

Lifting beams, spreader beams & frames



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Lifting beams
& frames for
heavy lifting

Good to know CERTEX & Modulift

CERTEX Danmark

- Part of Lifting Solutions Group - European market leaders & experts in industrial lifting
- 130 years of experience
- Your supplier of Complete Lifting Solutions
- Collaborates with leading European suppliers and manufacturers of lifting equipment
- Large mobile serviceteam - ready to move 24/7
- Certified supplier of lifting equipment
- Your consulting partner - from idea to finished product & solution

Modulift

- Leading global spreader beam designer & manufacturer
- Experts in high quality & innovative design
- Standard & custom made products
- Team of specialist engineers
- Economical products that can be used over and over again
- Conforming with all international standards
- Spreader beams up to 1500 T capacity are DNV Type Approved

Our cooperation = **your advantage!**



We perform
safe lifting

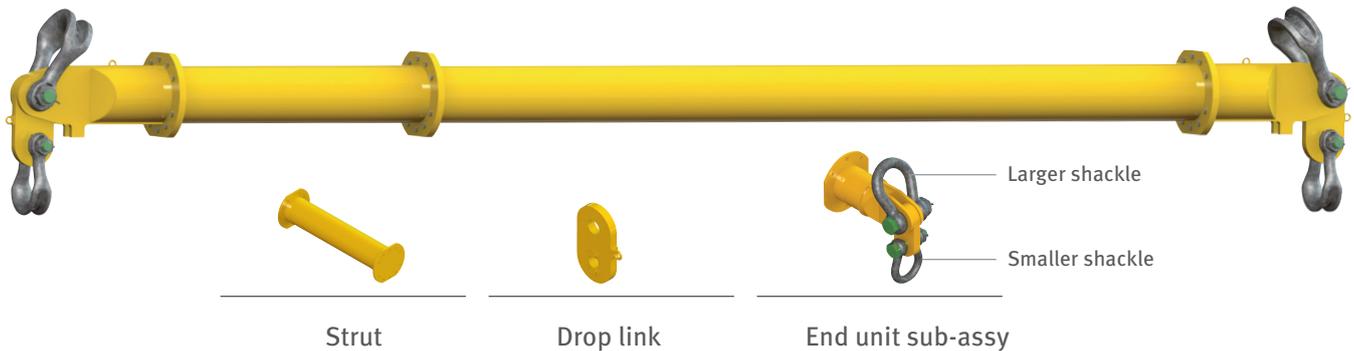


Modulift Modular Spreader Beams

Modular spreader beams provide the ideal solution for most lifting requirements – versatile and cost-effective, the Modulift range has capacity from 2 T to 5000 T with spans up to 100m/330’.

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.

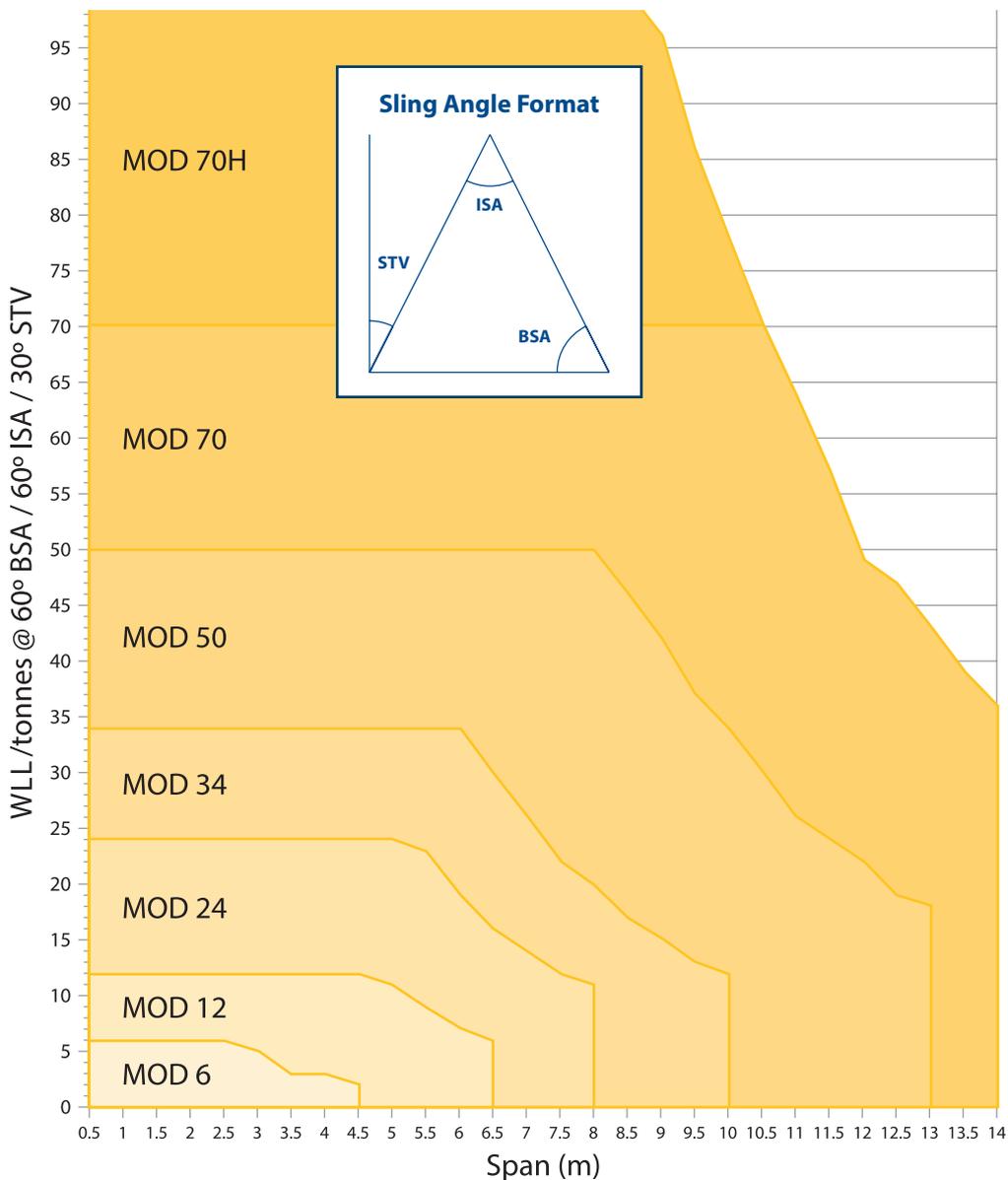
Spreader beams up to 600 T are in stock and available worldwide for distribution – please contact Modulift for an immediate quote or further details. Every Modulift modular spreader beam consists of a pair of end units and a pair of drop links, with interchangeable struts that can be bolted into the 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.



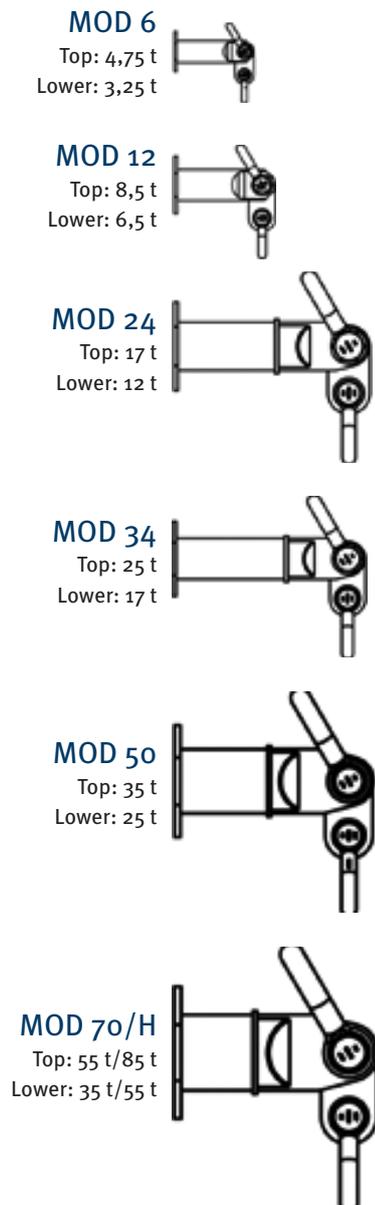
Standard off-the-shelf range		Heavy off-the-shelf range		
QJ2 Up to 2t at 1.2m/4ft	MOD 34 Up to 34t at 6m/19ft Up to 10m/32ft at a lower capacity	MOD 110 Up to 110 t at 14m/46ft Up to 18m/59ft at a lower capacity	MOD 250/300 Up to 300t at 13m/40ft Up to 21m/68ft at a lower capacity	MOD 400/600 Up to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

The Standard Range

Load v span chart - Modulift spreader beam standard range



What size shackle do I need?



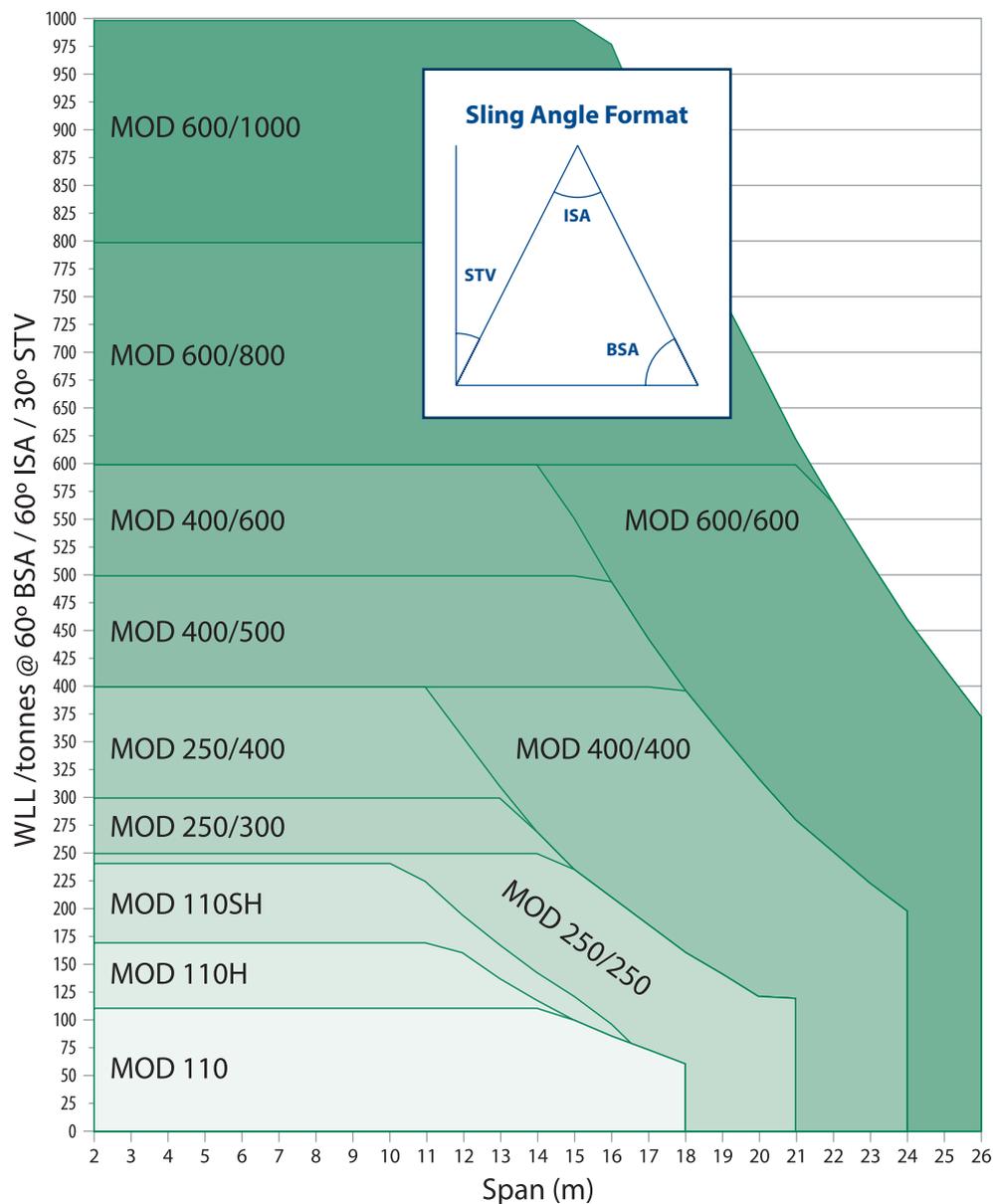
Components per set

* Please note: Custom length struts are available on request

Spreader system	Strut (m)													End unit	Drop link	
	0,1	0,2	0,25	0,3	0,5	0,6	0,75	1,0	1,5	2,0	3,0	4,0	6,0			
MOD 6	1	1		1		1		4							2	2
MOD 12			1	1	1		1	3							2	2
MOD 24					1		1		3						2	2
MOD 34					1		1		4						2	2
MOD 50					1		2		1		2				2	2
MOD 70/70H					1		1		2		2				2	2
MOD 110/110H					1		1		2		3				2	2
MOD 110SH					1		1		1		3				2	2
MOD 250-250 / 250-300 / 250-400					1		1		2	1			2		2	2
MOD 400-400 / 400-500 / 400-600					1		1		1	1			3		2	2
MOD 600-600 / 600-800 / 600-1000					1		1		1	1			3		2	2

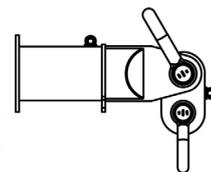
The Heavy Range

Load v span chart - Modulift spreader beam heavy range

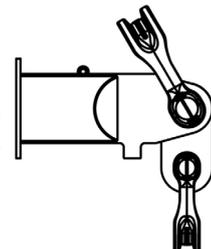


What size shackle do I need?

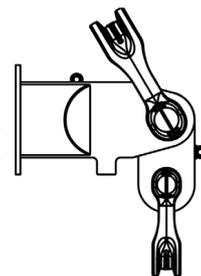
MOD 110 /H/SH
 Top: 85 t/120 t/150 t
 Lower: 55 t/85 t/120 t



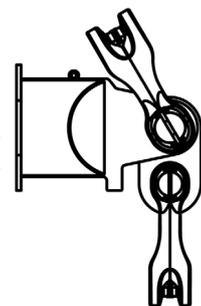
MOD 250
 Top: 200 t - 300 t
 Lower: 125 t - 200 t



MOD 400
 Top: 300 t - 400 t
 Lower: 200 t - 400 t



MOD 600+
 Top: 300 t - 600 t
 Lower: 200 t - 500 t



Weight per set (kgs)

* Weight based on heaviest spreader in series using configuration recommended in user instructions

Weight	MOD 6	MOD 12	MOD 24	MOD 34	MOD 50	MOD 70, 70H	MOD 110, 110H	MOD 110SH	MOD 250	MOD 400	MOD 600
Max. component weight	8,1	19	41	51	140	240	367	444	860	1365	2665
Min. component weight	0,6	1,3	5	7	11	17 / 32	44 / 55	63	90	135	135
Weight at max. span	32	75	178	290	532	972/1090	1970/2130	2628	4895	8260	17260

Modulift Load Monitoring Spreader Beam

CERTEX Danmark A/S is your supplier of the **WORLDS FIRST** load monitoring spreader beam - produced by Modulift, with an integrated loadcell (Active Link) giving you instant wireless data logging!

The innovative Active Link provides wireless real time data by measuring the load at either end of the spreader beam and is ideal for both weighing and dynamic load monitoring. Data is transmitted wirelessly to a USB transceiver that must be connected to a Windows computer or tablet with a spare USB port.

The Active Link, which replaces the standard drop link component, offers myriad time, cost and weight advantages. Existing valued customers can purchase the drop link separately and benefit from measurement technology that doesn't have to be sourced as an additional rigging tool. Another standout feature is that the height of rigging is significantly reduced, especially beneficial in low headroom applications.

The Active Link is available in a range of capacities up to 100 T based on standard Modulift beam sizes from MOD 12 to MOD 70H; the initial range will be AL 12, AL 24, AL 34, AL 50, AL 70 and AL 70H.

System benefits

- Reduces your rigging and the weight
- Simplified integrated load equalisation capability
- No more overloading shackles and slings
- Compatible with existing spreader beams
- Saving you time and money on rigging



Global specification: Active Link

Part number	AL12	AL24	AL34	AL50	AL70	AL70H
Capacity	6 t	12 t	17 t	25 t	35 t	50 t
Resolution	0,001 t	0,002 t	0,005 t	0,005 t	0,005 t	0,01 t
Weight	3 kg	6,1 kg	8,3 kg	10 kg	14,4 kg	29 kg
Safety factor	500 %					
Battery type	4 x AA					
Battery life	1200 hours continuous					
Operating temp.	-10 til +50°C					
Accuracy	+/- 0,3 % of applied load					
Frequency	2,4 GHz					
Range	700 m					
Data rate	3Hz up to 200Hz can be ordered for dynamic load monitoring applications					
Protection	IP67					



Modulift CMOD Spreader Frames

The CMOD spreader frame works with existing struts from the spreader beam range!

Spreader 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.

The most economical option is the CMOD modular spreader frame which 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.

System specifications

The CMOD comes in the following sizes: CMOD 6, CMOD 12, CMOD 24, CMOD 34, CMOD 50, CMOD 70, CMOD 110 and CMOD 250. It spans from 0.5m/1'6" x 0.5m/1'6" to 20m/66' x 20m/66', whilst adapting to all rectangular shapes in between. The systems will lift up to 300 T*

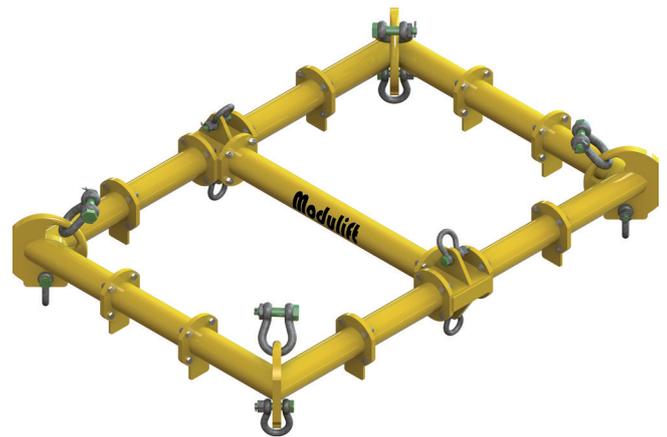
* The system's WLL will de-rate as the shape of the frame becomes 'more rectangular'. Higher capacities and longer spans in development.

CMOD T-pieces

Elaborating on this popular concept Modulift has now developed a T-piece to work in conjunction with the CMOD. This allows the frame to become a 6-point lift, (8-point, 10-point and so forth on request) adding yet another dimension to your Modulift equipment. Spans of up to 40 m x 16 m and capacities of up to 200 T are available as standard.

System benefits

- More cost effective and easier to transport than a fixed system
- Easy to set up, handle and manoeuvre
- Re-configure the frame to any size to allow for multiple uses



CMOD Load Charts

Load vs span charts – CMOD 6 to CMOD 24

CMOD 6: WLL / tonnes @ 60° ISA / 30° STV / 60° BSA

2,5					8
2				8	8
1,5			8	8	8
1		8	8	8	6
0,5	8	8	8	6	6
Spænd (m)	0,5	1	1,5	2	2,5

CMOD 6: WLL / tonnes @ 90° ISA / 45° STV / 45° BSA

2,5				6
2			6	6
1,5		6	6	6
1		6	6	4
0,5	6	6	6	4
Spænd (m)	0,5	1	1,5	2

CMOD 12: WLL / tonnes @ 60° ISA / 30° STV / 60° BSA

4							16
3,5						16	16
3					16	16	15
2,5				16	16	15	14
2			16	16	16	14	13
1,5		16	16	16	16	14	12
1		16	16	16	16	14	12
0,5	16	16	16	16	16	14	12
Spænd (m)	0,5	1	1,5	2	2,5	3	3,5

CMOD 12: WLL / tonnes @ 90° ISA / 45° STV / 45° BSA

4						9
3,5					9	9
3				9	9	8
2,5			9	9	8	8
2		9	9	9	8	7
1,5		9	9	9	8	6
1		9	9	9	8	6
0,5	9	9	9	9	8	6
Spænd (m)	0,5	1	1,5	2	2,5	3

CMOD 24: WLL / tonnes @ 60° ISA / 30° STV / 60° BSA

6						23
5					30	21
4				30	24	19
3			30	30	24	18
2		30	30	30	24	17
1	30	30	30	24	22	16
Spænd (m)	1	2	3	4	5	6

CMOD 24: WLL / tonnes @ 90° ISA / 45° STV / 45° BSA

6						13
5					17	12
4				19	13	10
3			19	19	13	10
2		19	19	17	13	9
1	19	19	19	13	12	9
Spænd (m)	1	2	3	4	5	6

Load vs span charts – CMOD 34 to CMOD 70*

*CMOD 110 and CMOD 250 graphs available on request

CMOD 34: WLL / tonnes @ 60° ISA / 30° STV / 60° BSA

8								24
7							32	23
6						40	31	22
5					40	40	28	20
4				40	40	34	26	19
3			40	40	40	34	24	18
2		40	40	40	40	32	23	17
1	40	40	40	40	34	30	22	16
Spænd (m)	1	2	3	4	5	6	7	8

CMOD 34: WLL / tonnes @ 90° ISA / 45° STV / 45° BSA

8								13
7							18	13
6						22	17	12
5					27	22	16	11
4				27	27	19	15	10
3			27	27	25	19	13	10
2		27	27	27	22	18	13	9
1	27	27	27	27	19	17	12	9
Spænd (m)	1	2	3	4	5	6	7	8

CMOD 50: WLL / tonnes @ 60° ISA / 30° STV / 60° BSA

11											32
10										41	31
9									50	39	29
8								50	48	37	28
7							60	50	45	35	27
6						60	60	50	43	33	26
5					60	60	60	50	40	32	25
4				60	60	60	50	49	38	31	24
3			60	60	60	60	50	47	37	30	23
2		60	60	60	60	60	50	45	36	29	23
1	60	60	60	60	60	60	50	44	35	28	22
Spænd (m)	1	2	3	4	5	6	7	8	9	10	11

CMOD 50: WLL / tonnes @ 90° ISA / 45° STV / 45° BSA

11											18
10										23	17
9									28	21	16
8								28	27	20	15
7							34	28	25	19	14
6						40	34	28	24	18	14
5					40	40	34	28	23	17	13
4				50	40	40	28	28	21	17	13
3			50	50	40	40	28	26	21	16	12
2		50	50	50	40	34	28	25	20	16	12
1	50	50	50	50	40	34	28	25	20	15	12
Spænd (m)	1	2	3	4	5	6	7	8	9	10	11

CMOD 70: WLL / tonnes @ 60° ISA / 30° STV / 60° BSA

12												63
11											70	60
10										80	70	58
9									80	80	70	55
8								80	80	80	67	53
7							80	80	80	70	65	51
6						80	80	80	70	60	62	49
5					80	80	80	80	70	60	60	47
4				80	80	80	80	80	70	60	58	46
3			80	80	80	80	80	80	70	60	56	45
2		80	80	80	80	80	80	70	70	60	55	44
1	80	80	80	80	80	80	80	70	70	60	54	44
Spænd (m)	1	2	3	4	5	6	7	8	9	10	11	12

CMOD 70: WLL / tonnes @ 90° ISA / 45° STV / 45° BSA

12												36
11											40	34
10										40	40	33
9									46	40	40	31
8								57	46	40	38	30
7							60	57	46	40	37	29
6						60	60	57	40	34	35	28
5					60	60	60	50	40	34	34	27
4				60	60	60	60	50	40	34	33	26
3			60	60	60	60	60	50	40	34	32	26
2		60	60	60	60	60	60	50	40	34	31	25
1	60	60	60	60	60	60	60	50	40	34	31	24
Spænd (m)	1	2	3	4	5	6	7	8	9	10	11	12

Modulift Adjustable Lifting/Spreader Beam

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

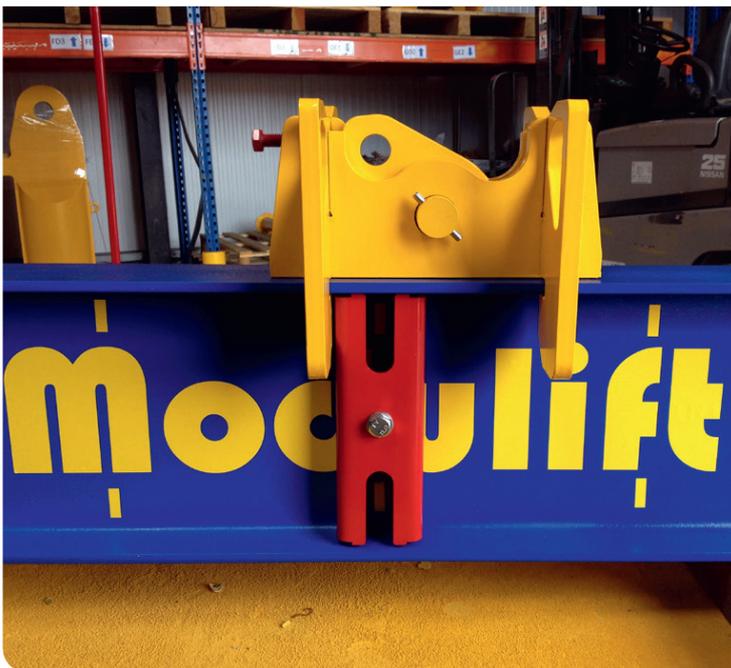
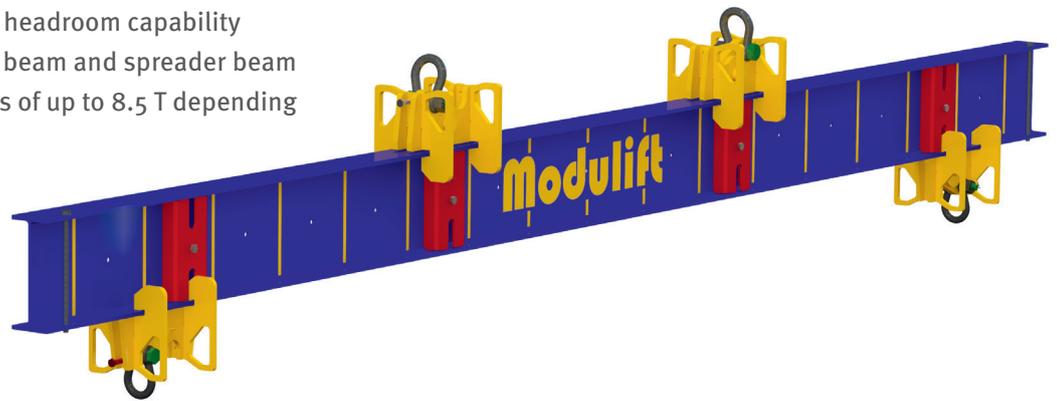
The adjustable lifting/spreader beam (or MOD CLS) is stocked as a boxed product for immediate shipping that eliminates delays incurred waiting for alternative solutions, which often have to be manufactured to order.

The MOD CLS is currently available in one size up to 8.5 T 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 6 m and capacities of up to 8.5 T depending on configuration



MOD CLS specification

- The MOD CLS is rated at 8.5 T WLL at 3 m 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 6.5 T WLL (vertical) and 4.4 T WLL (0–30° STV).
- The bottom lifting beam clamp is rated at 4.75 T WLL (vertical).

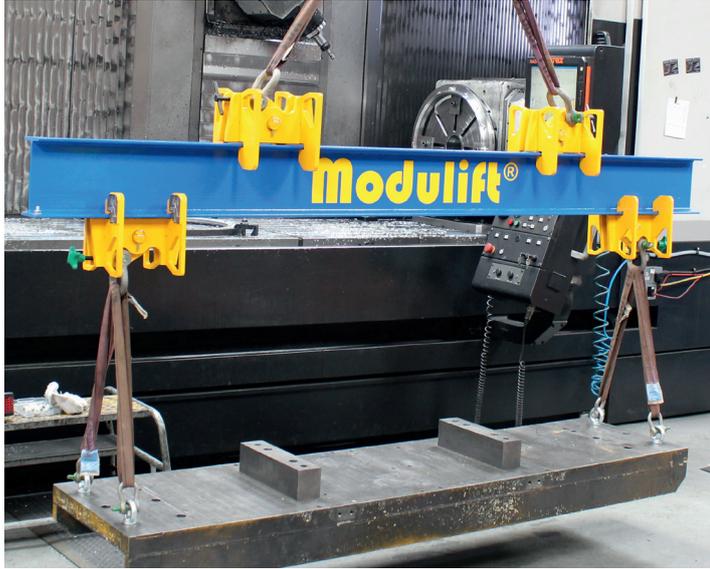


Fig. 1) Semi-spreader beam configuration



Fig. 2) Lifting beam configuration

WLL v span semi-spreader configuration (2 top lugs, Fig. 1)

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	

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.

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 CERTEX Danmark A/S if you need a specific WLL value for a specific span or arrangement not covered on the tables above.

Modulift Trunnion Modular Spreader Beam

The Trunnion spreader beam provides a shackle free lifting solution that revolutionises the rigging industry by offering an efficient, lightweight and economic below-the-hook solution.

The shackle free lifting solution is a standard modular spreader beam, using the same struts and bolting configurations and is fully compatible with current and legacy equipment.

The Trunnion spreader beam reduces the cost on the price of rigging by up to 50% and by using this innovative system compared to similar applications the rigging up phase can take up to half the duration therefore saving you time and money.

The Trunnion spreader is initially available in three sizes up to 1000 T capacity.
TRUN MOD250, TRUN MOD400 and TRUN MOD600 – covering a range of capacities from 250 T to 1000t.

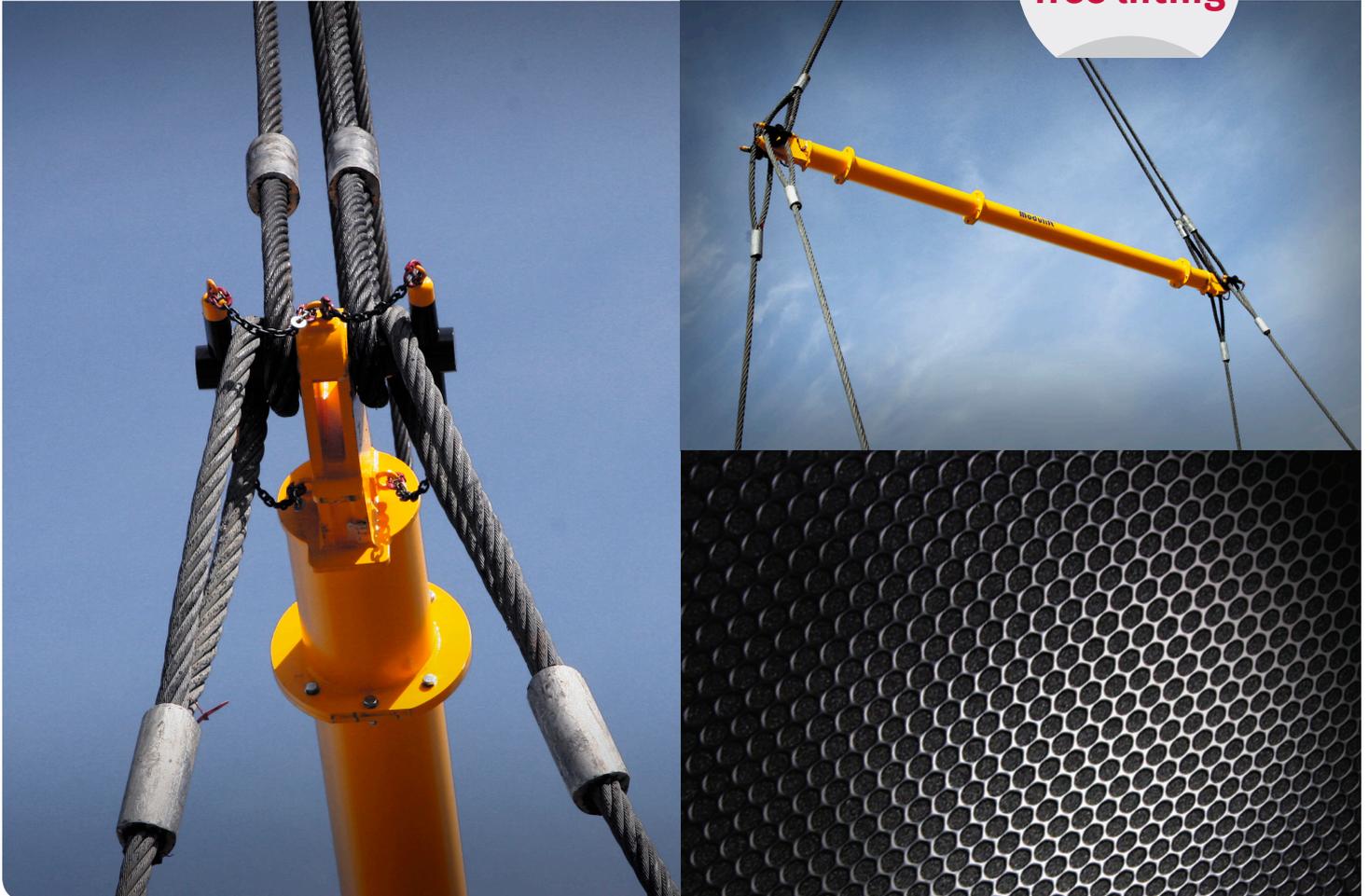
System benefits

- Reduce your rigging weight
- Reduce your health and safety concerns
- Save time and money on rigging

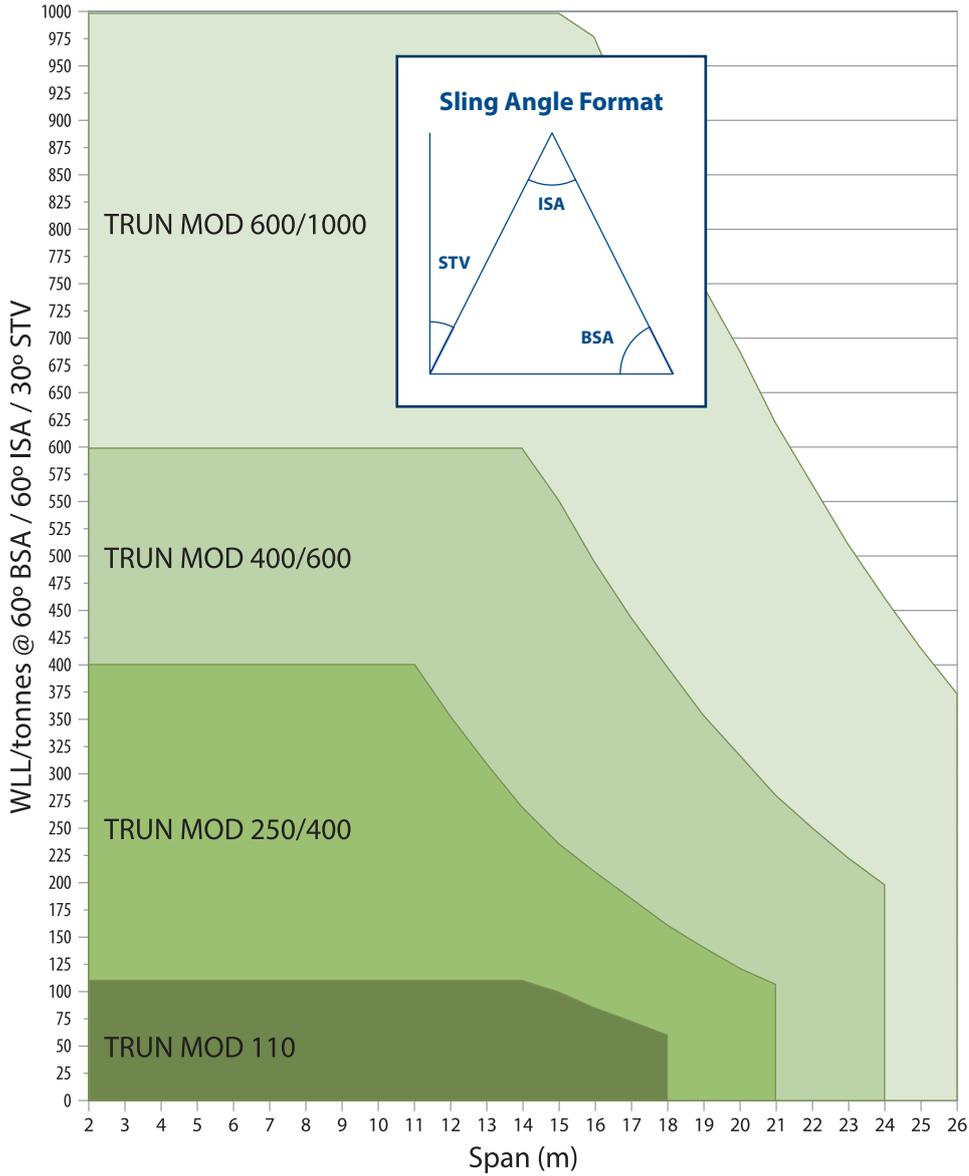


The current range has been developed according to BS EN 1993-1, and further sizes can be designed on a custom basis and additions to the range may be manufactured in future if demand is sufficient.

**Shackle
free lifting**



Load v span chart - Modulift Trunnion modular spreader beam



Trunnion spreader range load vs span chart 30° STV

		Span / m																								
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
WLL / tonnes	TRUN MOD 600/1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	977	899	821	749	688	623	565	512	461	416	373
	TRUN MOD 400/600	600	600	600	600	600	600	600	600	600	600	600	600	600	551	495	443	397	355	317	281	251	223	198		
	TRUN MOD 250/400	400	400	400	400	400	400	400	400	400	400	400	355	310	270	235	211	185	160	141	122	106				
	TRUN MOD 110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	100	85	73	60							

Modulift Subsea Spreader Beam

The Modulift subsea spreader beam has an open section design, therefore being suitable for water submersion by eliminating the risks of any cavity or pressure issues.

The subsea spreader beam series are available for order while for more job specific requirements or high QA lifts, the Modulift engineering team can design custom made lifting alternatives. Complying with 'DNV-OS-H206 – loadout, transport and installation of subsea objects', the Modulift subsea range is designed to safely lift loads up to up 570 T.

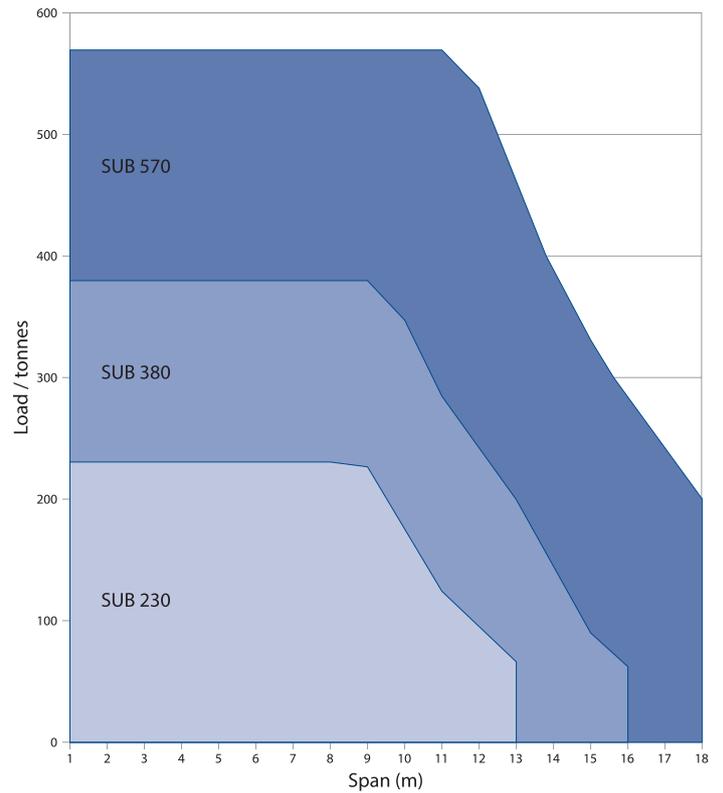
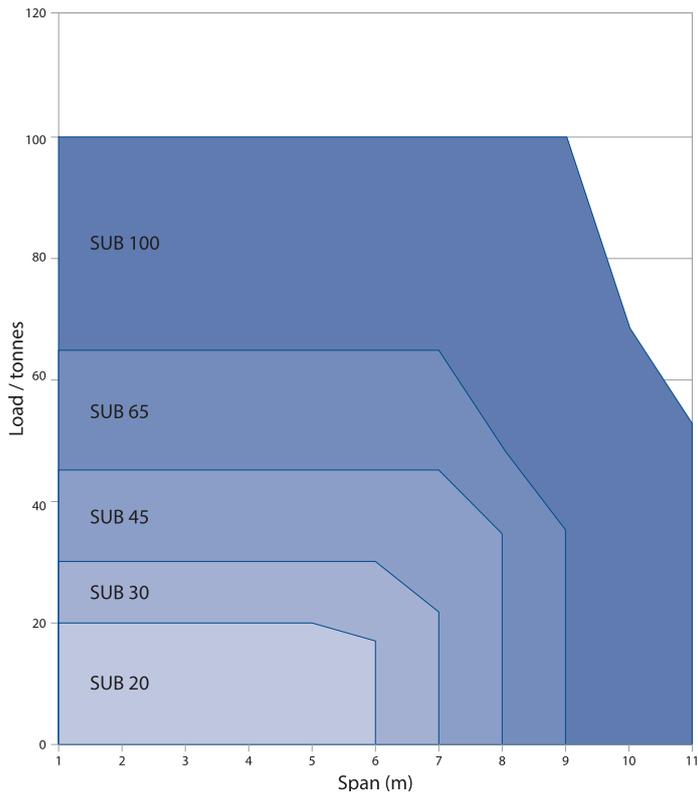
As with regular spreader beams they are fully and correctly assembled when combined with the recommended end units, drop links and shackles top and bottom, which also allows for the options to use ROV shackles where necessary too. Their unique modular elements will as with all Modulift products, provide a versatile and efficient option for deep water lifting and offshore lifting.

System benefits

- DNV compliant
- Deep water lifting system
- Lightweight design
- Modular



Load v span charts – Modulift subsea spreader beam range



Subsea spreader range load vs span chart 30° STV

Span / m	WLL / tonnes								Min. sling length / m
	SUB 20	SUB 30	SUB 45	SUB 65	SUB 100	SUB 230	SUB 380	SUB 570	
1	20	30	45	65	100	230	380	570	1
2	20	30	45	65	100	230	380	570	2
3	20	30	45	65	100	230	380	570	3
4	20	30	45	65	100	230	380	570	4
5	20	30	45	65	100	230	380	570	5
6	17	30	45	65	100	230	380	570	6
7		22	45	65	100	230	380	570	7
8			35	49	100	230	380	570	8
9				36	100	228	380	570	9
10					69	183	345	570	10
11					53	128	285	570	11
12						100	239	535	12
13						66	198	455	13
14							140	388	14
15							90	327	15
16							63	282	16
17								238	17
18								201	18

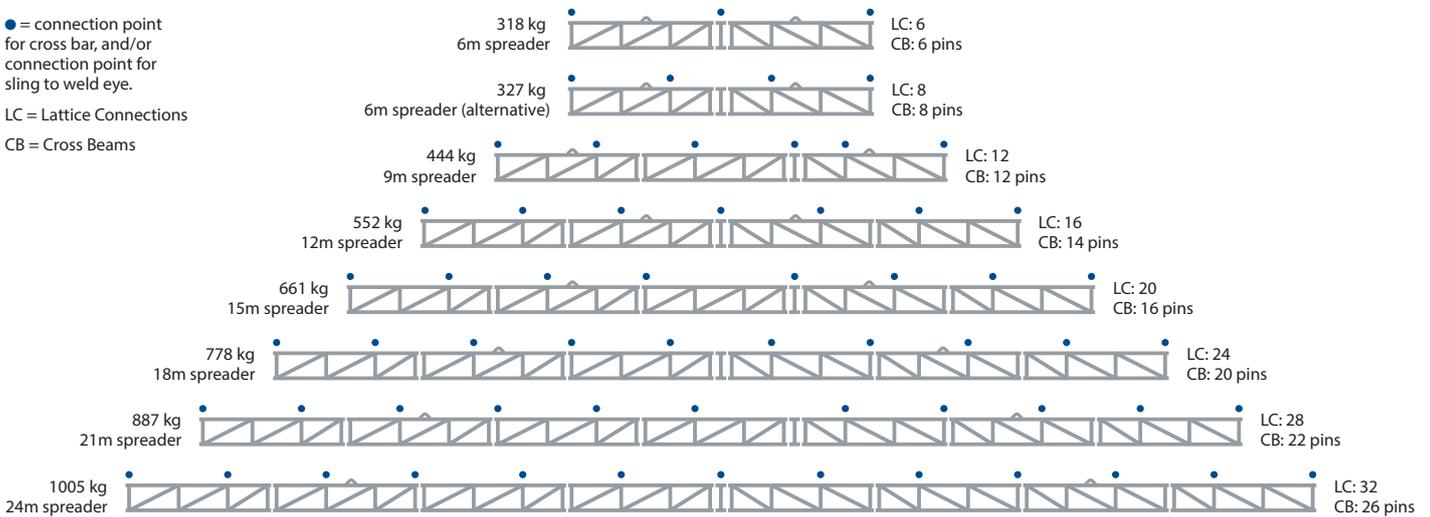
Modulift Lattice Spreader Beams

Modular lattice spreader beams are ideal for lifting longer, light loads. For example fragile or flexible pipe sections or roof sheet packs that require multiple supporting lift points along the span.

The Lattice spreader beam has been designed to be lightweight for easy transportation and storage as well as being a cost-effective piece of lifting equipment.

Lifting points/load connection points 6–24 m span

● = connection point for cross bar, and/or connection point for sling to weld eye.
 LC = Lattice Connections
 CB = Cross Beams



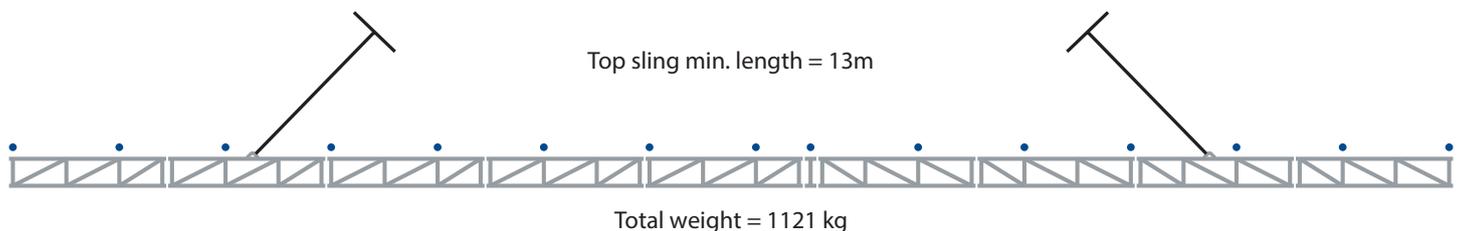
Spreader	Configuration (frame types)									No of crossbeams
6 m	2	3	2							3 or 4
9 m	2	1	3	2						6
12 m	1	2	3	2	1					7
15 m	1	2	1	3	2	1				8
18 m	1	2	1	3	1	2	1			10
21 m	1	2	1	1	3	1	2	1		11
24 m	1	2	1	1	3	1	1	2	1	13

1=Type 1 Frame
 2=Type 2 Frame
 3=Type 3 Frame

Maximum 1.5 m overhang of roofing sheet per end

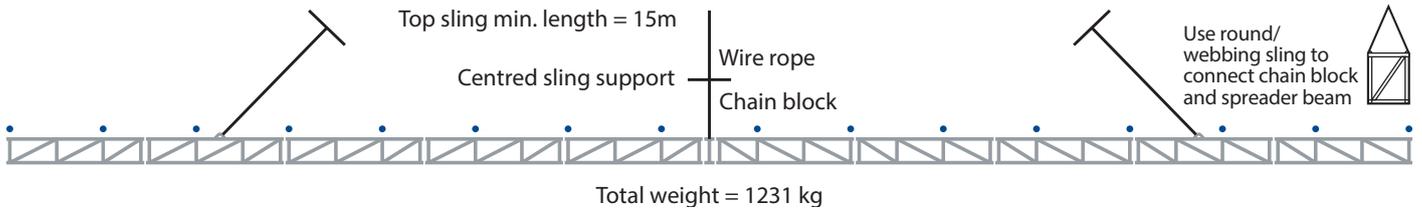


Assembled 27 m lattice spreader beam



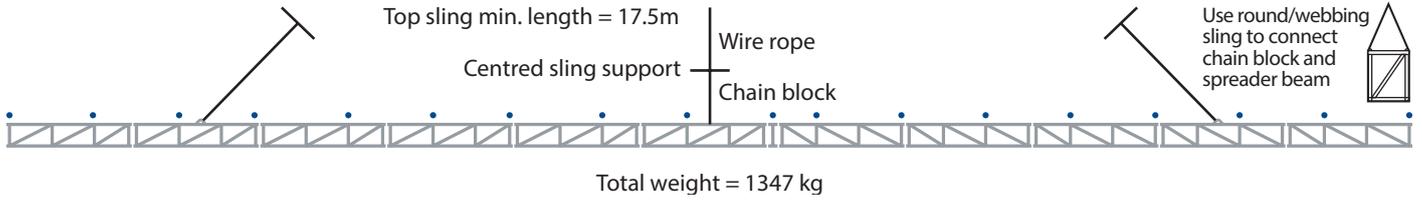
Spreader	Configuration (frame types)											No. of crossbeams
27 m	1	2	1	1	1	3	1	1	2	1		15
Type 1 Frame x7 Type 2 Frame x2 Type 3 Frame x1											Maximum 1.5 m overhang of roofing sheet per end	

Assembled 30 m lattice spreader beam



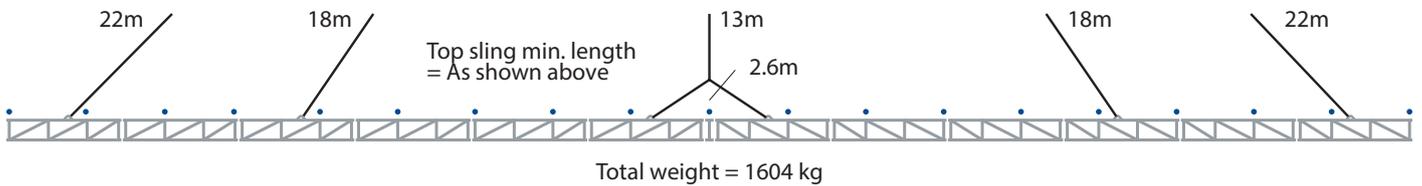
Spreader	Configuration (frame types)													No. of crossbeams
30 m	1	2	1	1	1	3	1	1	1	2	1			16
Type 1 Frame x8 Type 2 Frame x2 Type 3 Frame x1	Maximum 1.5 m overhang of roofing sheet per end													

Assembled 33 m lattice spreader beam



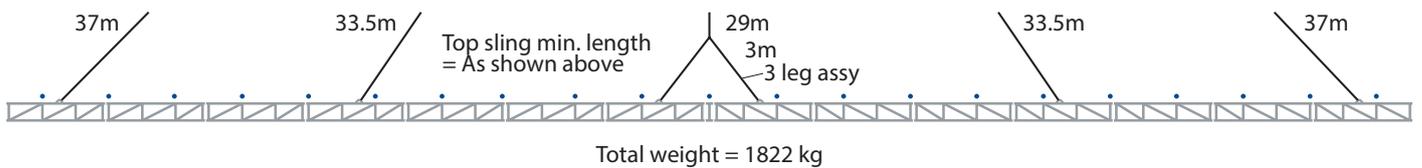
Spreader	Configuration (frame types)														No. of crossbeams
33 m	1	2	1	1	1	1	3	1	1	1	2	1			18
Type 1 Frame x9 Type 2 Frame x2 Type 3 Frame x1	Maximum 1.5 m overhang of roofing sheet per end														

Assembled 36 m lattice spreader beam



Spreader	Configuration (frame types)														No. of crossbeams
36 m	2	1	2	1	1	2	3	2	1	1	2	1	2		19
Type 1 Frame x6 Type 2 Frame x6 Type 3 Frame x1	Maximum 1.5 m overhang of roofing sheet per end														

Assembled 42 m lattice spreader beam



Spreader	Configuration (frame types)														No. of crossbeams	
42 m	2	1	1	2	1	1	2	3	2	1	1	2	1	2		21
Type 1 Frame x8 Type 2 Frame x6 Type 3 Frame x1	Maximum 1.5 m overhang of roofing sheet per end															

Engineered products - custom design

We can design and manufacture a custom lifting solution within 4–6 weeks – providing expert engineering, manufacturing excellence and quality assurance.

Because not every load fits into a standard mould, our engineers 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 – we can design a custom solution for you.

Modulift has 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!

Modulift offers a complete design and 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 and qualification of weld procedures to BS EN ISO 15614-1. Welding can also be carried out in compliance with other international standards.

International standards

In addition there are several international standards that Modulift's spreader beams can be designed to comply with, particularly in reference to offshore applications:

- DNV-ST-N001 – Marine Operations and Marine Warranty
- Lloyds Register: Code for Lifting Appliances in a Marine Environment
- API RP 2A-WSD
- OSHA CR 29 1926.251



Solutions
that match
your needs

Modulift

BLACKFORD DOLPHIN

Global spreader beam designer & manufacturer

CERTEX Danmark A/S is your supplier of Modulift spreader beams.
Modulift is the leading global spreader beam designer and manufacturer in the market.

**Certified spreader beams
worldwide**



**Flexible modular
product design**



**Innovative high
quality products**



**DNV Type Approval
up to 1500 t**



**Economical - can be used
over and over again**



**Custom-made solutions
for all types of lift**



**Special lightweight
solutions**



**Portable and easy
handling**



**Safe conditions for
lifting operations**



Regulations, standards and compliance

Each Modulift spreader beam series has been proven by being proof load tested in the Modulift compression test rig, and all products have been designed in accordance with the standards listed below:

UK & Europe Compliance

- BS EN 13155: 2003+A2:2009: Cranes – Safety – Non-fixed load lifting attachments
- DNV Standard for Certification No. 2.22 Lifting Appliances 2011 & DNVGL-ST-0378
- MOD 6 up to MOD 800/1500 Type Approved by DNVV
- LOLER: 1998 (Lifting Operations and Lifting Equipment Regulations)
- PUWER: 1998 (Provision and Use of Work Equipment Regulations)
- EC Machinery Directive 2006/42/EC
- BS EN 1993-1: 2005: Eurocode 3

USA Compliance

- ASME B30.20 - 2018: For Below-the-Hook Lifting Devices
- ASME BTH-1 2017: Design of Below-the-Hook Lifting Devices

Australian Compliance

- AS 4991 - 2004: Lifting Devices

Russian Compliance

- EAC Mark – Eurasian Customs Union Technical Regulations Compliance

Worldwide Compliance

- ISO 17096 – 2015: Cranes, Safety, Load Lifting Attachments

DNV Standard for Certification

DNV 2.22: Modulift spreader beam designs conform to DNV Standard for Certification No.2.22 Lifting Appliances. Modulift is the first and only Spreader Beam Manufacturer in the world to have the globally recognised DNV Type Approval for all spreader beams up to 1500 T capacity, in accordance with DNV's standard for Certification No. 2.22 for Lifting Appliances 2011, at no extra cost to the client. For those customers who require a higher level of quality standard, Modulift also provides further options for project specific 3rd party verification. When a project demands the highest level of certification Modulift are able to offer our customers varying degrees of additional DNV certification depending upon their individual QA requirements, including:

- Proof Load Test Survey Report and Record of Test
- DNV Certificate of Conformity for Manufacture & Test (CG3 in accordance with ILO convention 152)

Ask us about the level of options available to ensure your safe lift

• Level 1

Standard Modulift Spreader Beams: In accordance with BS EN 13155 – 2003. Available CE Marked and supplied with a Certificate of Conformity and DNV Type Approval, up to 600 T available off-the-shelf.

• Level 2

Individual Proof Load Testing of Modulift spreader beams: Modulift offer an individual Proof Load Test service with or without 3rd party verification to those requiring a higher level of certification. Please ask for further information.

• Level 3

Modulift spreader beams with project specific DNV Certification: Although our range of spreader beams are now DNV Type Approved, we can also offer project specific DNV certification of individual spreader beams. It is the ultimate in certification and quality control for the most demanding project specification; a Modulift spreader beam individually certified by DNV in terms of design, manufacturing and Proof Load testing. Supplied with a design review report and Certificate of Conformity for Manufacture and Test, issued by DNV.

**All Modulift
spreader beams up
to 1500 T capacity
are now DNV Type
Approved**



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Based on many years of experience & KnowHow within lifting, load tests & engineering, CERTEX Danmark A/S is your reliable partner and supplier of steel wire rope, lifting applications & related services.

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