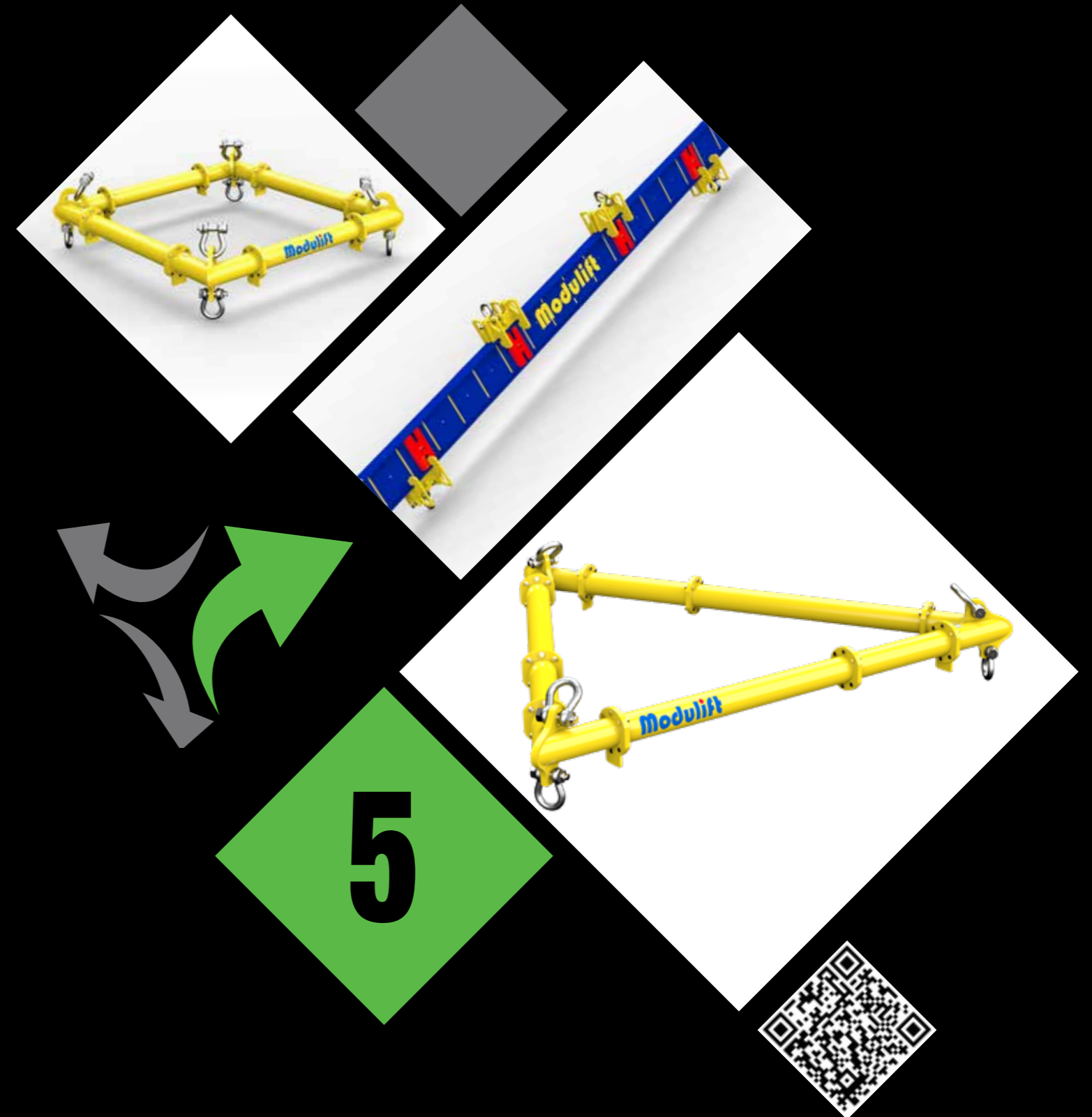
- Average Fill factor 0.732
- Lay type: Ordinary Lay Rope Category Number (RCN) to determine the number of visible broken outer wires, signaling discard of rope acc. ISO 4309: RCN =11

Nominal rope diameter	Approx mass	Minimum breaking force			
		Rope grade			
		1,960		2,160	
mm*	kg/m	kN	t	kN	t
6	0.178	34.9	3.6	38.0	3.9
7	0.242	47.5	4.8	51.7	5.3
8	0.316	62.0	6.3	67.6	6.9
9	0.400	78.5	8	85.5	8.7
10	0.494	96.9	9.9	105.6	10.8
11	0.598	117.3	12	127.7	13
12	0.712	139.5	14.2	152.0	15.5
12.7	0.797	156.3	15.9	170.2	17.3
13	0.836	163.8	16.7	178.4	18.2
14	0.969	189.9	19.4	206.9	21.1
15	1.112	218.0	22.2	237.5	24.2
16	1.266	248.1	25.3	270.2	27.5
17	1.429	280.1	28.5	305.1	31.1
18	1.602	314.0	32	342.0	34.8
19	1.785	349.8	35.6	381.0	38.8
20	1.978	387.6	39.5	422.2	43
21	2.180	427.4	43.6	465.5	47.4
22	2.393	469.0	47.8	510.9	52.1
22.4	2.481	486.2	49.5	529.6	54
23	2.616	512.6	52.2	558.4	56.9
24	2.848	558.2	56.9	608.0	62
25	3.090	605.7	61.7	659.7	67.2
25.4	2.190	625.2	63.7	681.0	69.4
26	3.342	655.1	66.8	713.5	72.7
27	3.604	706.5	72	769.5	78.4
28	3.876	759.8	77.4	827.5	84.3
28.6	4.044	792.7	80.8	863.4	88
29	4.158	815.0	83	887.7	90.5
30	4.450	872.2	88.9	950.0	96.8
31	4.751	931.3	94.9	1,014	103.3
32	5.063	992.3	101.1	1,081	110.2
33	5.384	1,055	107.5	1,149	117.1
34	5.716	1,120	114.1	1,220	124.3

*Standard tolerance: +2% to +4%, other tolerances possible upon agreement.

Other and special rope diameters are available upon request. Errors and omissions excepted! The cross-section shows a typical rope diameter and can vary within the range.

Subject to modifications, this may change the specifications.




Lifting Beams and Spreader Beams

Modulift® Working Between the Hook and the Load



Our Vision

To be renowned globally as specialist engineers operating in a niche market, concentrating on the provision of custom and complex lifting solutions and exceeding our customers expectations by providing an all round service on the delivery of value for money and quality products.

Our Mission

To globally deliver our expertise through innovative designs of quality products and customer satisfaction whilst ensuring a safe lifting environment.

Our Values

- **Leadership:** Driving the standard of lifting products higher
- **Passion:** Committed to delivering high quality products and ensuring safety comes first
- **Innovation:** Inspiring engineering genius
- **Quality:** We do what we do well

Modulift can offer you a complete lifting engineering service from start to finish. We are here to help you solve your lifting problems, advise on rig planning, design custom lifting equipment, or manufacture quality assured products to the highest specifications.



*MOD and CMOD are trademarks of Modulift UK Ltd

Standard Off-the-Shelf Range						Standard Made-to-Order Range
QJ2 Up to 2t at 1.2m/4ft	MOD 24 Up to 24t at 5m/17ftUp to 8m/26ft at a lower capacity	MOD 70 Up to 70t at 10.5m/34ftUp to 14m/45ft at a lower capacity	MOD 110H Up to 170t at 11.5m/37ftUp to 18m/59ft at a lower capacity	MOD 250/300 Up to 300t at 13m/40ftUp to 21m/68ft at a lower capacity	MOD 400/500 Up to 500t at 15m/50ftUp to 24m/78ft at a lower capacity	MOD 600/800 Up to 800t at 18m/60ftUp to 26m/85ft at a lower capacity
MOD 6 Up to 6t at 3.6m/148"Up to 4.5m/176" at a lower capacity	MOD 34 Up to 34t at 6m/19ftUp to 10m/32ft at a lower capacity	MOD 70H Up to 100t at 8.5m/28ftUp to 14m/45ft at a lower capacity	MOD 110SH Up to 240t at 10.5m/34ftUp to 17m/55ft at a lower capacity	MOD 250/400 Up to 400t at 11m/36ftUp to 21m/68ft at a lower capacity	MOD 400/600 Up to 600t at 14m/46ftUp to 24m/78ft at a lower capacity	MOD 600/1000 Up to 1000t at 15m/50ft and up to 26m/85ft at a lower capacity
MOD 12 Up to 12t at 4.75m/15ftUp to 6.5m/21ft at a lower capacity	MOD 50 Up to 50t at 8m/26ftUp to 13m/42ft at a lower capacity	MOD 110 Up to 110 t at 14m/46ftUp to 18m/59ft at a lower capacity	MOD 250/250 Up to 250t at 14m/46ftUp to 21m/68ft at a lower capacity	MOD 400/400 Up to 400t at 17m/58ftUp to 24m/78ft at a lower capacity	MOD 600/600 Up to 600t at 21m/70ftUp to 26m/85ft at a lower capacity	MOD 1100/2000 Up to 2000t at 26m/85ft and up to 36m/118ft at a lower capacity

Modulift® Modular Spreader Beams



Modular Spreader Beams provide the ideal solution for most lifting requirements – versatile and cost-effective, the Modulift range has capacity from 2t to 5000t with spans up to 330ft/100m. The modular configuration and interchangeable components enable Modulift Spreaders to be reused over many lifts. Designed by our engineering experts and manufactured in our own specialist facilities; the Modulift range are the leading Modular Spreader Beams on the market.

Spreader Beams up to 600t are in stock and available worldwide for distribution – please contact Modulift for an immediate quote or further details.

Every Modulift Modular Spreader Beam consists of a pair of End Units and a pair of Drop Links, with interchangeable struts that can be bolted into the assembly between the End Units to either lengthen or shorten the beam to suit the requirements of the lift, making them reusable at different spans.

Flexibility beyond the Spreader Beam

Using our range of interchangeable corner units and T-pieces, Modulift struts can be used throughout the product portfolio to achieve a variety of configurations including 3-point, 4-point, 6-point and 8-point frames.

End units also offer maximum flexibility with trunnion and Clevis drop link options enabling the user to have two slings hung from each end of the beam for a variety of benefits.



Tri-MOD



CMOD



CMOD with T-pieces



Clevis and Delta Drop Links

Modulift® Multi-point lifting frames

Spreader Frames and Lifting Frames are recommended for loads that have more than two lifting points; they can also be the ideal lifting equipment for when headroom is limited. Modulift offer several types of Spreader Frames and Lifting Frames for Multi-Point Lifts.

CMOD Spreader Frames

Our most economical option is the newly designed CMOD Modular Spreader Frame. Lighter and stronger with newly designed corner units giving a 40% weight saving, the CMOD is designed to expand the capabilities of our Modular Spreader Beam System. The struts from the Spreader Beam are combined with 4 Corner Units to complete the Frame. Customers that already have Modulift struts can re-use these with the Corner Units to achieve 4-Point lifts, making this a versatile solution. The CMOD Spreader Frame is currently available from the CMOD 6 up to the CMOD 250. The systems will lift up to 300t.

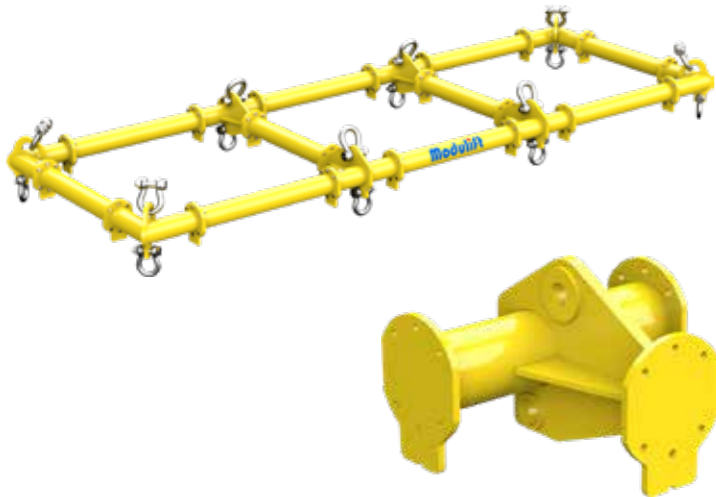


CMOD T-Pieces

Expanding on a very popular CMOD Spreader Frame, Modulift have designed and manufactured a T Piece to further develop the capabilities of the CMOD Spreader Frame. This additional connection allows the frame to become a 6 point or 8 point frame.

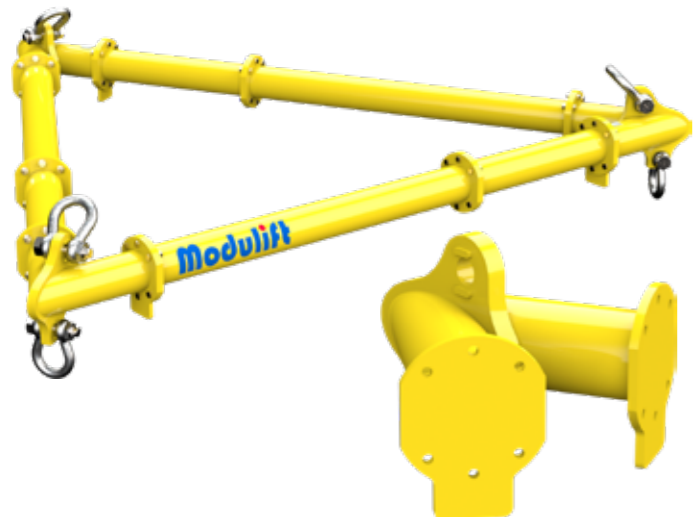
Benefits:

- With more lifting points, there is more support for multipoint lifts
- Reduces the rigging compared to a cascading spreader beam arrangement
- Lower head room compared to a cascading spreader beam arrangement



Tri-MOD

The Tri-MOD is a triangular frame once again utilizing the struts from the Modular Spreader Beam range. The Tri-MOD is popular for many 3-point lift requirements including circular lifts.



Modulift® The Multi-Point Beam

The Multi-Point Beam is the most adaptable in the Modulift range

The Multi-Point gives unrivalled Modulift strength and reliability with additional features to suit different lifting scenarios.

With lifting points on the top and bottom, the Multi-Point Beam is an innovative piece of kit that can be reused for multiple lifts.

The Multi-Point can be supplied with or without swivel hook, allowing for tandem lifts where there is only one lower lifting point required. It can be used as a semi-spreader to give a steadier lift, and as a Lifting Beam where headroom is limited.



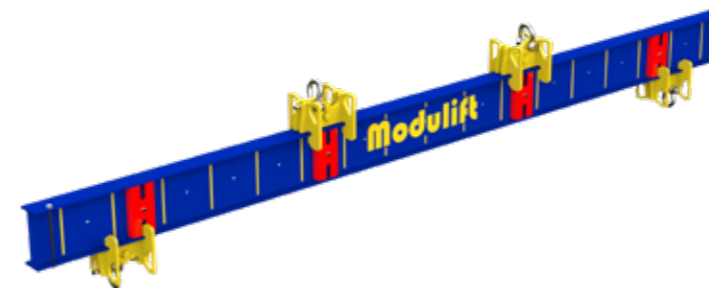
The Standard Multi-Point Beam



The Multi-Point Beam with Optional Swivel Hook

Modulift® CLS - Clamp Lifting System

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

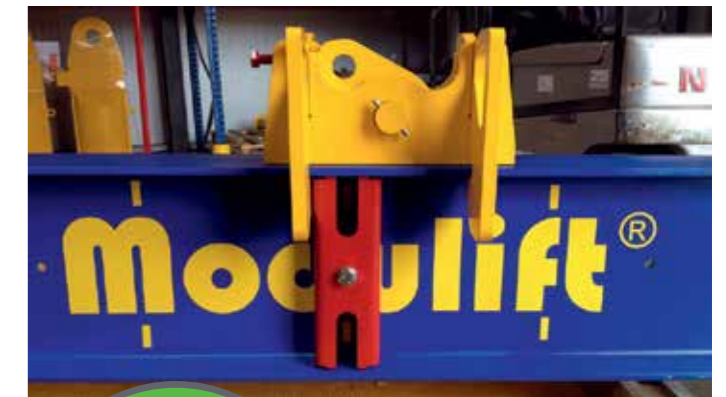


The MOD CLS clamps are stocked as a boxed product for immediate shipping that eliminates delays incurred waiting for alternative solutions, which often have to be manufactured to order.

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



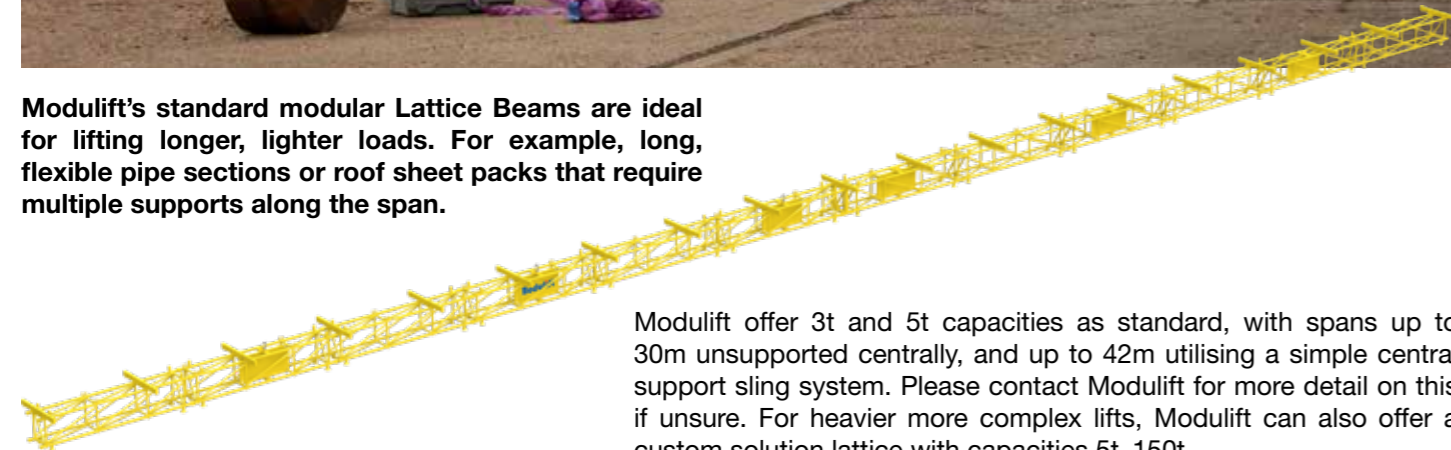
System Benefits

- 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 6m and capacities of up to 8.5t depending on configuration

Modulift® Lattice Spreader Beams



Modulift's standard modular Lattice Beams are ideal for lifting longer, lighter loads. For example, long, flexible pipe sections or roof sheet packs that require multiple supports along the span.



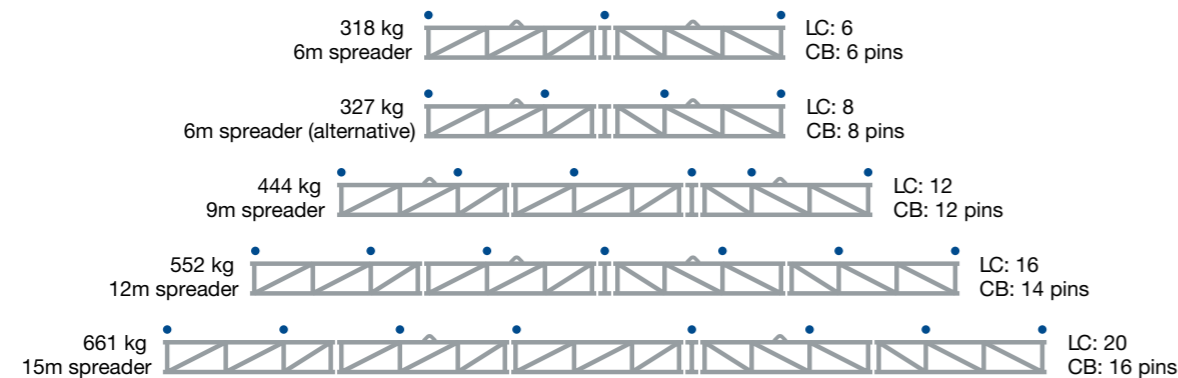
Modulift offer 3t and 5t capacities as standard, with spans up to 30m unsupported centrally, and up to 42m utilising a simple central support sling system. Please contact Modulift for more detail on this if unsure. For heavier more complex lifts, Modulift can also offer a custom solution lattice with capacities 5t-150t.

Lifting Points/Load Connection Points 6-15m Span

● = connection point for cross bar, and/or connection point for sling to weld eye.

LC= Lattice Connections

CB = Cross Beams



Spreader	Configuration (frame types)							No. of Crossbeams	
6m	2	3	2					3 or 4	
9m	2	1	3	2				6	
12m	1	2	3	2	1			7	
15m	1	2	1	3	2	1		8	
1=Type 1 Frame		Maximum 1.5m overhang of roofing sheet per end							
2=Type 2 Frame									
3=Type 3 Frame									

Modulift® Engineered Products Custom Design

Modulift can design and manufacture a Custom Lifting Solution, providing expert engineering, manufacturing excellence and quality assurance.

Because not every load fits into a standard mould, our engineering team are lifting industry experts who will work with you and your team, to custom design and build the ideal solution for your lifting requirements. With innovative thinking, we can develop the right equipment to meet your needs whether they be height, environment, weight, flexibility of use, speed of assembly, or transportation requirements to name but a few – Modulift can design a custom solution for you.

Modulift have been building and supplying lifting equipment with high level QA requirements across the Oil & Gas, Renewable Energy, Offshore, Maritime, OEM, Aerospace and Heavy Haulage industries worldwide. We have extensive experience in delivering equipment for these critical projects successfully, on time, and to meet the project's individual requirements -we can design and manufacture a Custom Lifting Solution within 4-6 weeks!

Our sample Case Studies describe Custom Projects where we have either designed and manufactured an entirely 'Custom' lifting solution; Or we have adapted our standard designs/products -tailoring and manufacturing them to meet the highest level of QA standards.



Our partner Modulift offer a complete Design & Manufacturing service that incorporates key deliverables such as:

- ITP / Quality Plan
- Full material traceability – 3.1 or 3.2
- Weld Book: WPQR, WPS, WQTC & Weld Mapping
- Procedures & Reports: NDT, Proof Load Testing, and painting

Our team of welder/fabricators are qualified to BS EN 287-1, with specification & qualification of weld procedures to BS EN ISO 15614-1. Welding can also be carried out in compliance with other international standards.

