



Modulift
by **pewag**

Product Catalogue

(rss) ropeandsling.co.uk
LIFTING PRODUCTS AND SERVICES



Welcome to Modulift®

Globally recognised as the market leader below-the-hook

**Best known for our iconic yellow
MOD® Spreader Beams, we are trusted
worldwide for efficient delivery.**

The MOD® is the linchpin in our product line up; a versatile foundation that seamlessly modifies into the shackle-free Trunnion, and CMOD® & TriMOD Spreader Frames.

For niche applications; we have subsea beams for deep water use, and lattice beams for long, lightweight loads.

The Lifting Beam range features the versatile Multi-Point and the clamp-based CLS; both transform from lifting beam to semi-spreader.

Need something unique? Over half of production is dedicated to custom design; an end-to-end service for even the most unconventional projects.

Modulift's global distributor network



Contents

MOD® Modular spreader beam	4
CMOD® 4,6 and 8-point spreader frame	8
TriMOD 3-point spreader frame	10
TRUNNION Shackle-free spreader beam	12
SUB Subsea spreader beam	14
LATTICE Long and light spreader beam	16
MULTI-POINT (Modular) Lifting beam	18
CLS Lifting beam + clamps	20
CUSTOM Design + manufacturing	22
Quality Standards + manufacturing	24
Case studies Modulift in action	26

MOD®

The original and best spreader beam



0.4 to 36m span ↔

6t to 2000t ⚙️

Modular 📏 + 📏

Compatible with TRUNNION, CMOD® and TriMOD



Modular, lightweight and portable. Mix and match components to re-use at different spans

Next day delivery worldwide*

*Subject to Availability

MOD®

What is included?

Your selected struts, two end units, two drop links, and nuts & bolts are supplied as standard. Slings and shackles can be supplied at an additional cost.

To select your required beam, see load v span charts overleaf. Select the number and length of struts for your required span below.



Select the number and length of struts for your required span. To select your required beam size, see load v span charts overleaf

Beam size	Available strut lengths (metres)*														
	0.1	0.2	0.25	0.3	0.5	0.6	0.75	1.0	1.5	2.0	3.0	4.0	5.0	6.0	
MOD® 6	✓	✓		✓		✓		✓							
MOD® 12			✓		✓		✓	✓	✓						
MOD® 24					✓			✓		✓					
MOD® 34					✓			✓		✓					
MOD® 50					✓			✓		✓		✓			
MOD® 70/70H					✓			✓		✓		✓	✓		
MOD® 110/110H/110SH					✓			✓		✓		✓	✓		
MOD® 250-250 / 250-300 / 250-400					✓			✓		✓	✓				✓
MOD® 400-400 / 400-500 / 400-600					✓			✓		✓	✓				✓
MOD® 600-600 / 600-800 / 600-1000					✓			✓		✓	✓	✓	✓	✓	✓
MOD® 800-1200 / 800-1500					✓			✓		✓	✓	✓	✓	✓	✓
MOD® 1100-2000					✓			✓		✓	✓	✓	✓	✓	✓

*Custom length struts can be manufactured to suit the required span

Optional extras



Stepdown end unit



Hybrid cone adaptor



Clevis drop-link & delta plate



Trunnion drop link



Proof load testing



Alternative paint colour

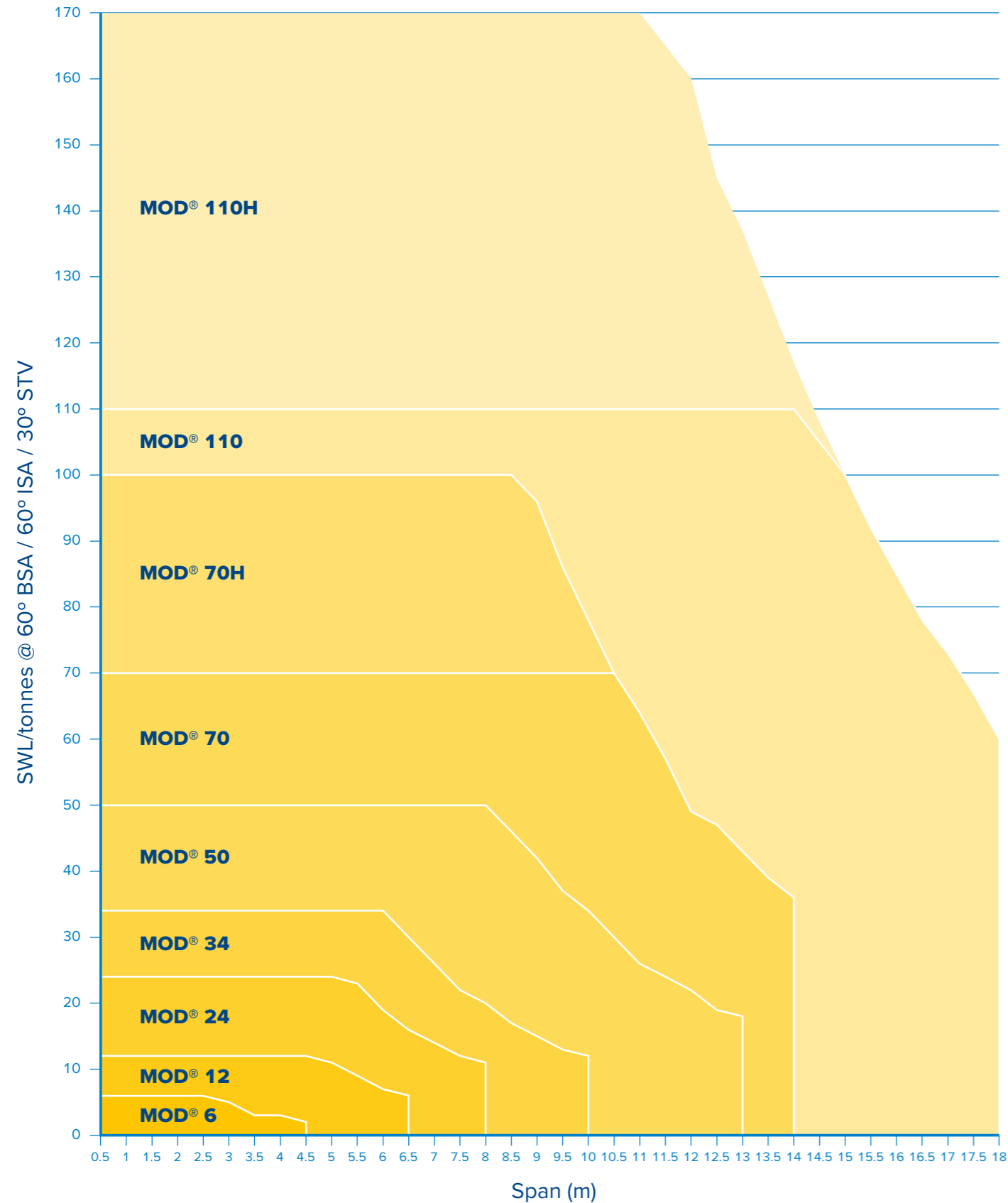


Stillages

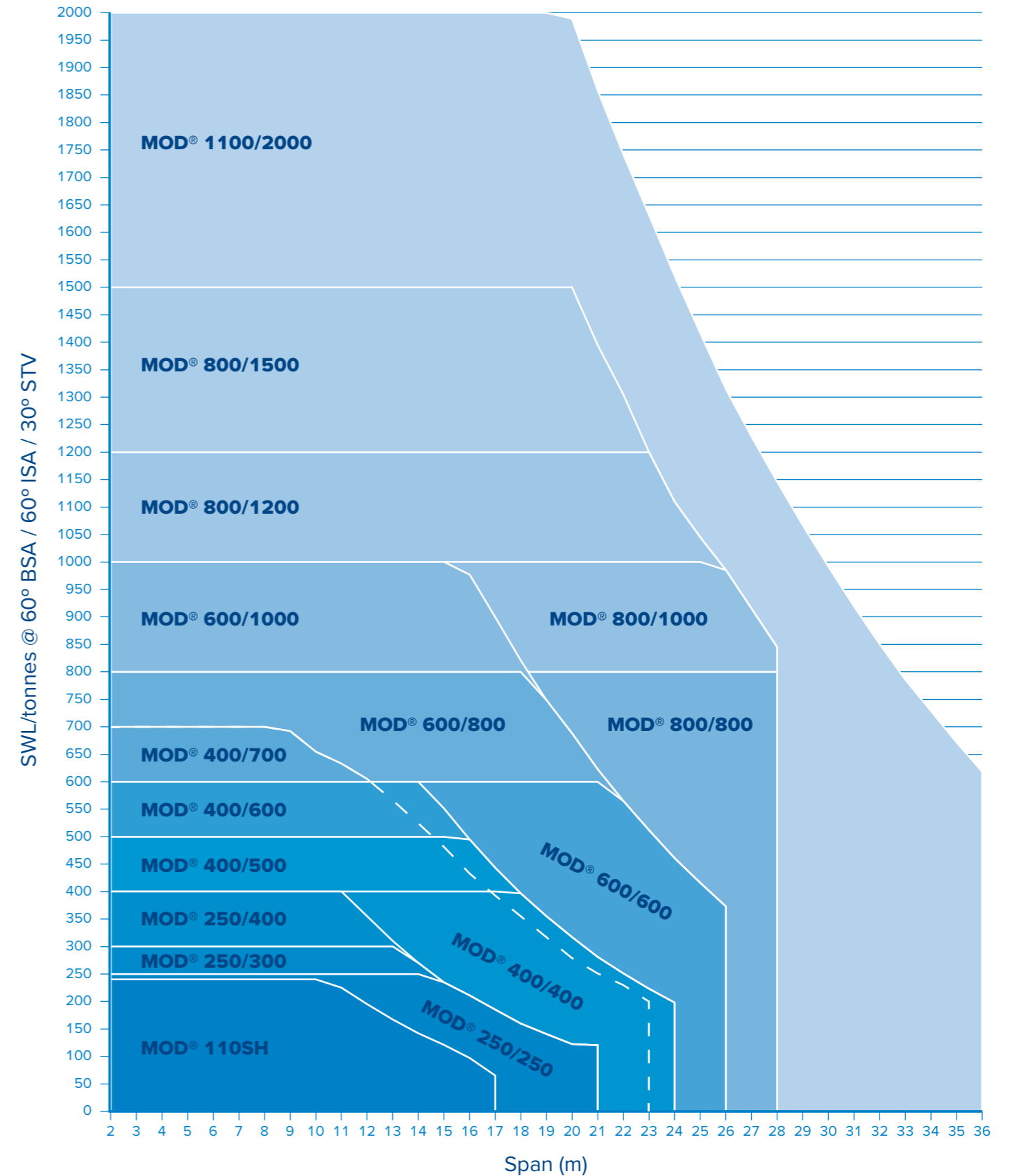
Which size MOD[®] spreader beam?

Select the required load and span

Load v span chart MOD[®] 6 to 110H



Load v span chart MOD[®] 110SH to 1100/2000



CMOD®

4-point, 6-point and 8-point spreader frames

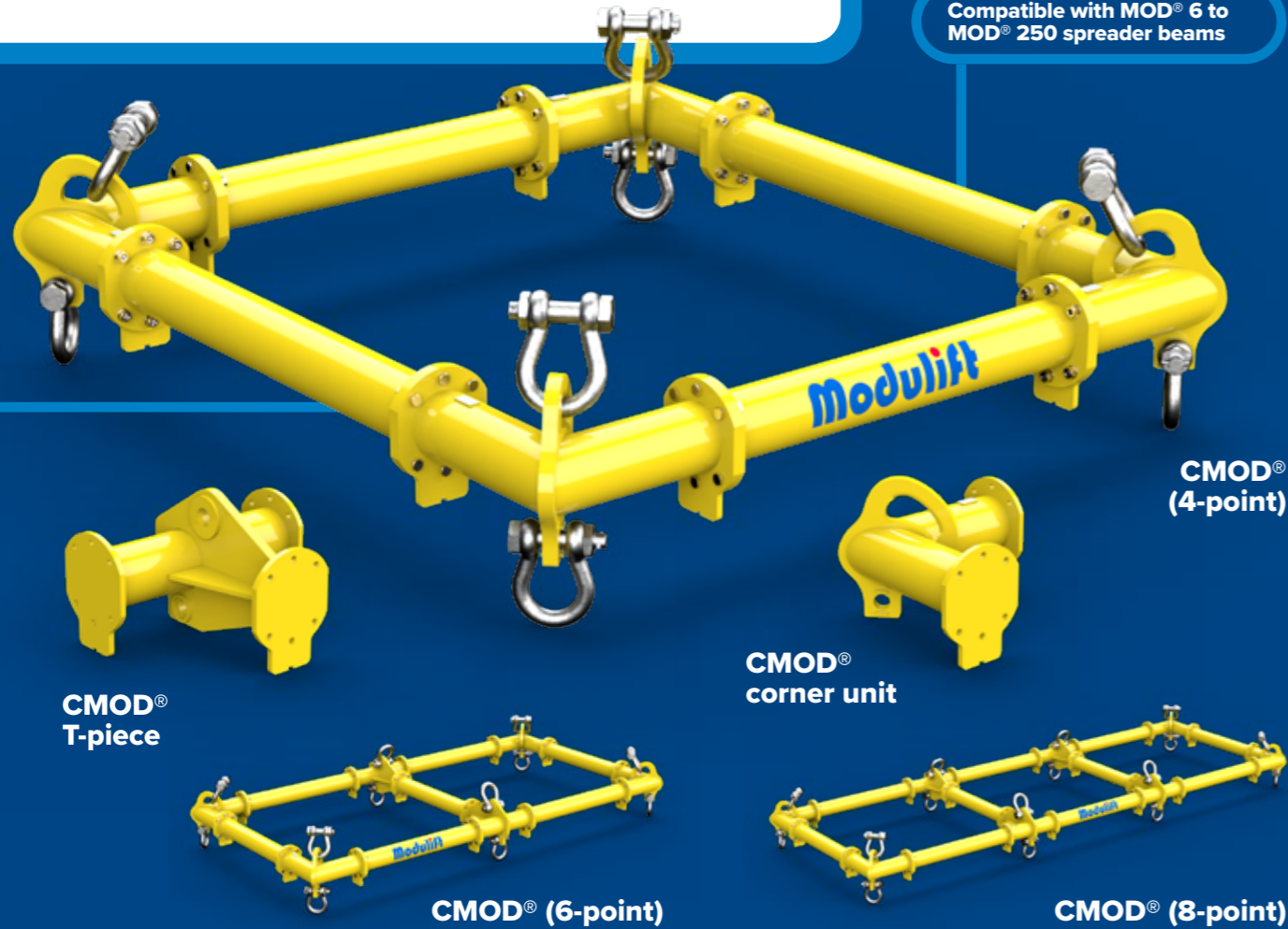
0.5x0.5m to 20x20m span ↔

6t to 300t ⚖️

MOD® struts and corner units combine into a 4-point frame

Add T-pieces to make a 6-point or 8-point frame

Compatible with MOD® 6 to MOD® 250 spreader beams



CMOD® (4-point)

CMOD® T-piece

CMOD® corner unit

CMOD® (6-point)

CMOD® (8-point)

Lightweight yet strong. Used for low headroom lifts with multiple lifting points



Which size CMOD®?

Select the required load and span*

CMOD®

CMOD® 6 (4-point) SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

2.5					8
2			8	8	
1.5		8	8	8	
1	8	8	8	6	
0.5	8	8	8	6	6
Span (m)	0.5	1	1.5	2	2.5

CMOD® 34 (4-point) SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

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	
Span (m)	1	2	3	4	5	6	7	8	

CMOD® 12 (4-point) SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

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	16	14	12	
0.5	16	16	16	16	16	14	12	
Span (m)	0.5	1	1.5	2	2.5	3	3.5	4

CMOD® 50 (4-point) SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

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
Span (m)	1	2	3	4	5	6	7	8	9	10	11

CMOD® 24 (4-point) SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

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
Span (m)	1	2	3	4	5	6

CMOD® 70 (4-point) SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

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
Span (m)	1	2	3	4	5	6	7	8	9	10	11	12

*Load v span charts for CMOD® 110 and 250 (4-point), and load v span charts for CMOD® (6-point) and (8-point) are available on request

TriMOD

3-point spreader frame

0.5 to 18m span ↔

9.7t to 165t ⚖️

Compatible with MOD® 6
to 110 spreader beams



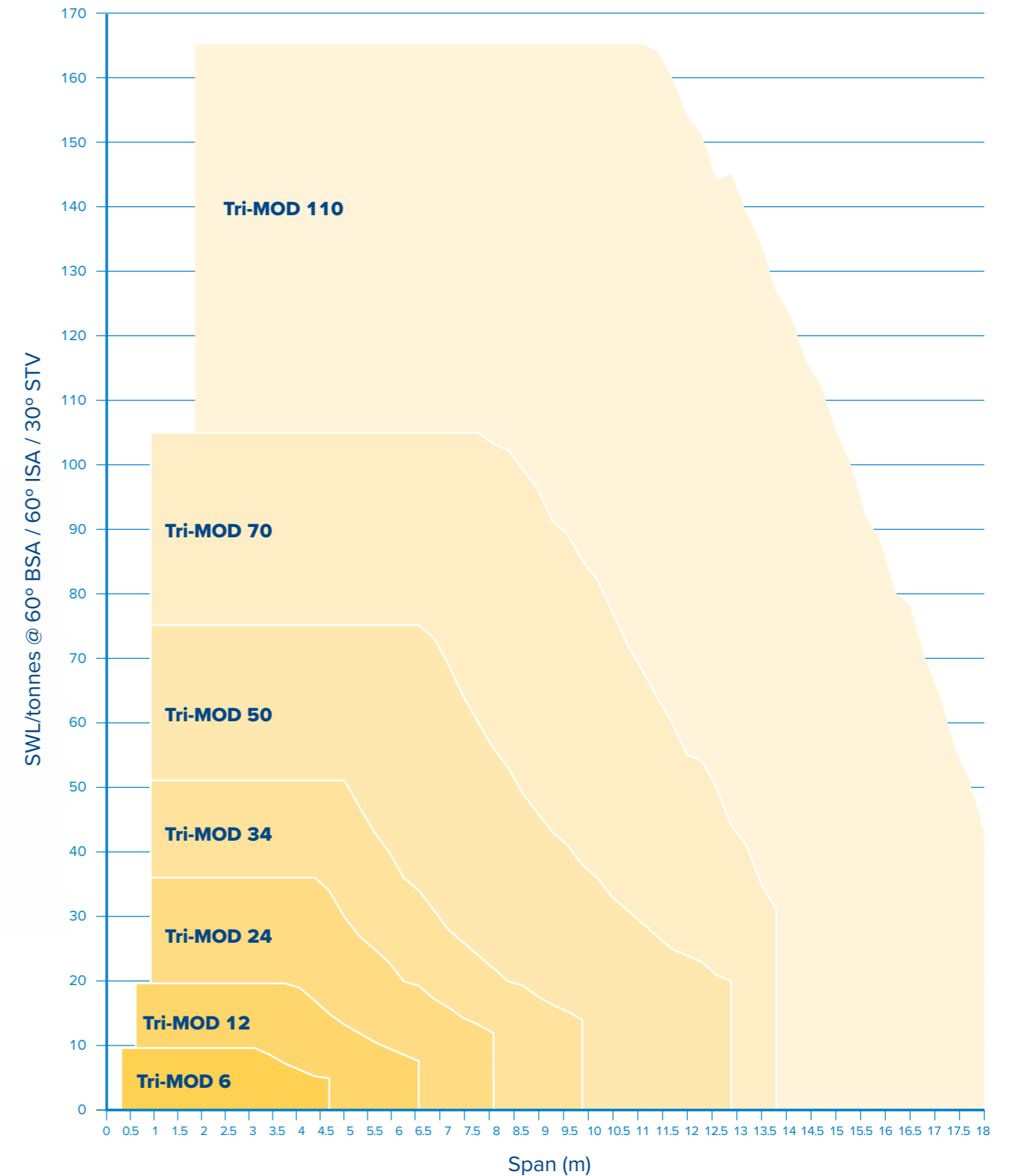
Simplifies
rigging for
3-point and
circular lifts



Which size TriMOD? Select the required load and span

TriMOD

Load v span chart TriMOD 6 to 110



TRUNNION

Shackle-free end units for MOD® spreader beams

2 to 26m span ↔

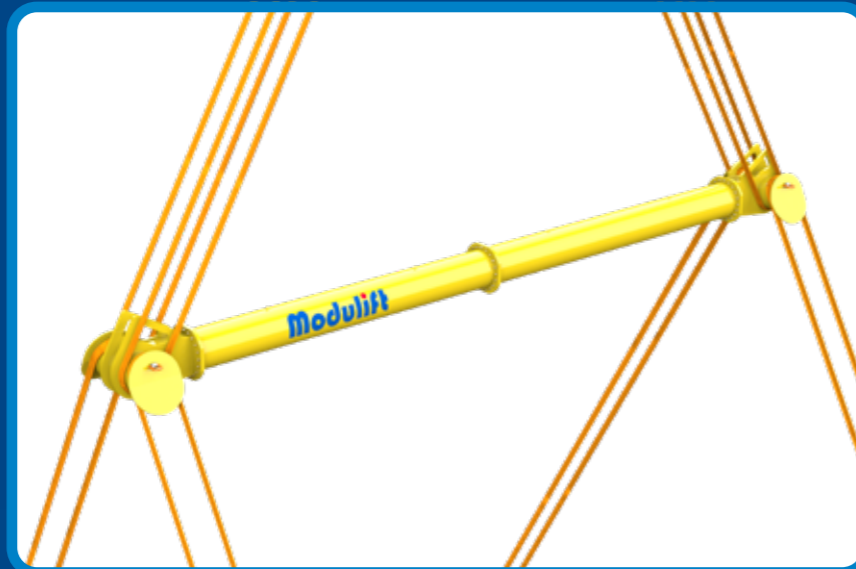
110t to 1000t ⚖️

Compatible with MOD® 110 to 600/1000 spreader beams

TRUNNION end unit

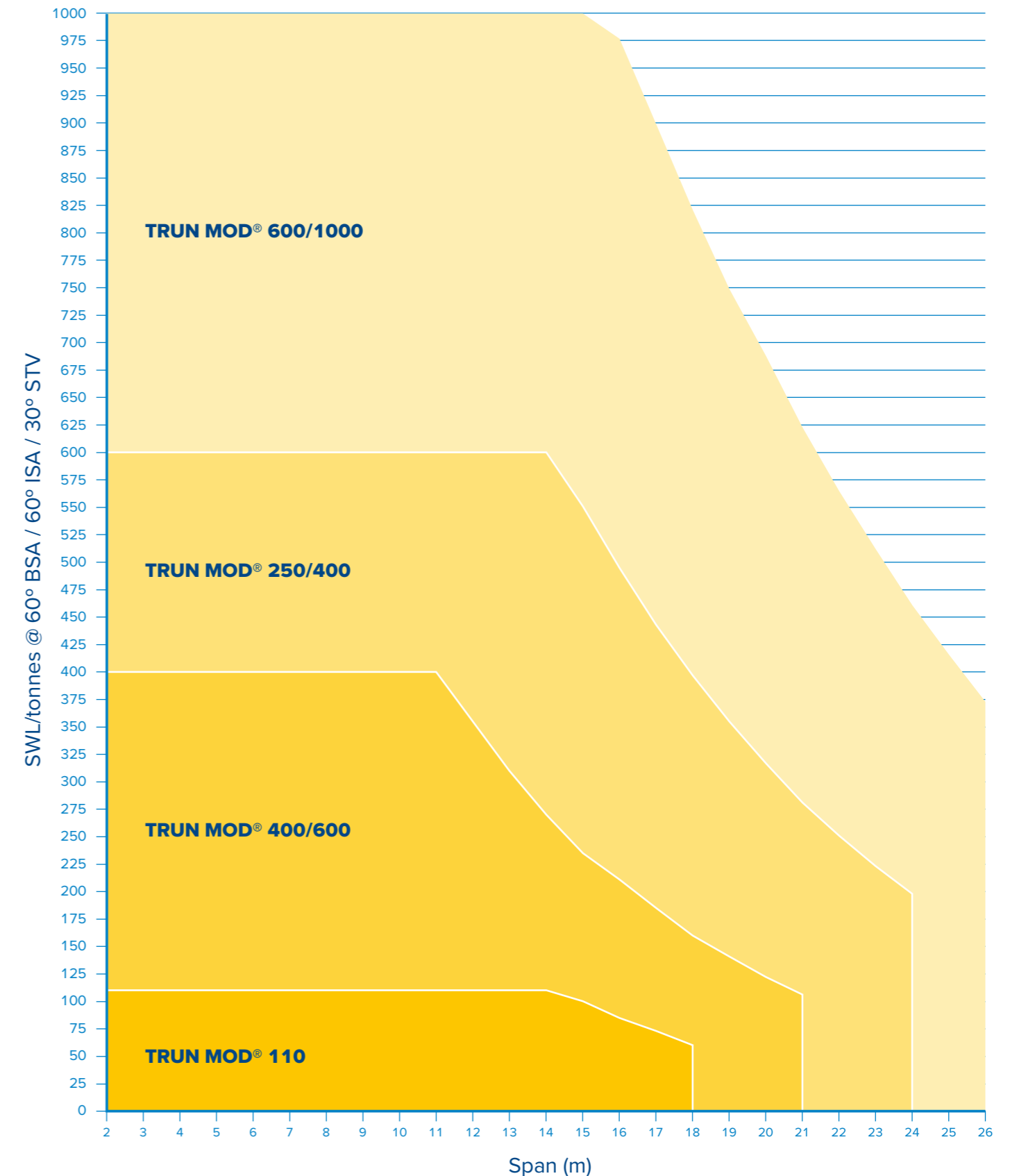


No need for shackles.
Reduce rigging costs by 50%,
and save time on site



Which size TRUNNION end unit? Select the required load and span*

Load v span chart TRUNNION 110 to 600/1000



*Load v span charts for TRUNNION 1000 to 2000 are available on request

SUB

Subsea spreader beam for deep water use



Subsea spreader beam

Open section design eliminates risk of cavity or pressure issues



0.5 to 18m span

20t to 570t

Modular

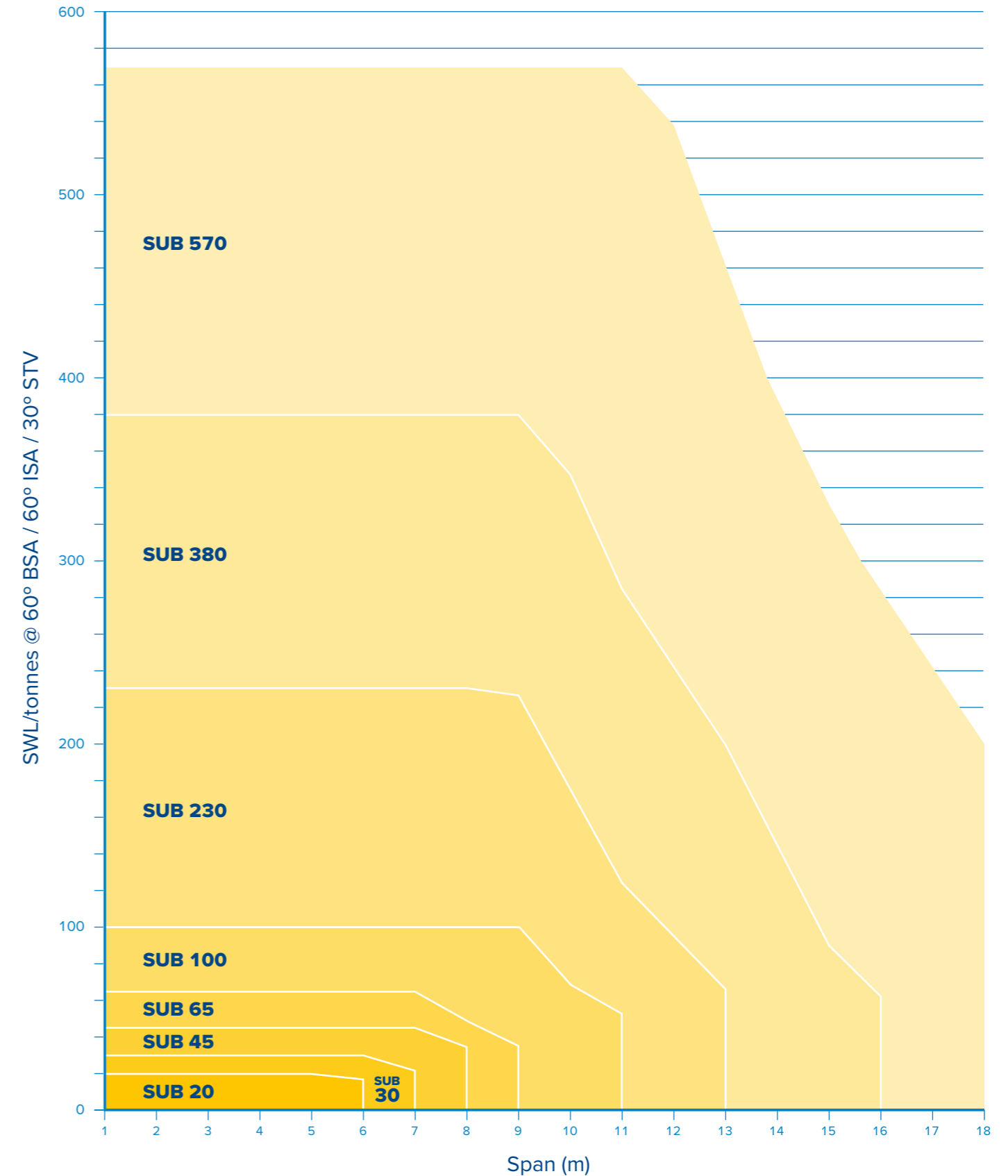
Compatible with ROV shackles

Which size SUB?

SUB

Select the required load and span

Load v span chart SUB 20 to 570



LATTICE

Modular lattice beam for long, light loads

6 to 42m span ↔

3t and 5t options 🛒

Lower slings can attach every 2m for even load distribution

LATTICE beam

The go-to choice for lengthy lifts. Use for long pipe sections, wind turbine blades and roof sheet packs



Which size LATTICE? LATTICE

Select the required load and span

Span	WLL	Components required				
		Type 1	Type 2	Type 3	Cross beams	Connection pins
6m	3 tonnes	-	2	1	3	8
	5 tonnes	-	2	1	3	8
9m	3 tonnes	1	2	1	6	12
	5 tonnes	-	3	1	6	12
12m	3 tonnes	2	2	1	7	16
	5 tonnes	-	4	1	7	16
15m	3 tonnes	3	2	1	8	20
	5 tonnes	-	5	1	8	20
18m	3 tonnes	4	2	1	10	24
	5 tonnes	-	6	1	10	24
21m	3 tonnes	4	3	1	11	28
	5 tonnes	-	7	1	11	28
24m	3 tonnes	5	3	1	13	32
	5 tonnes	-	8	1	13	32
27m	3 tonnes	6	3	1	15	36
	5 tonnes	-	9	1	15	36
30m	3 tonnes	6	4	1	16	40
	5 tonnes	-	10	1	16	40
33m	3 tonnes	7	4	1	18	44
	5 tonnes	-	11	1	18	44
36m	3 tonnes	6	6	1	19	48
	5 tonnes	-	12	1	19	48
39m	3 tonnes	7	6	1	20	52
42m	3 tonnes	8	6	1	21	56

MULTI-POINT (Modular)

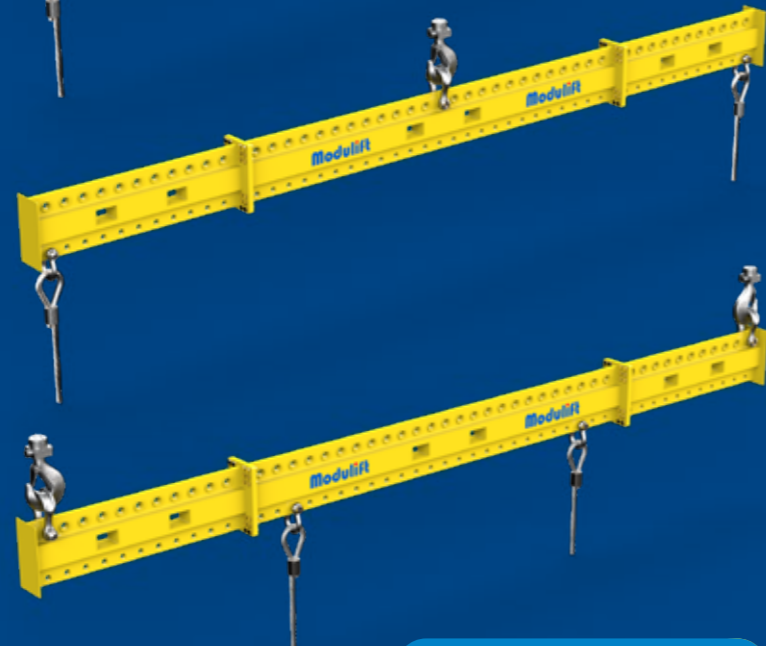
The beam that does it all



Semi-spreader beam

**Convenient,
reliable and
adaptable.
Ideal for
rental fleets**

Lifting beam
for low
headroom
applications



Tandem
lift

For a cost-effective alternative, fixed size multi-point beams are available (24 to 600t) up to 10m span

Swivel hook



0.25 to 12m span ↔

2t to 600t

Modular  + 

Optional swivel hook

Which size MULTI-POINT?

Select the required load and span*

MULTIPOINT 12 SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

Semi-spreader	Top span (m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0.5	12	12	12	12	12	12	8	6	5	4	3	2
1	12	12	12	12	12	12	7	7	5	4	3	2
2	12	12	12	12	12	12	7	7	5	4	3	3
3	12	12	12	12	12	12	8	8	5	4	3	3
4	12	12	12	12	12	12	10	9	6	5	4	3
5	12	12	12	12	12	12	10	10	6	5	4	3
6	12	12	12	12	12	12	12	12	6	5	4	3
7	6	7	8	9	10	12	12	12	10	9	6	4
8	6	7	8	9	10	12	12	12	10	9	6	4
9	5	5	6	6	7	7	12	12	12	12	9	7
10	4	4	5	5	6	6	12	12	12	12	9	7
11	3	3	3	3	3	3	5	6	10	12	12	12
12	3	3	3	3	3	3	5	6	10	12	12	12

MULTIPOINT 70 SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

Semi-spreader	Top span (m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0.5	70	70	70	70	70	70	56	47	42	35	28	21
1	70	70	70	70	70	70	58	52	42	35	28	21
2	70	70	70	70	70	70	60	56	44	35	28	21
3	70	70	70	70	70	70	70	58	46	35	30	21
4	70	70	70	70	70	70	70	70	48	35	30	21
5	70	70	70	70	70	70	70	70	48	35	30	21
6	70	70	70	70	70	70	70	70	50	35	30	21
7	70	70	70	70	70	70	70	70	55	42	34	24
8	57	70	70	70	70	70	70	70	60	56	40	29
9	48	48	50	50	50	50	60	70	70	64	45	35
10	41	41	41	41	41	41	60	70	70	70	60	52
11	26	26	26	26	26	26	30	50	50	70	70	70
12	26	26	26	26	26	26	30	41	50	70	70	70

MULTIPOINT 24 SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

Semi-spreader	Top span (m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0.5	24	24	24	24	20	20	15	13	11	9	7	6
1	24	24	24	24	24	24	16	14	11	9	7	6
2	24	24	24	24	24	24	20	16	12	10	8	6
3	24	24	24	24	24	24	20	18	12	10	8	6
4	24	24	24	24	24	24	20	20	14	11	8	6
5	24	24	24	24	24	24	20	20	16	11	8	6
6	24	24	24	24	24	24	24	24	16	11	8	6
7	14	16	18	22	24	24	24	24	20	14	9	7
8	14	16	18	22	24	24	24	24	22	19	12	9
9	12	13	14	16	16	16	24	24	24	24	16	12
10	10	11	11	12	12	12	24	24	24	24	20	17
11	8	8	8	8	8	8	10	12	14	24	24	24
12	8	8	8	8	8	8	10	12	14	24	24	24

MULTIPOINT 110 SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

Semi-spreader	Top span (m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0.5	110	110	110	110	90	85	70	60	50	45	40	40
1	110	110	110	110	100	90	80	70	60	50	40	40
2	110	110	110	110	110	100	90	86	70	60	50	45
3	110	110	110	110	110	110	90	90	75	60	50	45
4	110	110	110	110	110	110	100	100	85	75	60	50
5	110	110	110	110	110	110	100	100	85	75	60	50
6	110	110	110	110	110	110	100	100	85	80	60	50
7	110	110	110	110	110	110	110	110	100	90	70	60
8	110	110	110	110	110	110	110	110	110	100	80	69
9	85	85	90	90	90	90	90	110	110	110	90	80
10	79	79	85	90	90	90	90	110	110	110	110	110
11	60	60	70	70	70	70	85	95	110	110	110	110
12	58	58	58	58	58	58	80	90	110	110	110	110

MULTIPOINT 34 SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

Semi-spreader	Top span (m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0.5	34	34	34	34	32	32	26	22	18	16	12	10
1	34	34	34	34	34	34	26	23	18	16	12	10
2	34	34	34	34	34	34	28	25	18	16	12	10
3	34	34	34	34	34	34	30	27	20	17	13	10
4	34	34	34	34	34	34	32	32	20	17	13	10
5	34	34	34	34	34	34	32	32	20	17	13	10
6	34	34	34	34	34	34	34	34	20	17	13	10
7	26	28	28	34	34	34	34	34	26	22	15	12
8	24	26	28	34	34	34	34	34	32	29	20	14
9	18	20	22	24	24	24	34	34	34	34	24	18
10	17	17	18	19	19	19	34	34	34	34	28	27
11	12	12	12	12	12	12	20	22	24	34	34	34
12	12	12	12	12	12	12	17	19	24	34	34	34

MULTIPOINT 300 SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

Semi-spreader	Top span (m)											
	1	2	3	4	5	6	7	8	9	10	11	12
1	300	300	300	300	254	196	158	130	108	92	79	68
2	300	300	300	300	300	232	182	146	120	100	85	72
3	300	300	300	300	300	287	214	167	135	111	89	72
4	300	300	300	300	300	300	260	195	154	114	89	72
5	300	300	300	300	300	300	300	235	158	114	89	72
6	252	300	300	300	300	300	300	246	158	114	89	72
7	202	243	300	300	300	300	300	300	190	131	99	79
8	167	195	233	282	300	300	300	300	300	186	129	97
9	141	162	181	181	181	181	284	300	300	295	183	126
10	121	129	129	129	129	129	176	290	300	300	258	179
11	100	100	100	100	100	100	127	179	295	300	300	226
12	82	82	82	82	82	82	99	130	183	280	300	288

MULTIPOINT 50 SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

Semi-spreader	Top span (m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0.5	50	50	50	50	50	50	44	34	24	18	14	14
1	50	50	50	50	50	50	47	34	24	18	14	14
2	50	50	50	50	50	50	50	34	24	18	14	14
3	50	50	50	50	50	50	50	34	24	18	14	14
4	50	50	50	50	50	50	50	34	24	18	14	14
5	50	50	50	50	50	50	50	34	24	18	14	14
6	50	50	50	50	50	50	50	34	24	18	14	14
7	50	50	50	50	50	50	50	41	27	20	16	16
8	50	50	50	50	50	50	50	50	40	26	19	19
9	38	38	38	38	38	38	50	50	50	50	38	25
10	27	27	27	27	27	27	36	50	50	50	36	36
11	21	21	21	21	21	21	26	37	50	50	50	50
12	17	17	17	17	17	17	21	27	39	50	50	50

MULTIPOINT 600 SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

Semi-spreader	Top span (m)											
	1	2	3	4	5	6	7	8	9	10	11	12
1	600	600	600	600	600	495	405	280	180	130	100	80
2	600	600	600	600	600	590	470	280	180	130	100	80
3	600	600	600	600	600	600	520	280	180	130	100	80
4	600	600	600	600	600	600	520	280	180	130	100	80
5	600	600	600	600	600	600	520	280	180	130	100	80
6	600	600	600	600	600							

CLS

Clamp lifting system with adjustable lifting points

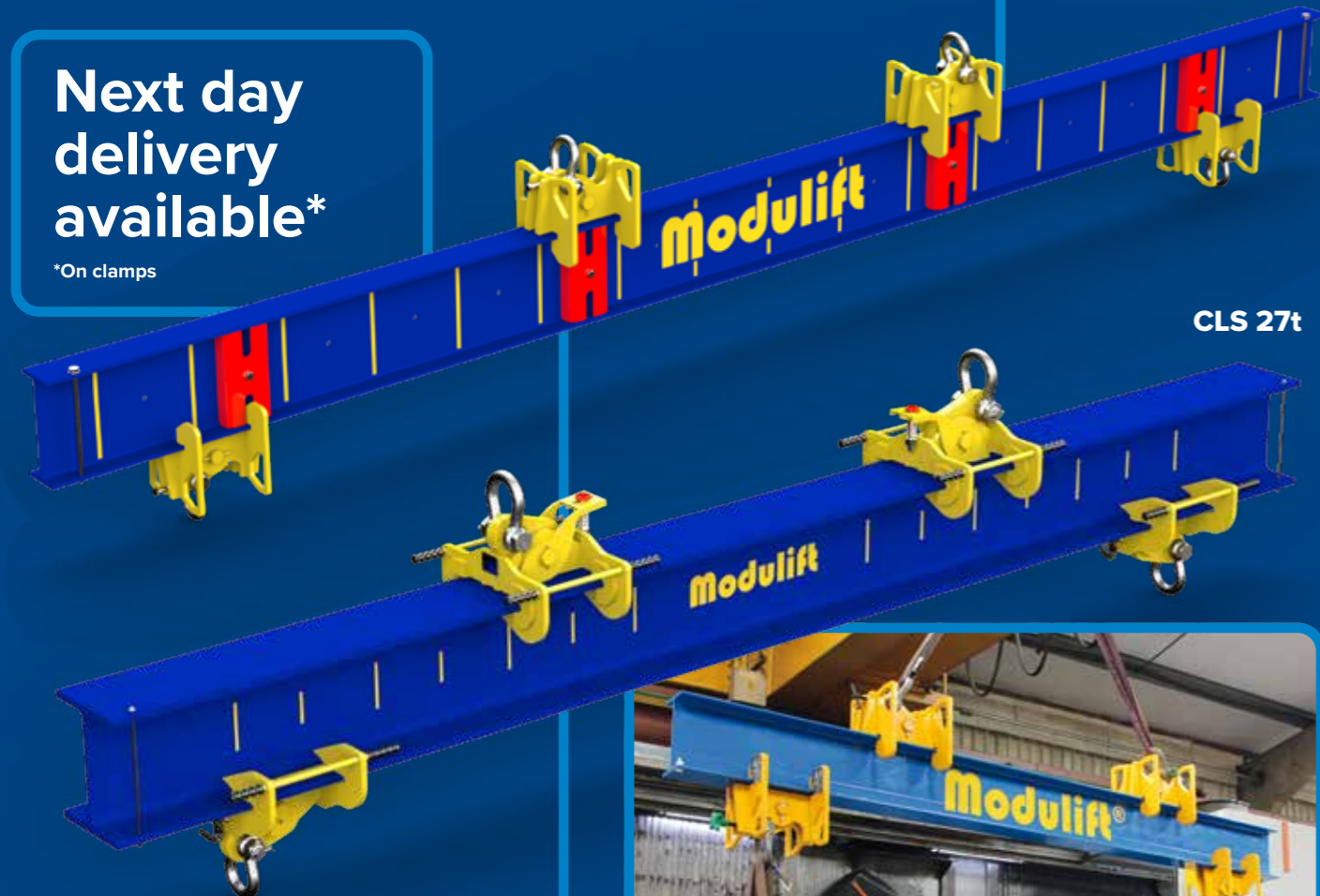
Span up to 16m ↔

8.5t and 27t WLL options 🛒



Next day delivery available*

*On clamps



Easily convert from semi-spreader to lifting beam



Which size CLS? Select the required load and span CLS

CLS 8.5t SWL/tonnes @ 60° BSA / 60° ISA / 30° STV Lifting beam configuration

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

Bottom span (m)	Semi-spreader beam configuration						
	Top span (m)						
	<0.5	1	2	3	4	5	6
	WLL(t)						
<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

CLS 27t light SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

Bottom span (m)	Semi-spreader beam configuration								Lifting beam config. WLL(t)
	Top span (m)								
	<0.8	2	4	6	8	10	12	13	
	WLL(t)								
0	27	27	21	14	9.8	7.1	5.2	4.4	15
1	27	27	27	16	11	7.8	5.6	4.7	15
2	27	27	27	20	12	8.7	6.1	5.1	15
3	27	27	27	25	14	9.8	6.7	5.6	15
4	23	27	27	27	18	11	7.5	6.2	15
5	17	26	27	27	22	13	8.4	6.9	15
6	13	19	27	27	27	15	9.7	7.8	12
7	11	14	25	27	27	20	11	8.9	10
8	9.4	11	18	27	27	27	13	10	8.5
9	7.9	9.8	14	24	27	27	17	12	7.2
10	6.7	8.2	11	17	27	27	23	15	6.2
11	5.7	6.9	9.3	13	23	27	27	21	5.3
12	4.9	5.8	7.7	10	16	27	27	27	4.6
13	4.2	5	6.5	8.7	12	21	27	27	4

CLS 27t heavy SWL/tonnes @ 60° BSA / 60° ISA / 30° STV

Bottom span (m)	Semi-spreader beam configuration									Lifting beam config. WLL(t)
	Top span (m)									
	<0.8	2	4	6	8	10	12	14	16	
	WLL(t)									
0	27	27	27	26	18	14	10	8.1	6.2	14.5
1	27	27	27	27	21	15	11	8.7	6.6	14.5
2	27	27	27	27	24	17	12	9.4	7	14.5
3	27	27	27	27	27	19	13	10	7.5	14.5
4	27	27	27	27	27	22	15	11	8.1	14.5
5	27	27	27	27	27	26	17	12	8.8	14.5
6	26	27	27	27	27	26	20	13	9.6	14.5
7	22	27	27	27	27	26	23	15	10	14.5
8	18	23	27	27	27	26	26	17	11	14.5
9	15	19	26	26	26	26	26	20	13	14
10	13	16	22	26	26	26	26	24	15	12
11	11	14	18	26	26	26	26	26	17	11
12	10	12	15	21	26	26	26	26	21	9.7
13	9.1	10	13	17	25	26	26	26	26	8.6
14	8.1	9.3	11	15	20	26	26	26	26	7.6
15	7.1	8.2	10	12	16	24	26	26	26	6.8
16	6.4	7.2	8.8	11	14	19	26	26	26	6

CUSTOM DESIGN

Engineering + manufacturing service

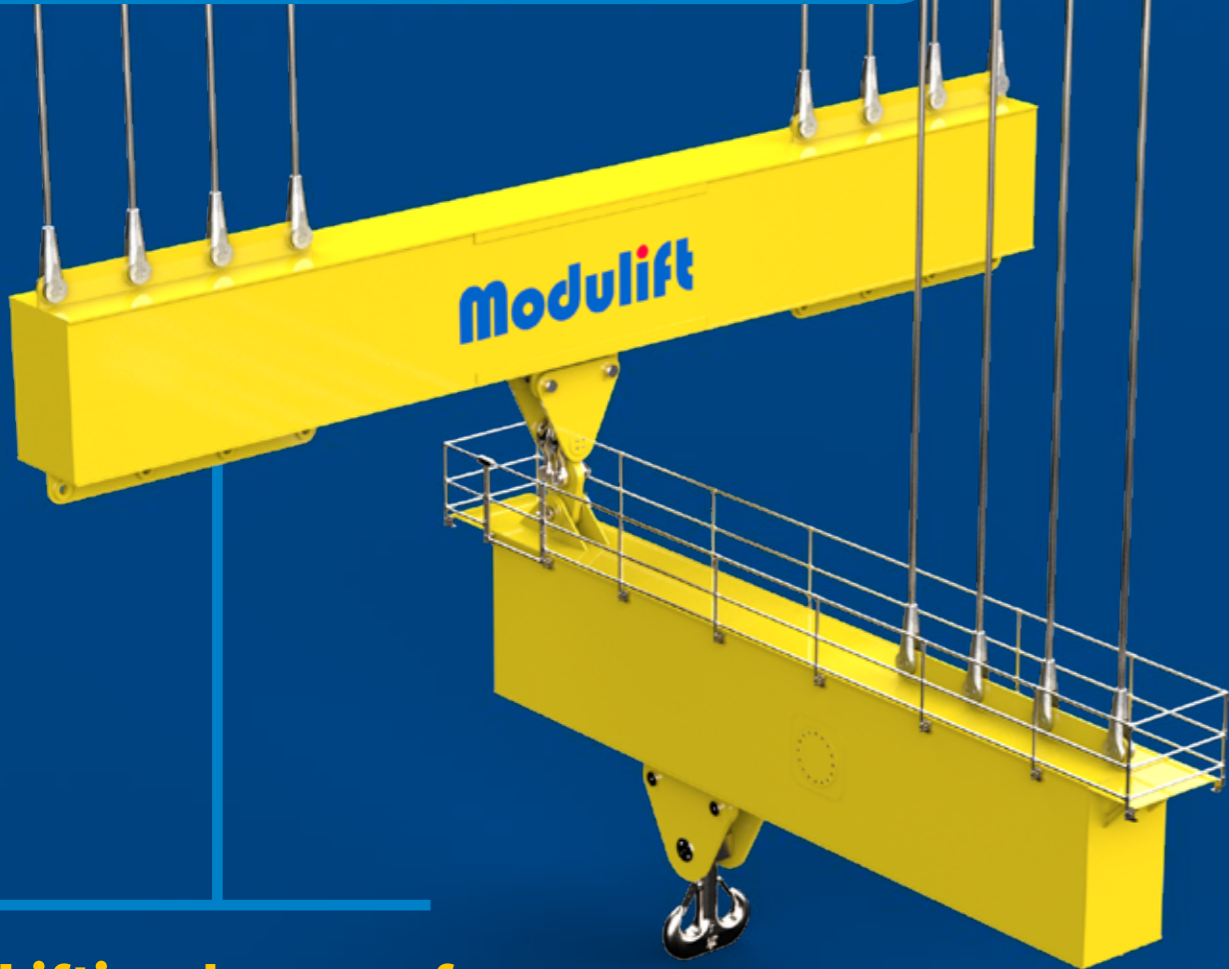
Enhanced QA options:

Proof load testing

DNV design approval

Third party witnessing

FE design analysis



CE
UK
CA

Lifting beams, frames and complex rig design with high level engineering and quality assurance

4 to 6 week turnaround

*Subject to size, design, and production availability

Custom design case studies



Lifting rig Harland & Wolff



Lifting rig Siemens



Lifting frame HS2



Lifting frame Mocean Energy



Subsea spreader beam



Subsea custom beam

Quality Standards + manufacturing

Quality

All products are designed in accordance with the standards listed below:

UK & Europe compliance

- BS EN 13155: Cranes – Safety – Non-fixed load lifting attachments
- DNV Standard for Certification DNV-ST-0378
- MOD® 6 up to MOD® 2000 Type Approved by DNV (spreader beams only)
- LOLER (Lifting Operations and Lifting Equipment Regulations)
- PUWER (Provision and Use of Work Equipment Regulations)
- EC Machinery Directive 2006/42/EC
- BS EN 1993-1-1: Eurocode 3

USA compliance

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

Australian compliance

- AS 4991: Lifting Devices

Worldwide compliance

- ISO 17096: Cranes, Safety, Load Lifting Attachments

DNV type approval

The MOD® spreader beam has DNV type approval up to 2000t capacity, in accordance with DNV Standard for Certification DNV-ST-0378. Third party verification is available. Modulift's spreader beams can be designed to comply with the following:

- DNV: ST_N001 Marine Operations & Marine Warranty
- OSHA CR 29 1926.251
- API RP 2A-WSD

ISO certification

Our manufacturing facility is certified to ISO standards. This certificate is valid for the design, engineering, manufacture and supply of custom and proprietary lifting equipment:

- ISO 9001:2015 – Quality Management System
- ISO14001:2015 – Environmental Management System
- ISO45001:2018 – Occupational Health & Safety Management System

Memberships & accreditations

Modulift is a member of the following associations



Lifting gear

Bedford-based haulage company D&G Noble successfully lifted a cylindrical sign into place using a Modulift CMOD® Spreader Frame at a shopping centre in the city of London. D&G Noble utilised a Modulift CMOD® 12 Spreader Frame with supporting rigging gear below-the-hook of a PALFINGER PK 53002 SH F lorry loader. (1)



Construction

Modulift provided a below-the-hook solution when the height of rigging had to be kept to a minimum, as Rapid Response Solutions (RRS) delivered a modular building to a residential street in Emsworth, Hampshire, UK. (2)



Renewable energy

The rise in renewable energy sources has accelerated demand for Modulift spreader beams to lift turbines, towers and monopiles at onshore and offshore wind farms worldwide. As part of this expansion, global ship operator G2 Ocean deployed a MOD® Spreader Beam to Colombia for the lift of a 63mt Nordex Wind Tower. (3)



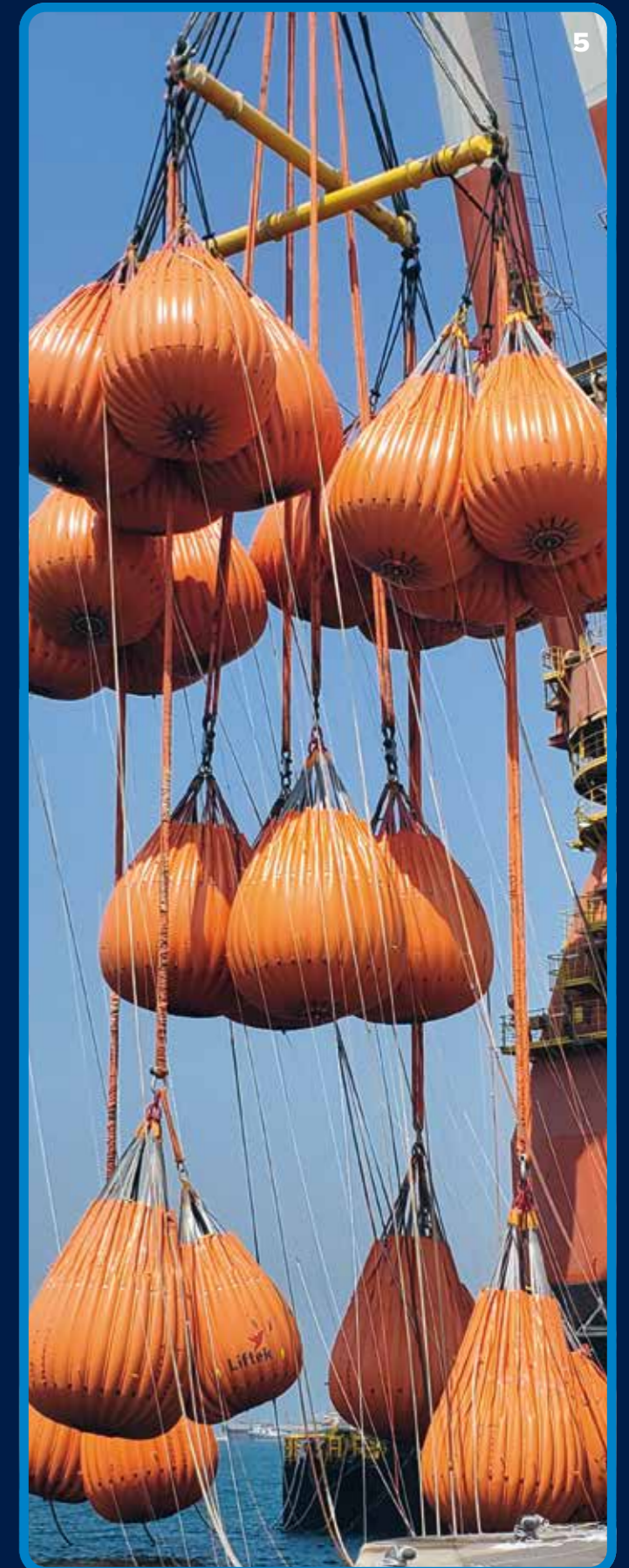
Breakbulk and ports

Modulift supplied a custom below-the-hook solution to lift an 85t load from the dockside onto a vessel at Hyundai Heavy Industries' shipyard in Mipo Bay, Ulsan, Korea. (4)



Cargo, transport and logistics

Our partner Liftek International used two MOD® 1000 spreader beams in a crucifix configuration to perform a 2420 megatonne load test, with each beam lifting an impressive load of 990 tonnes. The remaining load was supported directly by the crane hook. Water bags now available from Modulift, contact sales@modulift.com to find out more. (5)





 ropeandsling.co.uk
LIFTING PRODUCTS AND SERVICES

Modulift
by **pewag**