



 **TOX** +  **RUD**®

Modular Spreader Beams
Telescopic Spreader Beams
Eco Beams
Machine Movers





The greatest capacity in the market*

VERSATILE, MODULAR AND EASY

With OX spreader beams you have a complete modular range, that allows to assembly on the spot one or multiple spreader beams of 1 to 36 m long and with 9 to 1350 tons capacity.

- Available in stock up to 600 tons for sale.
- The Spreader beam is designed and manufactured in accordance with current norms.
- Reduced size and weight, that eases and reduces transportation, storage and installation costs.
- Easy and fast assembly, following the steps on the instructions manual.
- Economic product, replaces a whole range of spreader and beams.
- It is a modular system, you just have to add or remove sections in order to have a new spreader beam adjusted to your needs for any lifting work.
- For a lifting of multiple anchorage points you can combine spreader beams vertically or form a rectangle with the corners.
- All series can be delivered with shackles.
- Series with huge loads use wide body shackles to avoid any damage on the slings.

* *More capacity than any other manufacturer by model, size and length of our Standard Spreaders and Frame spreaders.*

CERTIFIED QUALITY

OX spreader beams comply with the provisions in the directives of the European Parliament and from the Council 2006/42/CE, on 17th May 2006, regarding the approach of several legislations of the member states on machinery and 2014/30/UE, on 26th February 2014, and it has been manufactured in accordance with the following norms:

- **EN ISO 12100: 2012.** Safety of machinery - General principles for design - Risk assessment and risk reduction.
- **EN 13155:2020.** Cranes. Security, static equipment for lifting loads.
- **EN ISO 3834-2:2022.** Quality requirements for fusion welding of metallic materials.

OX spreader beams have obtained **DNV-GL quality certification, for our Spreader Beams** from 9 tons to 1350 tons of load:

- **Certificates DNV**
 - **DNV GL standard DNVGL-ST-0378**
Standard for offshore and platform lifting appliances
 - **DNV GL standard DNVGL-ST-0377**
Standard for shipboard lifting.



Wide range of accessories

OX spreaders offer a wide range of accessories to configure the spreader you need at any time, whether standard, telescopic, rectangular (frame spreader with corners) in order to reduce lost height, with a conical terminal to reduce the size of the accessories, etc.



END UNIT

Connects the spreader sections to the Drop Links and shackles. For the standard spreaders certified by DNV.



SPECIAL END UNITS

For the intermediate models, where bigger shackles are needed and more capacity for the sections. Example: models 70/110 - 110/170 - 170/250...



SECTION or "STRUT"

Different lengths of sections are needed for a Spreader to be modular and versatile. 6 or 7 units depending on the spreader size can be placed in a complete spreader.



"DROP LINK" (DL) or "Descendant Unit"

Connects the Top Shackles and the Bottom Shackles. It's a free movement piece, allowing the bottom slings to have an angle without modifying the capacity of the spreader).



CONE ADAPTORS

If the length of the spreader is too long and the WLL needed is lower, adding this reducer for the end units, allows you to spend way less in expensive shackles when not needed.



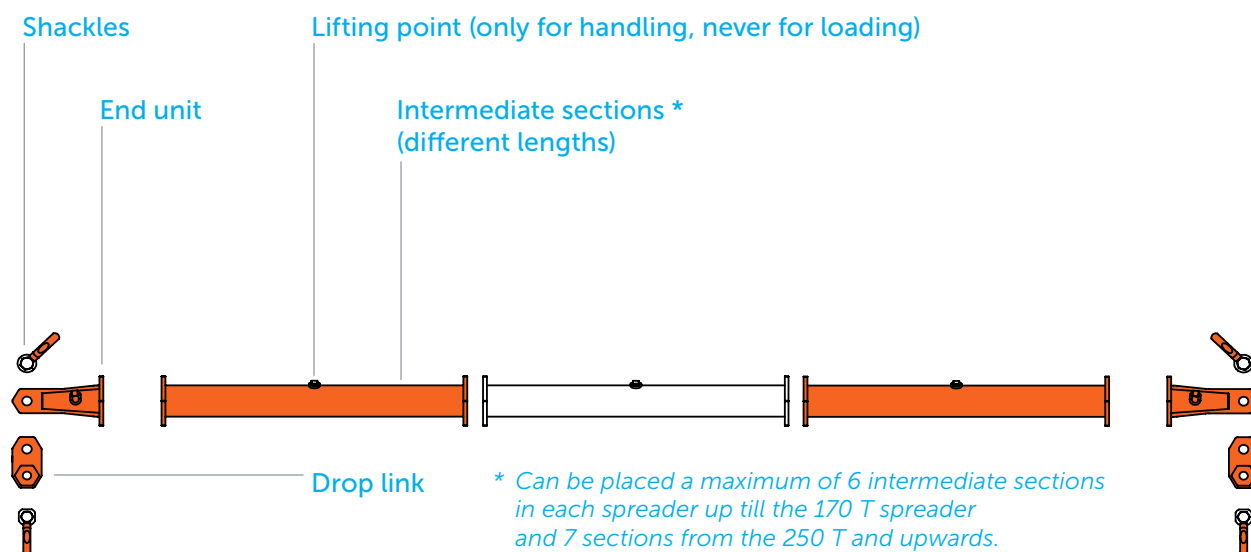
TELESCOPIC SECTION (or TEL. STRUT)

You can place, instead of a normal Strut, a Telescopic Strut, and now your Spreader becomes a "quick change of length" spreader. Changing the length of a spreader in less than 2 minutes? now it's possible.



CORNERS

With this special end units you can mount a frame spreader, losing less total loss height than the spreaders in cascade.



Shackles

MODEL	TOP	BOTTOM
SB-09	6,5 Bow Standard	4,75 Bow Standard
SB-17	12 Bow Standard	8,5 Bow Standard
SB-24	17 Bow Standard	12 Bow Standard
SB-34	25 Bow Standard	17 Bow Standard
SB-50	35 Bow Standard	25 Bow Standard
SB-70	55 Bow Standard	35 Bow Standard
SB-110	85 Bow Standard	55 Bow Standard
SB-110/170	120 Bow Standard	85 Bow Standard
SB-170	120 Bow Standard	85 Bow Standard
SB-170/250	200 Wide body	125 Wide body
SB-250	200 Wide body	125 Wide body
SB-250/400	300 Wide body	200 Wide body
SB-400	300 Wide body	200 Wide body
SB-400/600	400 Wide body	300 Wide body
SB-600	400 Wide body	300 Wide body
SB-600/800	500 Wide body	400 Wide body
SB-800	500 Wide body	400 Wide body
SB-1350	800 Wide body	700 Wide body



BOW SHACKLE



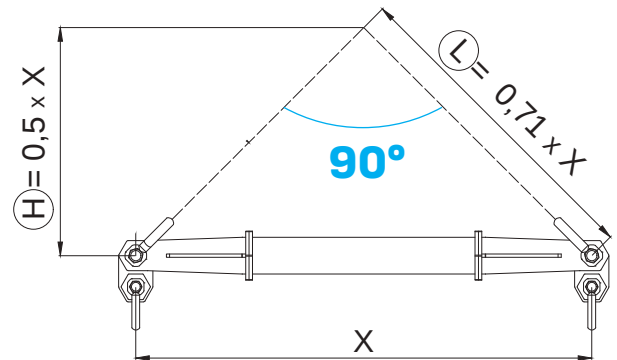
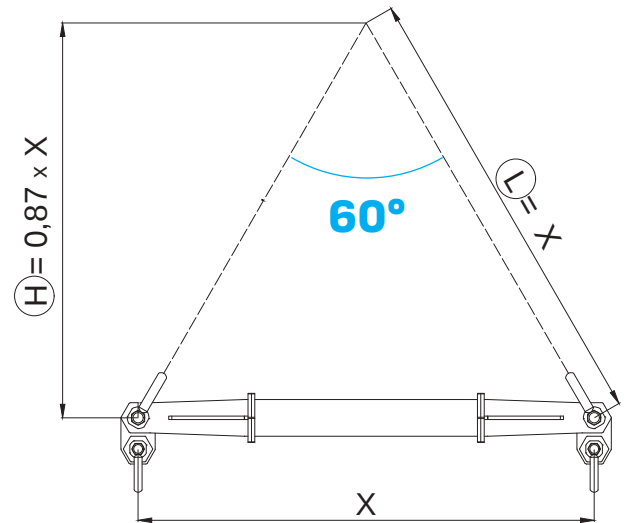
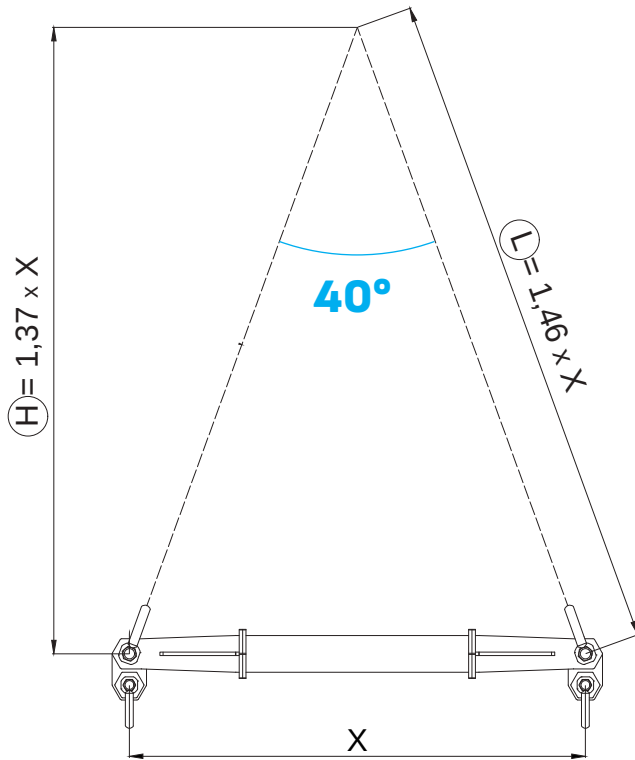
BOW SHACKLE SAFETY PIN



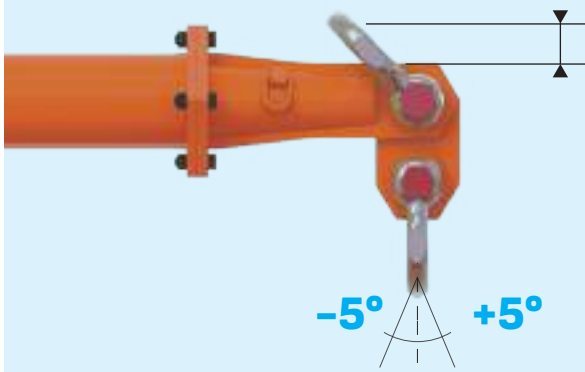
WIDE BODY SHACKLE



Working angles



CAUTION!



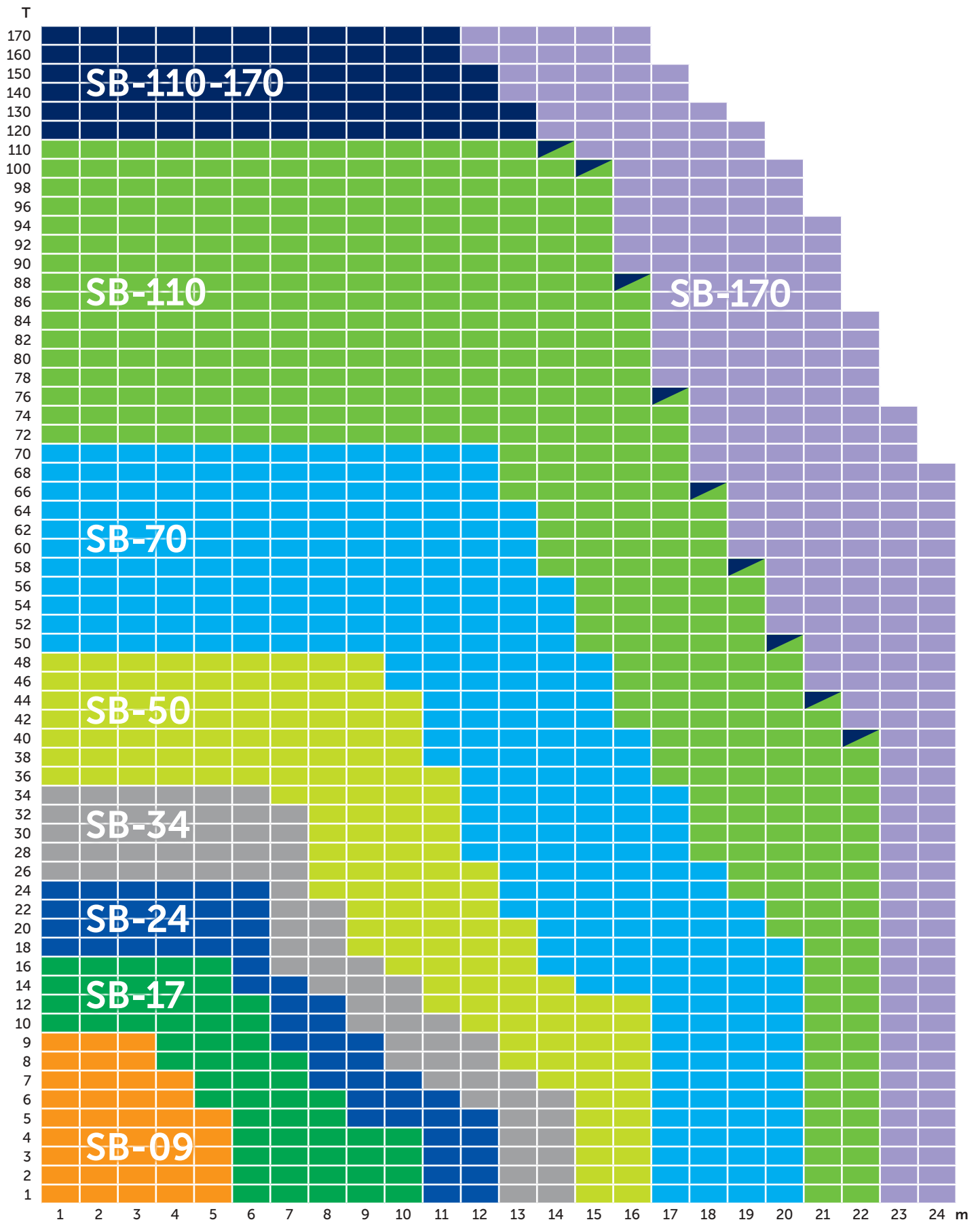
Separation

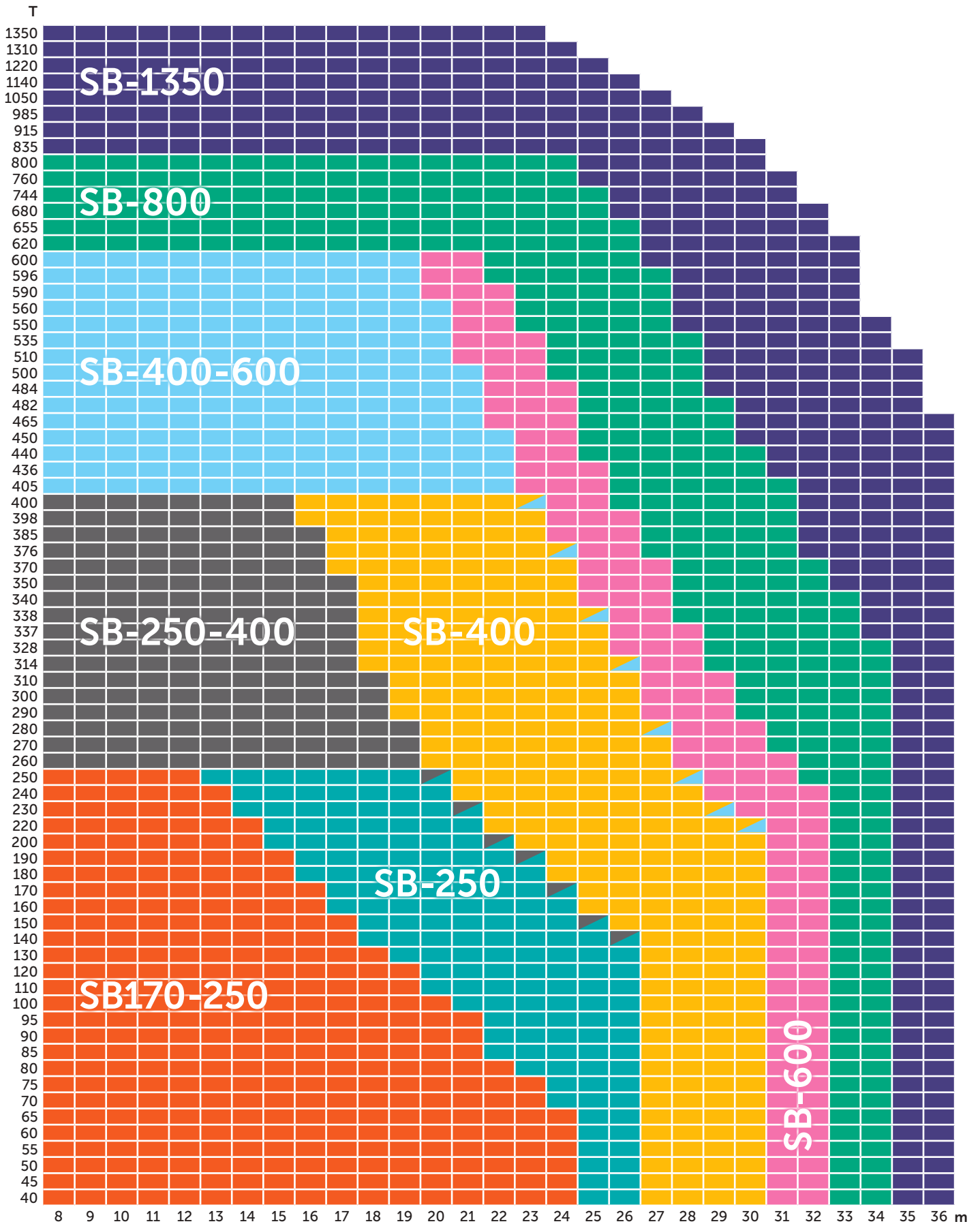
Slings or hooks should never contact the spreader beam.

Bottom Angle

Slings angles in the bottom: never more than 5°.







OX-SB-09

SPAN (m)	0,5	1	2	3	4	5
40° WLL (t)	9	9	9	9	9	8
60° WLL (t)	9	9	9	9	7,6	5,2
90° WLL (t)	9	9	9	7,6	4,6	3

OX-SB-17

SPAN (m)	0,5-4	5	6	7	8	9	10
40° WLL (t)	17	17	17	13	10	7,5	6,6
60° WLL (t)	17	17	12	8	6	4,7	4,2
90° WLL (t)	17	11	7	5	3,8	2,8	2,4

OX-SB-24

SPAN (m)	0,5-4	5	6	7	8	9	10	11	12
40° WLL (t)	24	24	24	24	18	15	12	9	8
60° WLL (t)	24	24	24	15,5	12	9,5	7,5	6	5
90° WLL (t)	24	18	13	9	7	5,5	4,5	3,5	3

OX-SB-34

SPAN (m)	1-5	6	7	8	9	10	11	12	13	14
40° WLL (t)	34	34	34	34	27	22	17,5	14,5	12	10
60° WLL (t)	34	34	33	22	17	14	11	9	7,5	6,5
90° WLL (t)	34	26	20	13	10	8	6,5	5,4	4,5	3,8

OX-SB-50

SPAN (m)	1-7	8	9	10	11	12	13	14	15	16
40° WLL (t)	50	50	50	50	50	46	35	27	25	22
60° WLL (t)	50	50	50	46	38	29	22	17	15	14
90° WLL (t)	50	41	33	27	22	17	13	10	9	8

OX-SB-70

SPAN (m)	1-9	10	11	12	13	14	15	16	17	18	19	20
40° WLL (t)	70	70	70	70	70	70	70	65	57	47	38	33
60° WLL (t)	70	70	70	70	65	57	48	41	36	29	24	21
90° WLL (t)	70	64	54	45	38	33	28	24	21	17	14	12

OX-SB-70/110

SPAN (m)	1-6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
40° WLL (t)	110	110	110	110	110	110	110	103	90	75	65	57	47	38	33
60° WLL (t)	110	110	110	110	110	93	76	65	57	48	41	36	29	24	21
90° WLL (t)	110	98	84	70	64	54	45	38	33	28	24	21	17	14	12

OX-SB-110

SPAN (m)	2-10	11	12	13	14	15	16	17	18	19	20	21	22
40° WLL (t)	110	110	110	110	110	110	110	110	105	92	82	70	63
60° WLL (t)	110	110	110	110	110	100	88	76	67	58	51	45	40
90° WLL (t)	110	105	91	78	67	58	51	44	39	34	30	26	23

OX-SB-110/170

SPAN (m)	2-7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
40° WLL (t)	170	170	170	170	170	170	170	170	155	140	110	105	92	82	70	63
60° WLL (t)	170	170	170	170	170	155	135	110	100	88	76	67	58	51	45	40
90° WLL (t)	170	160	140	110	105	91	78	67	58	51	44	39	34	30	26	23

OX-SB-170

SPAN (m)	2-11	12	13	14	15	16	17	18	19	20	21	22	23	24
40° WLL (t)	170	170	170	170	170	170	170	170	170	170	150	140	120	108
60° WLL (t)	170	170	170	170	170	170	152	134	120	107	95	84	75	68
90° WLL (t)	170	162	144	128	112	100	88	78	70	62	55	49	44	40

OX-SB-170/250

SPAN (m)	2-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
40° WLL (t)	250	250	250	250	250	250	250	250	250	240	210	190	170	150	140	120	108
60° WLL (t)	250	250	250	250	250	240	220	190	170	152	134	120	107	95	84	75	68
90° WLL (t)	250	230	200	170	162	144	128	112	100	88	78	70	62	55	49	44	40

OX-SB-250

SPAN (m)	2-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
20° WLL (t)	250	250	250	250	250	250	250	250	250	240	210	190	170	150	140	120	108
30° WLL (t)	250	250	250	250	250	240	220	190	170	152	134	120	107	95	84	75	68
45° WLL (t)	250	230	200	170	162	144	128	112	100	88	78	70	62	55	49	44	40

OX-SB-250/400

SPAN (m)	2-9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
40° WLL (t)	400	400	400	400	400	400	400	400	400	400	400	400	365	330	300	270	245	225
60° WLL (t)	400	400	400	400	400	400	400	385	350	310	280	250	230	210	190	172	155	140
90° WLL (t)	400	390	365	335	305	275	250	225	203	182	165	148	135	122	110	100	90	82

OX-SB-400

SPAN (m)	2-18	19	20	21	22	23	24	25	26	27	28	29	30
40° WLL (t)	400	400	400	400	400	400	400	400	400	400	400	378	350
60° WLL (t)	400	400	400	400	400	400	376	338	314	285	258	238	220
90° WLL (t)	400	360	325	292	262	235	218	196	182	165	150	138	128

OX-SB-400/600

SPAN (m)	2-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
40° WLL (t)	600	600	600	600	600	600	600	600	600	600	590	530	500	450	400	378	350
60° WLL (t)	600	600	600	600	600	600	560	500	450	400	376	338	314	285	258	238	220
90° WLL (t)	560	550	525	460	400	360	325	292	262	235	218	196	182	165	150	138	128

OX-SB-600

SPAN (m)	3-17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
40° WLL (t)	600	600	600	600	600	600	600	600	600	600	585	535	490	452	415	380
60° WLL (t)	600	600	600	600	600	590	535	484	436	398	370	337	310	285	262	240
90° WLL (t)	560	530	487	432	385	345	310	280	252	230	214	195	180	165	152	140

OX-SB-800

SPAN (m)	3-19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
40° WLL (t)	800	800	800	800	800	800	800	800	800	800	765	700	645	590	545	520
60° WLL (t)	800	800	800	800	800	800	744	655	596	535	482	440	405	370	345	328
90° WLL (t)	700	670	620	578	530	480	430	380	345	310	280	255	235	215	200	190

OX-SB-1350

SPAN (m)	3-18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
40° WLL (t)	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1320	1205	1080	980	870	820	740
60° WLL (t)	1350	1350	1350	1350	1350	1350	1310	1220	1140	1050	985	915	835	760	680	620	550	510	465
90° WLL (t)	1120	1050	1000	940	870	820	760	710	660	610	570	530	485	440	395	360	320	300	270



Fast, versatile and easy customization

The OX-SBT telescopic spreader beam, unique, due to its characteristics, in the european market! With the new OX-SBT Telescopic Spreader Beams, you will reduce the time spent to a minimum by adjusting the useful length of your standard OX spreader. Available from size SB-09 to SB-110. The telescopic sections can be used in combination with our standard sections and end terminals, maintaining the same load capacity and working lengths.

To modify the length with a normal spreader beam you need approximately 30 to 60 minutes, with our new SBT you will only need 2 minutes...

Add the telescopic strut to your actual spreader and done! We can custom manufacture any length less than 4 meters, at the request of the client.

Models, nominal lenghts and tareweight

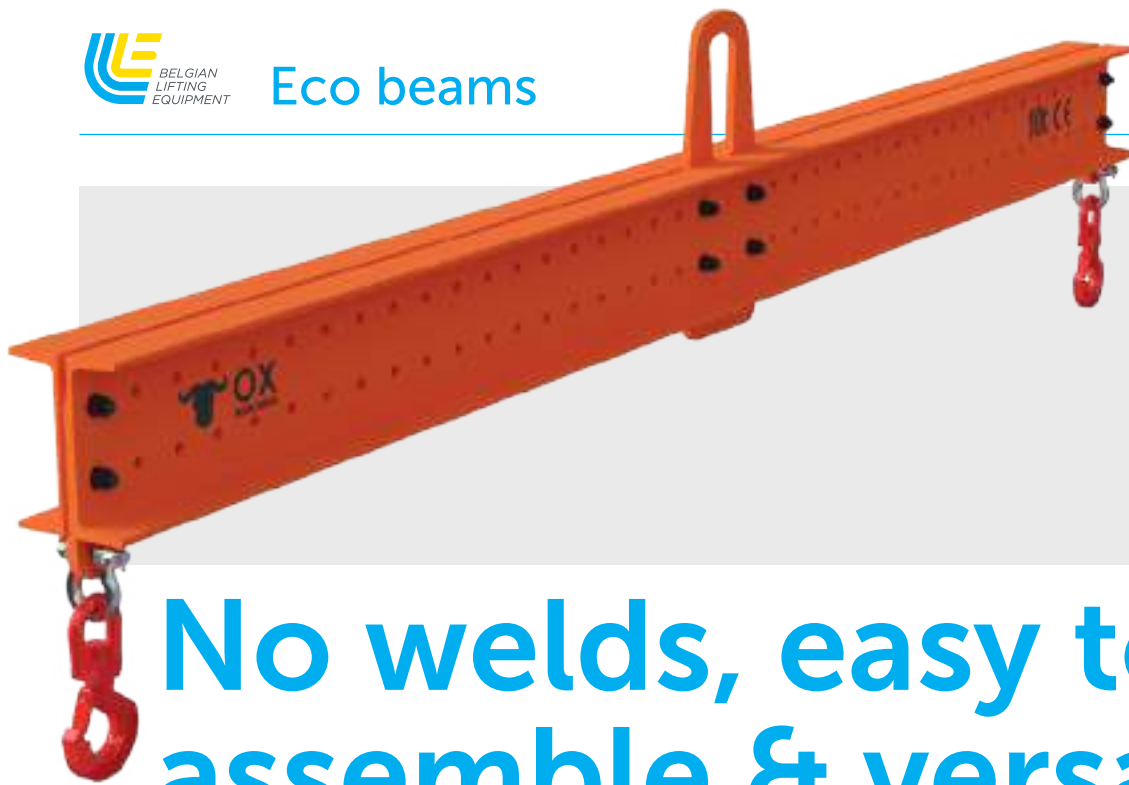


Telescopic beam 1.500mm to 2.500mm (1.000mm of extension each 100mm)

CODE	MODEL	A (mm)	B (mm)	C (mm)	Weight (kg)
80220009R1525	OX SBT 009 1525	1500	2500	100	40,5
80220017R1525	OX SBT 017 1525	1500	2500	100	58
80220024R1525	OX SBT 024 1525	1500	2500	100	85
80220034R1525	OX SBT 034 1525	1500	2500	100	116
80220050R1525	OX SBT 050 1525	1500	2500	100	185
80220070R1525	OX SBT 070 1525	1500	2500	100	256
80220110R1525	OX SBT 110 1525	1500	2500	200	381

Telescopic beam 2.400mm to 4.000mm (1.600mm of extension each 100mm)

CODE	MODEL	A (mm)	B (mm)	C (mm)	Weight (kg)
80220024R2440	OX SBT 024 2440	2400	4000	100	122
80220034R2440	OX SBT 034 2440	2400	4000	100	167
80220050R2440	OX SBT 050 2440	2400	4000	100	266
80220070R2440	OX SBT 070 2440	2400	4000	100	367
80220110R2440	OX SBT 110 2440	2400	4000	200	551



No welds, easy to assemble & versatile

ADJUSTABLE OR FIXED BEAMS

The Eco-Beam is an economical and quickly delivered Lifting Beam, without welds, easy to inspect and modify. All fixed jibs and adjustable accessories are in stock, ranging from 1 to 10 tons of capacity and 1 to 4 meters in length.

Additionally, there are 2 other models available on request for 15 and 20 tons, covering the entire range up to 8 meters in length.

CERTIFIED QUALITY

We comply with the provisions in the Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery and it has been manufactured in accordance with the following norms:

- **EN 13155:2020.** Cranes. Safety. Non-fixed load lifting attachments.
- **EN ISO 12100: 2012.** Safety of machinery - General principles for design - Risk assessment and risk reduction 89/391/CE Health and safety framework directive at work.

Adjustable



Multi-point



Fixed for upper two leg sling





Perfect for moving heavy loads

PRECISION MOVING FOR CONFINED SPACES



The OX Self-Propelled Trolleys are motorized tools for moving heavy loads in confined spaces, ideal when crane access is limited. They include a motorized trolley (models ST, TBC, or MINIFORCE) and rear trolleys (CT) for a stable triangular base, with rubber-coated supports to prevent slippage and a rotating plate for precise, tight turns.

Powered by battery, mains (220V or 380V), or both, certain models have integrated lifts (TBC), while others require cranes or jacks. Controlled via joystick or push-button, these trolleys adjust speed for smooth, safe stops.

Designed for horizontal movement, they manage slight slopes up to 2° with added safety.

For more information, contact our technical team.

MODEL	CAPACITY		POWER SUPPLY				INTEGRATED LIFT (distance)
	Pulling Capacity	Load Capacity	RED	BATTERY			
				Type	Capacity	Autonomy	
MINIFORCE	30 t	15 t	220V Single-phase	48V Lithium	72Ah	300 minutes	NO
ST	60 t	30 t	400V Single-phase	NO	—	—	NO
	100 t	50 t					
	150 t	75 t					
TBC	60 t	30 t	400V Three-phase	24V Lead	180Ah	60 minutes	70 mm
	100 t	50 t					

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MiDi
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BLE NV
Hoeikensstraat 13-15
B-2830 Willebroek
T +32 3 860 00 60
info@ble.be

