



Modulift
by **pewag**

**Product
Catalogue**



VANSCOEST

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



Modulift UK Ltd
4 Holton Point, Holton Road
Holton Heath Trading Park, Poole
BH16 6FL, United Kingdom
www.modulift.com



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*

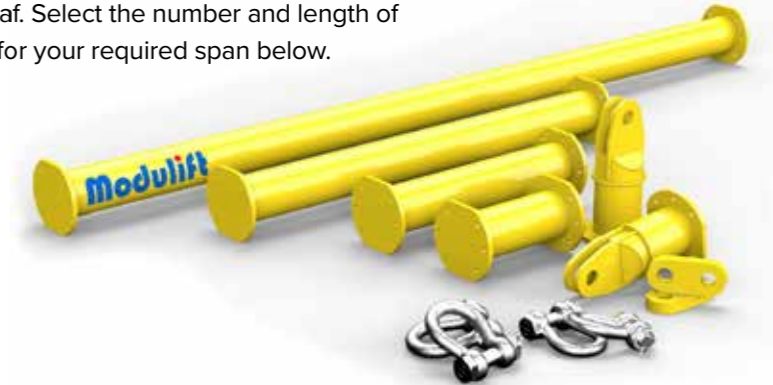
*Subject to Availability

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

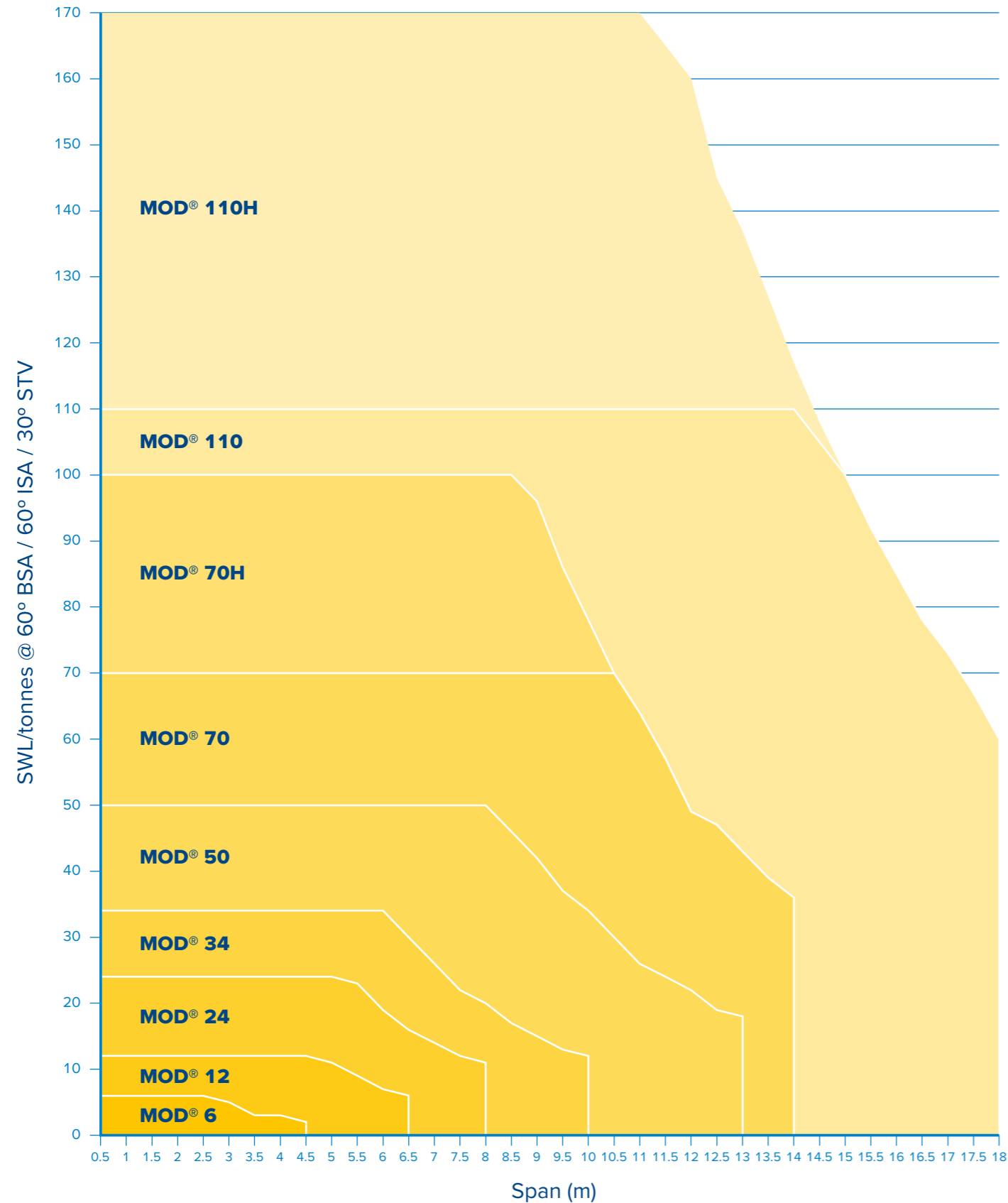
Optional extras



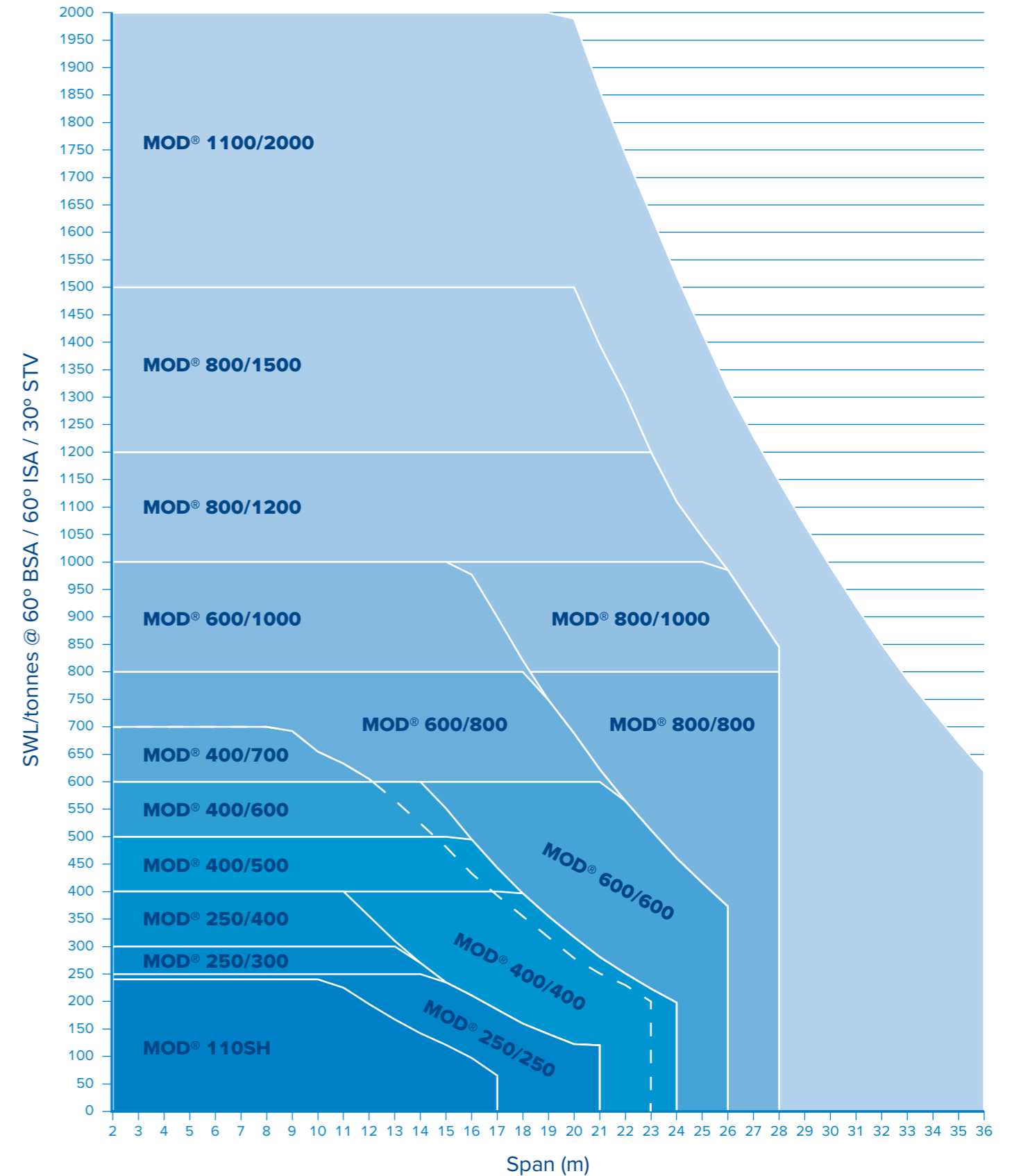
Which size MOD[®] spreader beam?

Select the required load and span

Load v span chart MOD[®] 6 to 110H



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



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

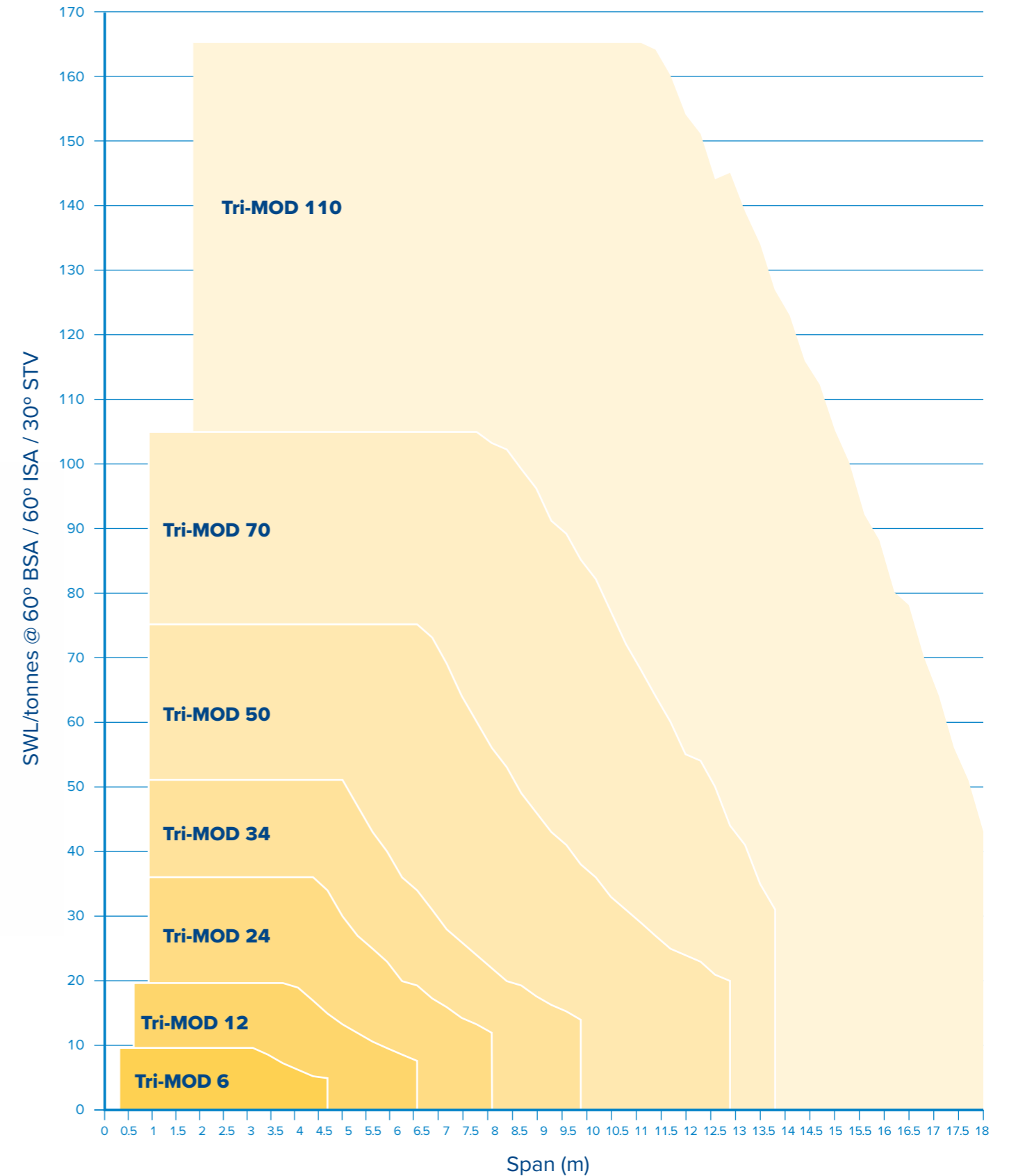


Which size TriMOD?

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 ↔

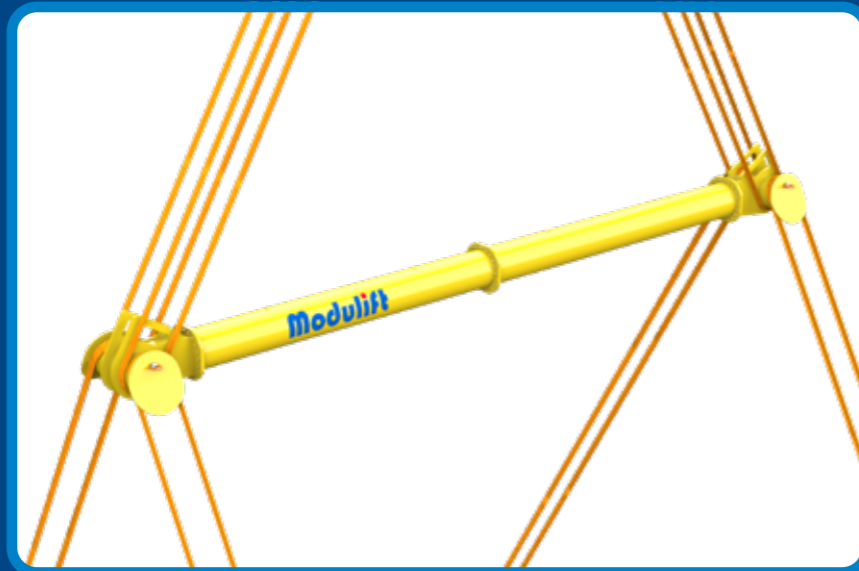
110t to 1000t ⚙️

Compatible with MOD® 110 to 600/1000 spreader beams

TRUNNION end unit

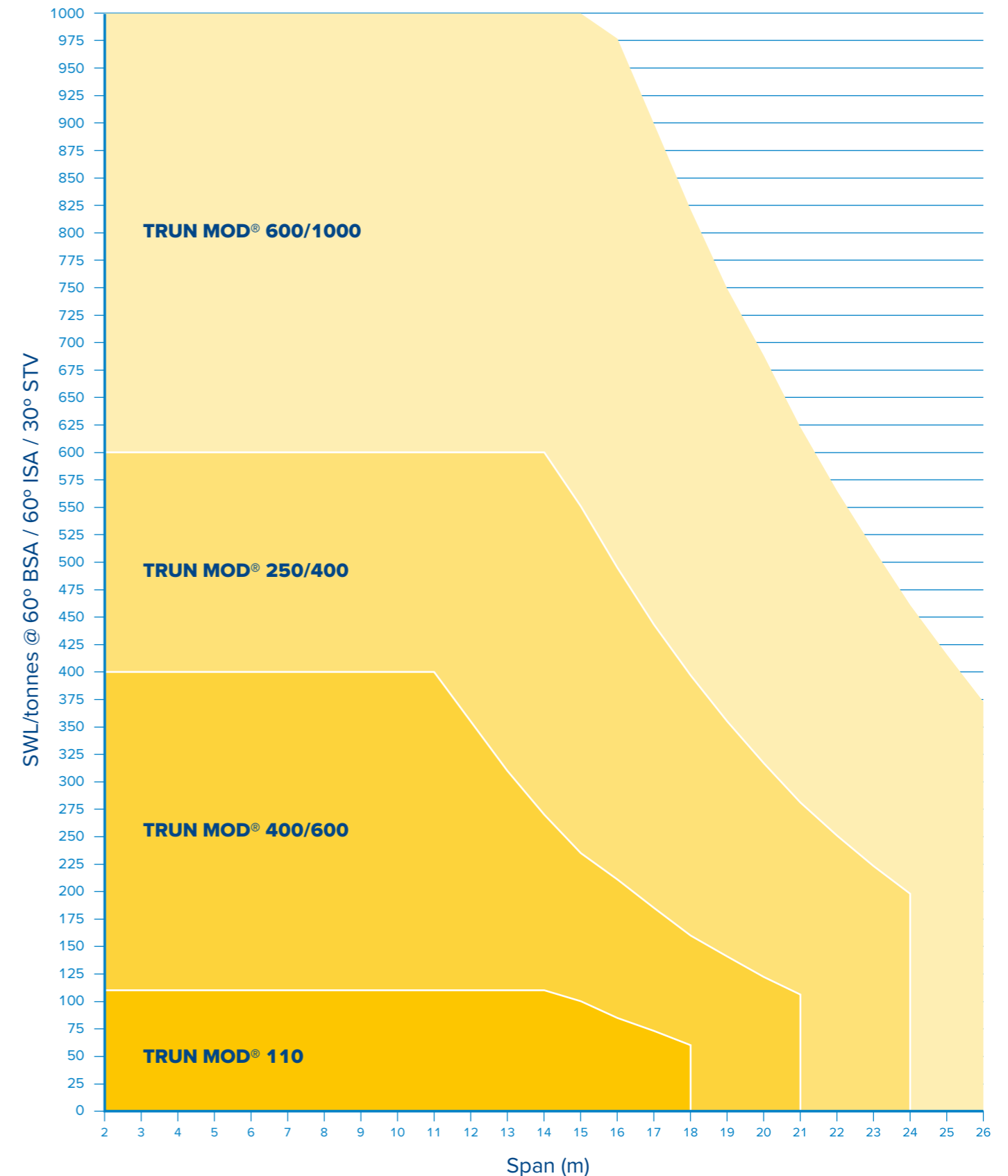


No need for shackles.
Reduce rigging costs by 50%,
and save time on site



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 📏 + 📏

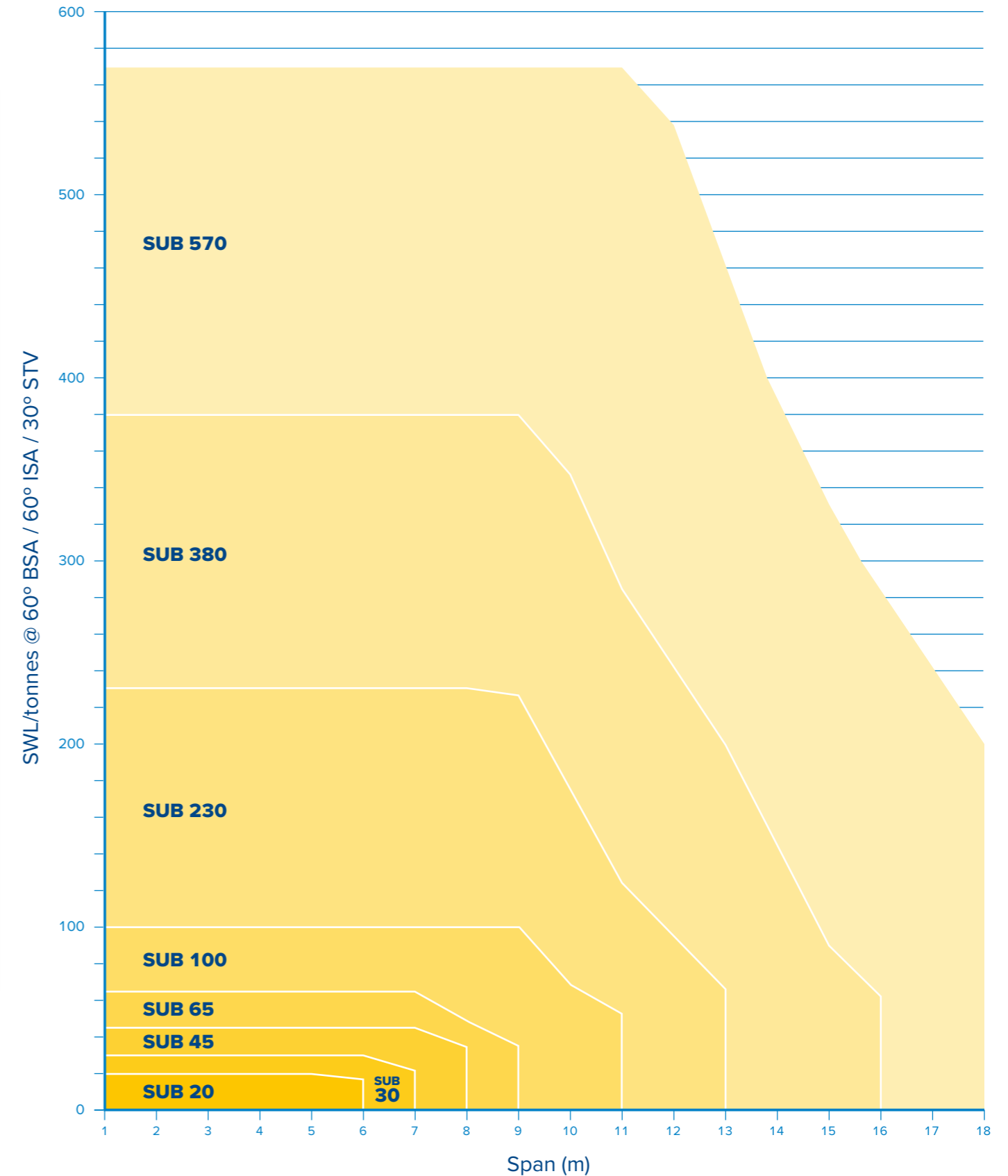
Compatible with ROV shackles

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

CLS

Clamp lifting system with adjustable lifting points

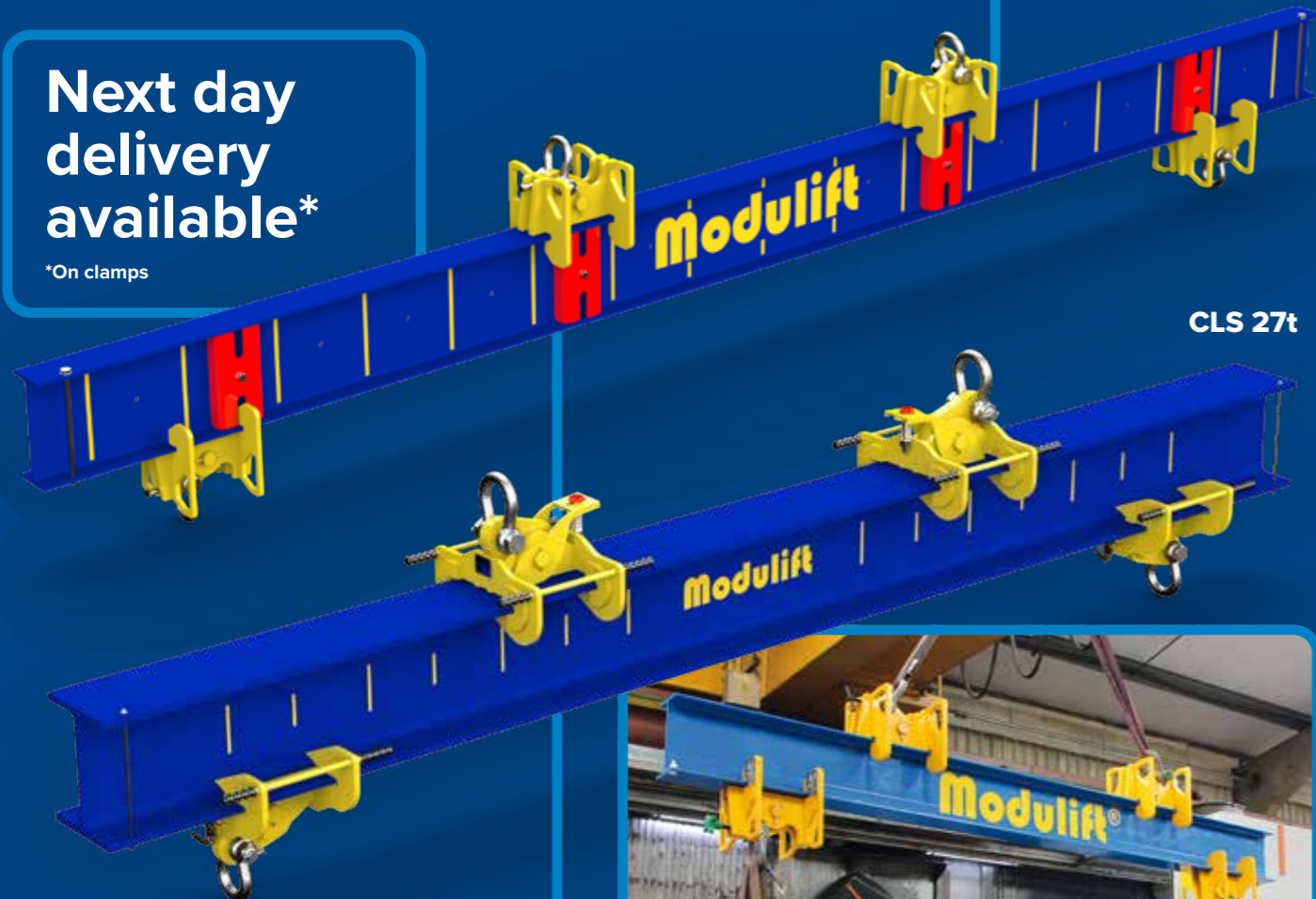
Span up to 16m ↔

8.5t and 27t WLL options 🛒



Next day delivery available*

*On clamps



CLS 8.5t

CLS 27t

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

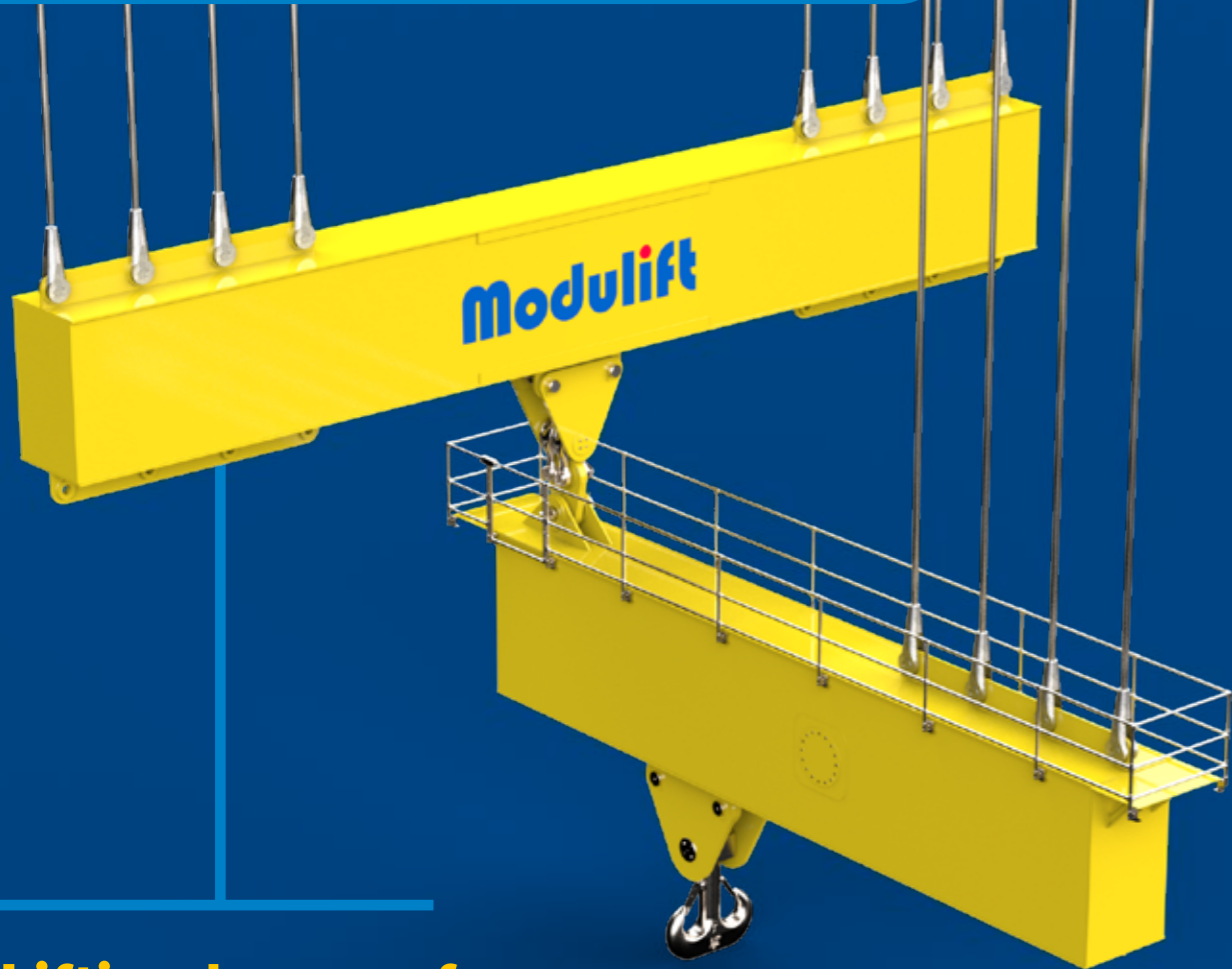
Enhanced QA options:

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

22 Tel. +44 (0)1202 621511 Email sales@modulift.com

Custom design case studies



Lifting rig Harland & Wolff



Lifting rig Siemens



Lifting frame HS2



Lifting frame Mocean Energy



Subsea spreader beam



Subsea custom beam

www.modulift.com 23

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)



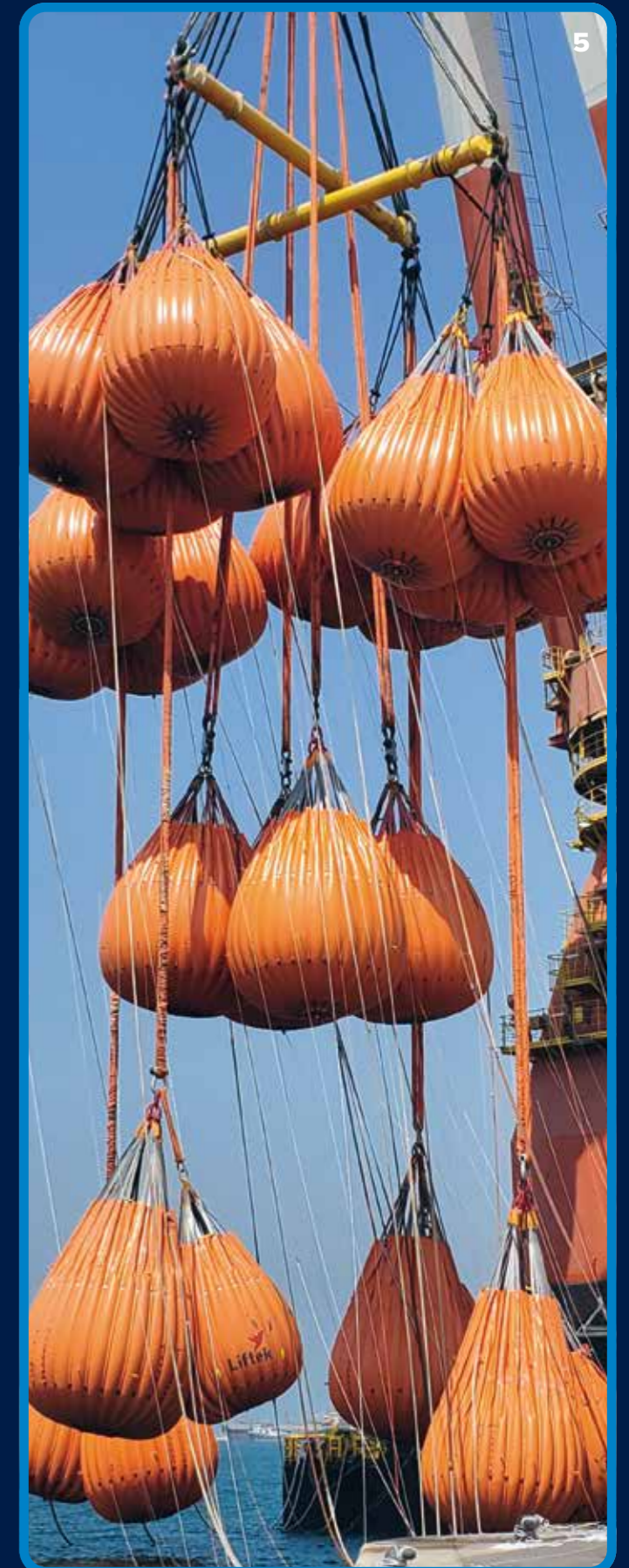
Breakbulk and ports

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)





VAN SOEST

van Soest Tiel B.V.
Morsestraat 17
4004 JP Tiel

www.vansoest-bv.nl
info@vansoest-bv.nl
0344-610607

Modulift
by **pewag**

Modulift UK Ltd
4 Holton Point, Holton Road
Holton Heath Trading Park, Poole
BH16 6FL, United Kingdom
www.modulift.com

GE-UK
© Copyright Modulift. All rights reserved.