

EN

Floating unit operation

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Crawler cranes



0°

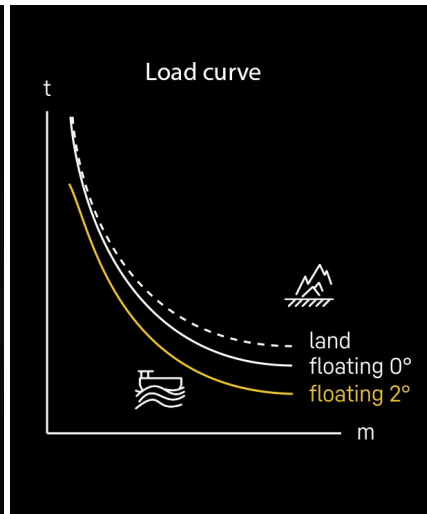
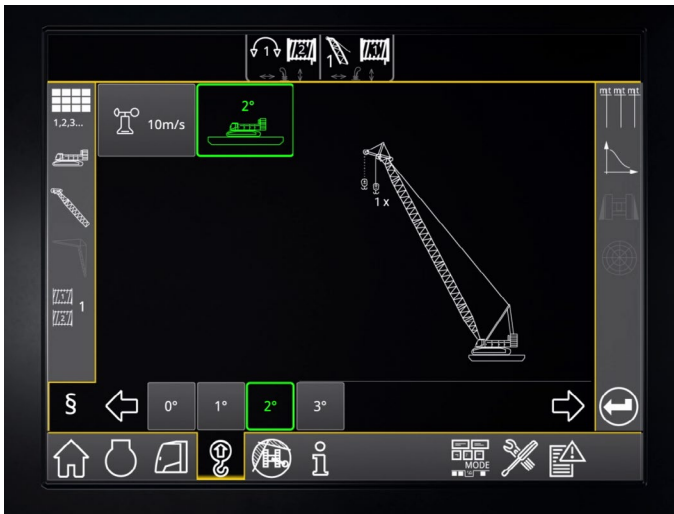
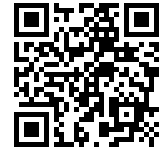
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Characteristics and benefits

The cranes in the LR series are optionally equipped with the "floating unit" mode. The inclination of the floating unit and the associated load curve can be selected by the driver as 0°, 1°, 2° or 3°. The corresponding load moment limitation (lifting capacity and load utilisation as well as lifting capacity limitation are displayed) significantly increases safety on the floating unit during operation. No more tedious handling with paper load charts.



As an example, the crane driver has set the inclination of the floating unit to 2°. The crane control system automatically uses the appropriate lifting capacity.

ESTA Awards 2024: winner of the category "Safety"



The inclination of the floating unit is monitored by the crane control system. Accordingly, the driver is warned if the set inclination angle is exceeded.

Lifting operation with Vertical Line Finder

With the aid of the assistance system "Vertical Line Finder", the driver can recognise and compensate for diagonal pull (side-lead and off-lead) in order to avoid unwanted swaying movements of the load and the associated exceeding of the lifting capacity. This increases safety during operation.



Sensors determine the rope lead-off angle



At the touch of a button, the boom head positions itself above the load's centre of gravity. This prevents diagonal pull and the load can be lifted without swinging.



Pile-tilting device

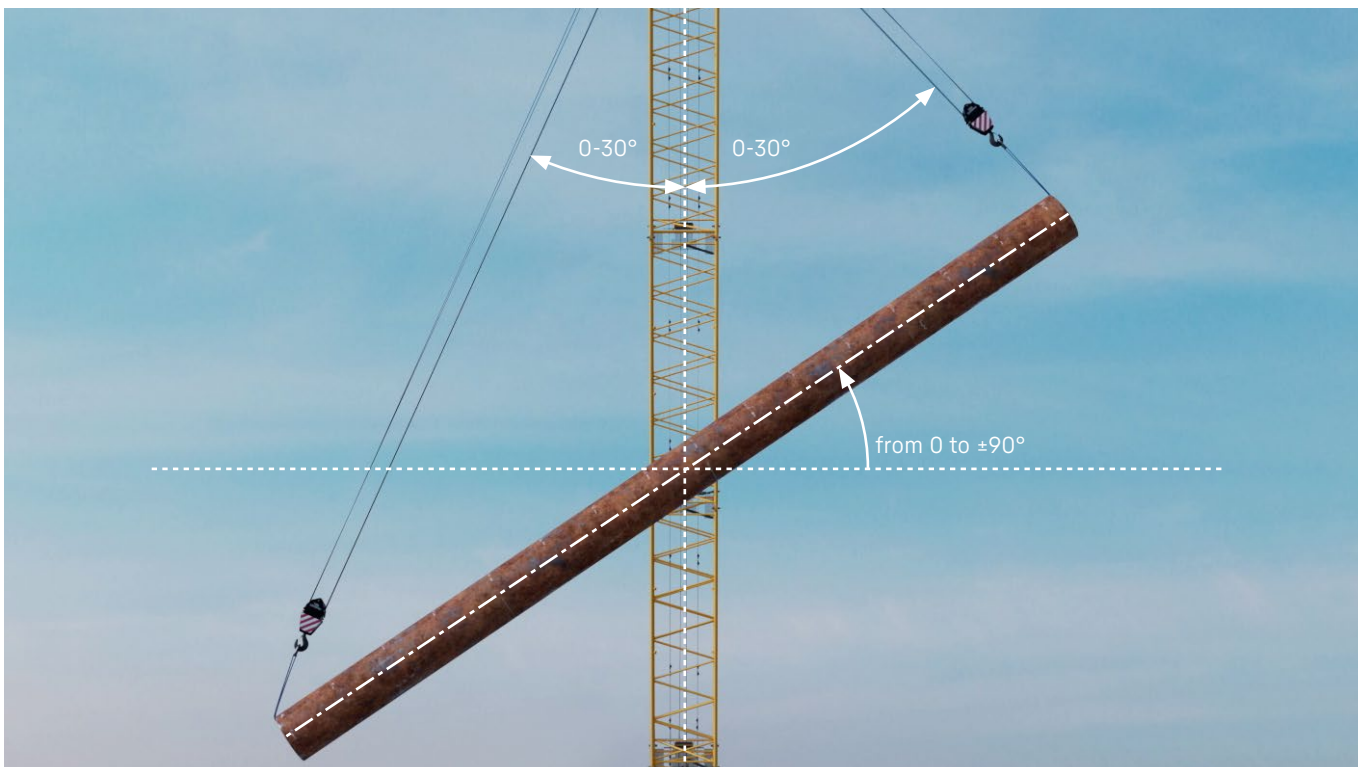
The new pile-tilting device, suitable for the LR 1300.1 SX and LR 1400 SX, enables safe and easy handling of piles with a dead weight of up to 90 t.



The pile-tilting device can be mounted very easily on the boom head.



Optional Off-lead Compensation: At the touch of a button, the diagonal pull in the boom direction and thus the load swing in the boom direction can be avoided.



The pile can be continuously rotated into any position and held there, pile weight max. 90 tonnes.

Notes on the lifting capacities

- The lifting capacities stated are valid for lifting operation only (corresponding with crane classification according to ISO 4301-2, crane group A1).
- The steel structures are calculated according to EN 13001-1; EN 13001-2.
- Stability calculated according to ISO 4305.
- The weight of the lifting device (hook block, hoist ropes, shackle) must be deducted from the lifting capacity.
- Working radii are measured from centre of swing and under the vertically suspended load.
- The lifting capacities are valid for 360 degrees of swing.
- The inclination of the floating unit can be preselected by degrees on the control stand (maximum value 3°) and is monitored by the crane control system.
- The maximum permissible wind speed can be preselected at the control stand and is shown in the load charts.
- Diagonal pull caused by movement of the floating unit or the position of the load is prohibited.
- Crawlers are set to wide track.
- Regulations of classification societies are not considered.
- The floating unit has been approved by a naval architect for operation with the machine.
- For operation on the floating unit, the crane is equipped with its own operating mode with an assigned load moment limiter.
- The floating unit is located in protected waters (rivers, harbours and smaller lakes where the significant wave height SWH is a maximum of 0.5 m or the wave height WH a maximum of 0.7 m).



open water

sheltered water

LR 1100.1 [8503.02]

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 13669693

	Main boom length 14 m				Main boom length 20 m				Main boom length 26 m				Main boom length 32 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
3.3	100.0															
4	90.2	90.2	83.6	75.7	88.7											
5	77.7	73.2	72.9	70.9	73.3	71.1	69.0	63.8	66.0	63.4						
6	64.8	60.6	60.5	60.2	59.9	58.4	56.9	55.5	54.8	53.2	51.6	50.1	50.4	48.7		
7	53.3	51.7	51.6	51.5	50.6	49.4	48.4	47.3	46.7	45.5	44.3	43.2	43.4	42.1	40.8	39.7
8	43.9	43.9	43.9	43.9	43.7	42.8	42.0	41.2	40.7	39.7	38.8	37.9	38.0	37.0	36.0	35.0
9	37.2	37.2	37.2	37.2	37.2	37.2	37.1	36.4	36.0	35.2	34.5	33.8	33.7	32.9	32.1	31.3
10	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	31.6	31.0	30.4	30.3	29.6	28.9	28.3
11	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.3	28.3	28.0	27.6	27.4	26.9	26.3	25.8
12	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.2	25.2	25.2	25.2	25.0	24.6	24.1	23.6
13	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.7	22.7	22.7	22.5	22.5	22.2	21.8
14	20.6	20.6	20.6	20.6	20.7	20.7	20.7	20.7	20.6	20.6	20.6	20.6	20.4	20.4	20.4	20.2
15					18.9	18.9	18.9	18.9	18.8	18.8	18.8	18.8	18.6	18.6	18.6	18.6
16					17.4	17.4	17.4	17.4	17.3	17.3	17.3	17.3	17.1	17.1	17.1	17.1
18					14.9	14.9	14.9	14.9	14.8	14.8	14.8	14.8	14.6	14.6	14.6	14.6
20					13.0	13.0	13.0	13.0	12.9	12.9	12.9	12.9	12.7	12.7	12.7	12.7
22									11.4	11.4	11.4	11.4	11.2	11.2	11.2	11.2
24									10.1	10.1	10.1	10.1	9.9	9.9	9.9	9.9
25									9.6	9.6	9.6	9.6	9.4	9.4	9.4	9.4
26									9.0	9.0	9.0	9.0	8.9	8.9	8.9	8.9
28													8.0	8.0	8.0	8.0
30													7.2	7.2	7.2	7.2
32													6.5	6.5	6.5	6.5
	Main boom length 38 m				Main boom length 44 m				Main boom length 50 m				Main boom length 62 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
6	46.6															
7	40.4	39.0			37.7				20.7							
8	35.6	34.5	33.5	32.5	33.3	32.2	31.3		26.6	26.6						
9	31.7	30.8	30.0	29.2	29.8	28.9	28.0	27.2	24.9	24.9	24.4		13.4			
10	28.6	27.8	27.1	26.4	26.9	26.2	25.4	24.7	23.5	23.5	23.0	21.0	12.5	12.5		
11	25.9	25.3	24.7	24.1	24.5	23.9	23.2	22.6	22.0	22.0	21.4	19.7	11.8	11.8	11.8	
12	23.7	23.2	22.7	22.2	22.4	21.9	21.3	20.8	20.8	20.7	20.1	18.7	11.1	11.1	11.1	11.5
13	21.8	21.4	20.9	20.5	20.7	20.2	19.7	19.2	19.6	19.1	18.6	17.8	10.3	10.3	10.3	10.6
14	20.2	19.8	19.4	19.0	19.1	18.7	18.3	17.8	18.1	17.7	17.2	16.6	9.7	9.7	9.7	9.9
15	18.4	18.4	18.0	17.7	17.8	17.4	17.0	16.6	16.8	16.4	16.0	15.6	9.2	9.2	9.2	9.3
16	16.9	16.9	16.8	16.5	16.6	16.2	15.9	15.5	15.7	15.3	15.0	14.6	8.7	8.7	8.7	8.7
18	14.4	14.4	14.4	14.4	14.2	14.2	14.0	13.7	13.8	13.4	13.2	12.9	7.7	7.7	7.6	7.5
20	12.5	12.5	12.5	12.5	12.2	12.2	12.2	12.2	12.0	11.9	11.7	11.4	6.9	6.9	6.8	6.5
22	11.0	11.0	11.0	11.0	10.7	10.7	10.7	10.7	10.5	10.5	10.4	10.2	6.3	6.2	6.0	5.7
24	9.7	9.7	9.7	9.7	9.5	9.5	9.5	9.5	9.2	9.2	9.2	9.2	5.6	5.4	5.1	4.9
26	8.7	8.7	8.7	8.7	8.4	8.4	8.4	8.4	8.2	8.2	8.2	8.2	5.1	4.6	4.4	4.2
28	7.8	7.8	7.8	7.8	7.6	7.6	7.6	7.6	7.3	7.3	7.3	7.3	4.6	3.9	3.7	3.6
30	7.0	7.0	7.0	7.0	6.8	6.8	6.8	6.8	6.5	6.5	6.5	6.5	4.2	3.4	3.2	3.1
32	6.4	6.4	6.4	6.4	6.1	6.1	6.1	6.1	5.9	5.9	5.9	5.9	4.0	3.1	2.9	2.8
34	5.8	5.8	5.8	5.8	5.5	5.5	5.5	5.5	5.3	5.3	5.3	5.3	3.9	2.8	2.6	2.5
36	5.2	5.2	5.2	5.2	5.0	5.0	5.0	5.0	4.8	4.8	4.8	4.8	3.7	2.5	2.4	2.3
38	4.8	4.8	4.8	4.8	4.6	4.6	4.6	4.6	4.3	4.3	4.3	4.3	3.6	2.2	2.1	2.1
40					4.2	4.2	4.2	4.2	3.9	3.9	3.9	3.9	3.4	2.0		
44					3.4	3.4	3.4	3.4	3.2	3.2	3.2	3.2	2.7			
45									3.0	3.0	3.0	3.0	2.5			
46									2.9	2.9	2.9	2.9	2.4			
48									2.6	2.6	2.6	2.6	2.1			
50																

Carbody counterweight: 19.2 t with 900 mm flat track pads

Rear counterweight:

26.3 t 29.3 t 32.3 t

LR 1110 [1001.02]

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 11943069

	Main boom length 14 m				Main boom length 17 m				Main boom length 20 m				Main boom length 23 m				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
Radius [m]	2.5	115.5															
	3	115.5	115.5	108.6		115.5	110.3		97.3	85.4			92.2				
	4	115.5	113.1	105.9	85.9	110.4	106.5	100.3	93.1	96.2	85.4	84.7	78.0	91.7	86.7	81.2	74.8
	5	89.7	87.5	85.3	83.3	84.4	82.1	79.8	77.7	79.8	77.3	75.0	72.8	75.6	73.1	70.7	68.5
	6	71.8	70.3	68.9	67.5	68.2	66.6	65.1	63.6	65.0	63.4	61.8	60.2	62.1	60.4	58.7	57.1
	7	57.8	57.8	57.7	56.7	57.1	56.0	54.9	53.8	54.8	53.6	52.4	51.3	52.6	51.3	50.1	48.9
	8	47.5	47.5	47.5	47.5	47.5	47.5	47.4	46.6	47.2	46.3	45.4	44.5	45.5	44.5	43.6	42.6
	9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.0	39.3	40.0	39.2	38.5	37.8
	10	34.8	34.8	34.8	34.8	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.6	34.6	34.4	33.8
	11	30.6	30.6	30.6	30.6	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.4	30.4	30.4	30.4
	12	27.2	27.2	27.2	27.2	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.0	27.0	27.0	27.0
	13	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.3	24.3	24.3	24.3
	14	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.0	22.0	22.0	22.0
	15					20.2	20.2	20.2	20.2	20.1	20.1	20.1	20.1	20.0	20.0	20.0	20.0
	16					18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.4	18.4	18.4	18.4
	18									15.8	15.8	15.8	15.8	15.7	15.7	15.7	15.7
	20									13.7	13.7	13.7	13.7	13.6	13.6	13.6	13.6
	22													12.0	12.0	12.0	12.0
Radius [m]		Main boom length 26 m				Main boom length 29 m				Main boom length 32 m				Main boom length 35 m			
		0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
	3	86.3				82.0											
	4	86.3	86.3	76.1		82.0	81.2	71.6		70.8	70.3			61.6	61.6		
	5	71.8	69.3	66.9	62.0	68.3	65.8	63.4	58.4	65.1	62.6	58.8	50.5	60.8	59.7	54.2	44.8
	6	59.5	57.7	56.0	54.4	57.0	55.1	53.4	51.8	54.6	52.8	51.0	47.7	52.5	50.6	48.8	42.6
	7	50.6	49.3	48.0	46.8	48.7	47.3	46.0	44.8	46.9	45.5	44.2	42.9	45.2	43.8	42.4	40.0
	8	44.0	42.9	42.0	41.0	42.5	41.4	40.4	39.4	41.0	39.9	38.9	37.8	39.7	38.5	37.4	36.4
	9	38.8	38.0	37.2	36.4	37.6	36.7	35.8	35.0	36.4	35.5	34.6	33.8	35.2	34.3	33.4	32.6
	10	34.6	34.0	33.3	32.7	33.6	32.9	32.2	31.5	32.6	31.9	31.2	30.5	31.6	30.9	30.1	29.4
	11	30.4	30.4	30.2	29.6	30.3	29.8	29.2	28.6	29.5	28.9	28.3	27.7	28.6	28.0	27.4	26.8
	12	27.0	27.0	27.0	27.0	26.9	26.9	26.6	26.1	26.8	26.3	25.8	25.3	26.1	25.6	25.0	24.5
	13	24.3	24.3	24.3	24.3	24.2	24.2	24.2	24.0	24.1	24.1	23.7	23.3	24.0	23.5	23.0	22.6
	14	22.0	22.0	22.0	22.0	21.9	21.9	21.9	21.9	21.8	21.8	21.8	21.6	21.7	21.7	21.3	20.9
	15	20.0	20.0	20.0	20.0	19.9	19.9	19.9	19.9	19.8	19.8	19.8	19.8	19.7	19.7	19.7	19.4
	16	18.4	18.4	18.4	18.4	18.3	18.3	18.3	18.3	18.2	18.2	18.2	18.2	18.1	18.1	18.1	18.1
	18	15.7	15.7	15.7	15.7	15.6	15.6	15.6	15.6	15.5	15.5	15.5	15.5	15.4	15.4	15.4	15.4
	20	13.6	13.6	13.6	13.6	13.5	13.5	13.5	13.5	13.4	13.4	13.4	13.4	13.3	13.3	13.3	13.3
22	12.0	12.0	12.0	12.0	11.9	11.9	11.9	11.9	11.8	11.8	11.8	11.8	11.6	11.6	11.6	11.6	
24	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.5	10.4	10.4	10.4	10.4	10.3	10.3	10.3	10.3	
25	10.0	10.0	10.0	10.0	9.9	9.9	9.9	9.9	9.8	9.8	9.8	9.8	9.7	9.7	9.7	9.7	
26	9.4	9.4	9.4	9.4	9.3	9.3	9.3	9.3	9.2	9.2	9.2	9.2	9.1	9.1	9.1	9.1	
28					8.4	8.4	8.4	8.4	8.3	8.3	8.3	8.3	8.2	8.2	8.2	8.2	
30									7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.3	
32									6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.6	
34													6.0	6.0	6.0	6.0	
35													5.6	5.6	5.6	5.6	

Carbody counterweight: 17.5 t with 900mm flat track pads

Rear counterweight:

34.0 t

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 11943069

Radius [m]	Main boom length 38 m				Main boom length 41 m				Main boom length 44 m				Main boom length 47 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
4	53.5	53.5			48.3				41.9				40.8			
5	53.5	53.5	44.4		48.3	48.3	39.8		41.9	41.9	35.9		40.8	40.8		
6	50.5	48.6	42.3	36.3	46.1	46.1	38.3	33.1	40.8	40.8	35.1	30.5	40.6	40.6	36.9	
7	43.7	42.2	40.3	34.7	42.2	40.7	36.5	31.6	39.0	39.0	33.2	29.0	39.3	37.9	35.9	30.0
8	38.4	37.3	36.2	33.1	37.2	36.0	34.3	29.9	36.0	34.8	31.3	26.4	34.9	33.7	32.5	29.2
9	34.2	33.3	32.3	31.5	33.2	32.2	31.3	28.6	32.2	31.2	29.5	24.1	31.2	30.2	29.3	28.0
10	30.8	30.0	29.2	28.5	29.9	29.0	28.3	27.0	29.0	28.2	27.4	22.3	28.2	27.3	26.5	25.7
11	27.9	27.2	26.6	25.9	27.1	26.4	25.8	24.8	26.4	25.7	25.0	21.0	25.6	24.9	24.2	23.5
12	25.5	24.9	24.3	23.8	24.8	24.2	23.6	22.9	24.1	23.5	22.9	19.9	23.4	22.8	22.2	21.6
13	23.4	22.9	22.4	21.9	22.8	22.2	21.7	21.2	22.2	21.6	21.1	18.9	21.6	21.0	20.5	20.0
14	21.6	21.1	20.7	20.3	21.0	20.5	20.1	19.7	20.5	20.0	19.5	18.2	19.9	19.4	19.0	18.5
15	19.7	19.6	19.2	18.9	19.5	19.1	18.7	18.3	19.0	18.6	18.1	17.4	18.5	18.0	17.6	17.2
16	18.0	18.0	17.9	17.6	17.9	17.7	17.4	17.0	17.6	17.3	16.9	16.6	17.2	16.8	16.4	16.0
18	15.3	15.3	15.3	15.3	15.2	15.2	15.2	15.0	15.1	15.1	14.8	14.5	15.0	14.7	14.4	14.1
20	13.2	13.2	13.2	13.2	13.1	13.1	13.1	13.1	13.0	13.0	13.0	12.8	12.8	12.8	12.7	12.4
22	11.6	11.6	11.6	11.6	11.5	11.5	11.5	11.5	11.4	11.4	11.4	11.4	11.2	11.2	11.2	11.1
24	10.2	10.2	10.2	10.2	10.1	10.1	10.1	10.1	10.0	10.0	10.0	10.0	9.8	9.8	9.8	9.8
26	9.1	9.1	9.1	9.1	8.9	8.9	8.9	8.9	8.8	8.8	8.8	8.8	8.7	8.7	8.7	8.7
28	8.1	8.1	8.1	8.1	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.9	7.7	7.7	7.7	7.7
30	7.3	7.3	7.3	7.3	7.1	7.1	7.1	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.9
32	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2
34	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.5	5.5	5.5	5.5
36	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0
38	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5
40					4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.0	4.0	4.0	4.0
42									3.8	3.8	3.8	3.8	3.6	3.6	3.6	3.6
44									3.4	3.4	3.4	3.4	3.2	3.2	3.2	3.2
46													2.9	2.9	2.9	2.9
Radius [m]	Main boom length 53 m				Main boom length 59 m				Main boom length 65 m				Main boom length 71 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
4	30.7				24.5											
5	30.7	30.7			24.5				19.3				16.2			
6	30.7	30.7	27.2		24.5	22.7			19.3	19.3			16.2	15.4		
7	30.0	30.0	25.9	21.1	24.4	22.6	19.7		19.3	19.3	16.9		16.2	15.4	13.4	
8	29.2	29.2	24.1	20.6	23.6	21.9	19.0	16.6	18.9	18.9	16.6	14.4	16.1	15.4	13.4	
9	28.4	28.4	23.3	20.2	23.0	21.4	18.6	16.3	18.4	18.4	16.4	14.2	15.6	15.0	13.0	11.5
10	26.6	25.8	22.8	19.7	22.2	20.9	18.1	15.8	18.0	18.0	16.1	14.0	15.1	14.8	12.8	11.3
11	24.3	23.5	22.4	19.4	21.5	20.3	17.6	15.4	17.6	17.6	15.8	13.7	14.7	14.5	12.5	11.1
12	22.2	21.6	20.9	19.0	21.0	19.9	17.2	15.0	17.1	17.1	15.6	13.5	14.3	14.1	12.3	10.8
14	18.9	18.4	17.9	17.4	17.9	17.4	16.3	14.4	16.5	16.4	15.2	13.2	13.6	13.5	12.0	10.4
16	16.3	15.9	15.5	15.1	15.4	15.0	14.6	13.8	14.6	14.2	13.7	12.4	13.0	12.9	11.7	10.1
18	14.2	13.9	13.6	13.2	13.4	13.1	12.8	12.4	12.7	12.4	12.1	11.7	12.0	11.6	11.0	9.7
20	12.5	12.2	12.0	11.8	11.9	11.6	11.3	11.0	11.2	10.9	10.6	10.3	10.6	10.2	9.9	9.4
22	11.0	10.9	10.7	10.4	10.5	10.3	10.0	9.8	9.9	9.6	9.4	9.1	9.3	9.0	8.7	8.5
24	9.6	9.6	9.5	9.3	9.3	9.1	8.9	8.7	8.8	8.5	8.3	8.1	8.2	8.0	7.7	7.5
26	8.5	8.5	8.5	8.4	8.2	8.1	8.0	7.8	7.8	7.6	7.4	7.2	7.2	7.0	6.8	6.6
28	7.5	7.5	7.5	7.5	7.3	7.3	7.1	7.0	6.9	6.8	6.6	6.4	6.4	6.2	6.0	5.9
30	6.7	6.7	6.7	6.7	6.4	6.4	6.4	6.2	6.2	6.0	5.9	5.7	5.7	5.5	5.4	5.2
32	6.0	6.0	6.0	6.0	5.7	5.7	5.7	5.6	5.5	5.4	5.2	5.1	5.0	4.9	4.7	4.6
34	5.3	5.3	5.3	5.3	5.1	5.1	5.1	5.0	4.8	4.8	4.7	4.6	4.4	4.3	4.2	4.1
36	4.8	4.8	4.8	4.8	4.5	4.5	4.5	4.5	4.3	4.3	4.2	4.1	3.9	3.8	3.7	3.6
38	4.3	4.3	4.3	4.3	4.0	4.0	4.0	4.0	3.8	3.8	3.7	3.6	3.4	3.4	3.2	3.2
40	3.8	3.8	3.8	3.8	3.6	3.6	3.6	3.6	3.3	3.3	3.3	3.2	3.0	2.9	2.8	2.8
42	3.4	3.4	3.4	3.4	3.2	3.2	3.2	3.2	2.9	2.9	2.9	2.8	2.6	2.6	2.5	2.4
44	3.0	3.0	3.0	3.0	2.8	2.8	2.8	2.8	2.6	2.6	2.6	2.5	2.3	2.2	2.1	2.0
46	2.7	2.7	2.7	2.7	2.4	2.4	2.4	2.4	2.2	2.2	2.2	2.2				
48	2.4	2.4	2.4	2.4	2.2	2.2	2.2	2.2								
50	2.1	2.1	2.1	2.1												

LR 1130.1 [1002.04]

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 11962137

	Main boom length 17 m				Main boom length 20 m				Main boom length 23 m				Main boom length 26 m				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
Radius [m]	2.8	137.2															
	3	137.2			137.2				131.1								
	4	137.2	119.3	111.4	99.5	137.2	106.2	97.5	86.7	131.1	104.0	90.4		119.2	97.3	24.0	
	5	116.9	108.3	104.4	86.4	114.3	99.6	89.9	76.0	112.7	99.2	79.6	75.2	107.8	85.8	71.3	61.3
	6	98.6	93.1	91.5	75.3	97.4	91.7	80.4	68.5	94.9	86.2	70.7	67.5	92.5	75.4	64.9	56.5
	7	85.7	80.6	80.5	67.2	83.6	79.1	72.0	63.1	82.6	76.7	64.8	61.9	81.2	68.4	60.6	53.0
	8	75.0	70.3	70.2	61.9	74.2	70.5	66.0	59.0	72.4	68.6	60.2	57.2	71.2	62.8	56.1	48.2
	9	66.8	62.5	62.4	57.9	66.0	62.3	59.9	52.9	65.2	62.4	56.3	53.2	63.6	58.5	52.6	44.5
	10	60.5	56.4	56.4	53.8	59.5	55.9	55.1	48.1	58.6	55.9	51.6	47.7	57.8	54.6	49.3	41.7
	11	54.1	51.0	51.0	49.6	54.2	51.0	51.0	44.8	53.3	50.6	47.7	43.3	52.6	49.7	45.3	39.0
	12	47.9	46.6	46.6	46.3	47.9	46.5	46.5	42.6	47.9	46.5	44.8	39.9	47.9	45.6	42.0	36.8
	13	42.9	42.9	42.9	42.9	42.9	42.6	42.6	40.7	42.9	42.7	41.4	38.1	42.8	42.4	39.3	35.1
	14	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.5	36.4	38.7	38.7	37.0	33.7
	15	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.0	35.3	35.3	34.7	32.5
	16	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.3	32.3	31.4
	18					27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.6	27.6	27.6	27.6
	20					24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
	22									21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
24													18.7	18.7	18.7	18.7	
25													17.7	17.7	17.7	17.7	
26													16.8	16.8	16.8	16.8	
Radius [m]		Main boom length 29 m				Main boom length 32 m				Main boom length 35 m				Main boom length 38 m			
		0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
	4	109.4	78.8			99.2	74.1			91.7				79.9			
	5	103.1	72.9	65.4	58.1	97.3	71.9	61.1	51.1	91.7	66.2	55.6		79.9	58.8	50.6	
	6	90.8	65.1	60.4	53.3	88.0	62.9	56.7	46.4	83.7	60.5	52.0	46.9	75.0	55.8	47.0	39.6
	7	78.9	60.2	56.1	48.4	76.5	57.5	52.6	43.3	74.9	54.4	48.0	43.6	69.2	51.8	43.6	37.6
	8	70.3	55.6	52.1	45.2	68.4	53.8	49.7	41.1	66.5	48.8	44.3	41.1	62.5	46.4	40.9	35.5
	9	62.7	50.6	47.7	42.4	61.3	48.9	45.7	38.6	60.4	44.9	41.6	38.9	57.6	42.4	38.9	33.9
	10	56.8	46.6	44.4	40.4	55.3	44.6	42.2	36.5	54.5	41.5	38.9	36.3	52.8	39.2	36.6	32.0
	11	52.0	43.6	41.6	38.1	50.6	41.3	39.4	34.9	49.7	38.8	36.8	34.2	48.1	36.4	34.3	30.3
	12	47.6	40.8	39.1	35.6	46.7	38.6	37.0	33.0	45.9	36.6	35.0	32.6	44.2	34.0	32.4	28.9
	13	42.8	38.5	36.9	33.4	42.8	36.2	34.7	31.1	42.5	34.4	33.1	29.9	41.1	32.1	30.9	27.7
	14	38.7	36.5	35.1	31.7	38.6	34.1	32.7	29.4	38.6	32.3	31.0	27.1	38.3	29.7	28.5	25.6
	15	35.3	34.7	33.4	30.3	35.2	32.3	31.0	27.9	35.1	30.5	29.3	24.7	35.0	27.3	26.2	23.6
	16	32.3	32.3	31.6	29.3	32.2	30.9	29.7	26.7	32.2	28.9	27.7	22.6	32.0	25.2	24.1	21.7
	18	27.6	27.6	27.6	27.4	27.5	27.5	26.6	24.1	27.4	26.3	25.2	20.2	27.3	21.8	20.7	18.8
	20	24.0	24.0	24.0	24.0	23.9	23.9	23.9	21.9	23.8	23.8	22.8	19.2	23.7	20.4	19.2	17.5
	22	21.1	21.1	21.1	21.1	21.0	21.0	21.0	20.2	20.9	20.9	20.8	18.4	20.8	19.5	18.2	16.6
	24	18.8	18.8	18.8	18.8	18.7	18.7	18.7	18.4	18.6	18.6	18.6	17.5	18.5	18.5	17.4	15.9
	25	17.8	17.8	17.8	17.8	17.7	17.7	17.7	17.6	17.6	17.6	17.6	16.8	17.4	17.4	17.1	15.6
26	16.8	16.8	16.8	16.8	16.7	16.7	16.7	16.7	16.6	16.6	16.6	16.0	16.5	16.5	16.5	15.1	
28	15.2	15.2	15.2	15.2	15.1	15.1	15.1	15.1	15.0	15.0	15.0	14.7	14.9	14.9	14.9	13.8	
30					13.7	13.7	13.7	13.7	13.6	13.6	13.6	13.6	13.5	13.5	13.5	12.6	
32					12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3	12.3	12.3	12.0	
34									11.4	11.4	11.4	11.4	11.2	11.2	11.2	11.2	
35									10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	
36													10.3	10.3	10.3	10.3	
38													9.4	9.4	9.4	9.3	

Carbody counterweight: 20.0 t with 1000 mm flat track pads

Rear counterweight:

52.3 t

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 11962137

	Main boom length 41 m				Main boom length 47 m				Main boom length 53 m				Main boom length 59 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
4	70.6				57.1											
5	70.6	50.9			57.1	41.1			49.5	36.6			41.6			
6	68.0	48.6	42.8	38.0	57.1	41.1	37.0		49.5	36.6	32.6		41.6	32.1		
7	63.1	44.5	40.7	36.3	52.8	38.3	35.0	31.7	48.4	36.0	32.0	28.0	41.6	32.1	27.7	
8	58.3	41.3	38.2	34.2	49.3	36.1	33.4	30.1	46.2	34.6	30.9	27.1	40.2	31.2	26.9	22.3
9	54.4	38.8	36.3	32.6	45.5	33.5	31.3	28.3	44.2	33.4	30.0	25.9	38.9	30.4	26.2	21.9
10	51.4	36.8	34.7	31.1	42.5	31.4	29.6	26.9	42.0	32.2	28.9	24.4	37.4	29.5	25.1	21.3
11	46.9	34.3	32.4	28.4	40.2	29.9	28.3	25.7	40.1	31.1	28.1	23.2	35.9	28.6	23.9	20.7
12	43.1	32.1	30.5	26.0	37.6	27.2	25.8	23.6	38.6	30.3	27.4	22.3	34.6	27.8	22.9	20.2
13	40.0	30.2	28.8	24.0	35.3	24.7	23.7	21.7	36.1	28.6	25.9	21.4	33.6	27.2	22.0	19.9
14	37.5	28.8	27.6	23.4	33.3	22.6	21.8	20.1	33.5	26.8	24.4	20.6	31.9	25.9	21.2	19.1
16	32.0	24.6	23.6	20.3	30.3	19.5	19.0	17.7	29.1	24.0	21.9	19.2	27.9	22.6	19.4	17.4
18	27.2	21.2	20.3	17.9	27.0	17.4	17.0	15.8	26.0	22.3	20.0	18.0	24.8	20.0	18.0	16.2
20	23.6	18.8	18.0	16.3	23.4	15.8	15.4	14.3	23.2	20.2	18.2	16.3	22.4	18.2	16.8	15.0
22	20.7	18.0	17.0	15.5	20.5	14.4	14.2	13.1	20.3	18.5	16.6	14.9	20.0	16.7	15.3	13.6
24	18.4	17.3	16.1	14.7	18.2	13.7	13.4	12.3	17.9	17.1	15.3	13.8	17.6	15.4	14.0	12.5
26	16.5	16.5	15.4	14.1	16.2	13.2	12.7	12.0	16.0	15.9	14.3	12.9	15.7	14.3	12.9	11.8
28	14.8	14.8	14.5	13.3	14.6	12.7	12.1	11.4	14.3	14.3	13.4	12.2	14.0	13.4	12.1	11.2
30	13.4	13.4	13.4	12.2	13.2	12.4	11.9	10.9	12.9	12.9	12.6	12.0	12.6	12.3	11.7	10.5
32	12.2	12.2	12.2	11.6	12.0	12.0	11.3	10.3	11.8	11.8	11.8	11.4	11.5	11.5	10.9	9.9
34	11.2	11.2	11.2	10.7	11.0	11.0	10.4	9.4	10.7	10.7	10.7	10.7	10.4	10.4	10.2	9.4
36	10.3	10.3	10.3	9.9	10.0	10.0	9.5	8.6	9.8	9.8	9.8	9.8	9.5	9.5	9.5	8.9
38	9.4	9.4	9.4	9.1	9.2	9.2	8.7	7.8	9.0	9.0	9.0	9.0	8.7	8.7	8.7	8.5
40	8.7	8.7	8.7	8.3	8.4	8.4	8.0	7.2	8.2	8.2	8.2	8.2	7.9	7.9	7.9	7.9
42					7.8	7.8	7.4	6.6	7.6	7.6	7.6	7.6	7.3	7.3	7.3	7.3
46					6.6	6.6	6.2	5.4	6.4	6.4	6.4	6.4	6.1	6.1	6.1	6.1
50									5.4	5.4	5.4	5.4	5.2	5.2	5.2	5.2
55													4.2	4.2	4.2	4.1
	Main boom length 62 m				Main boom length 68 m				Main boom length 74 m				Main boom length 80 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
5	36.7				29.1				23.9				18.9			
6	36.7	30.6			29.1	22.2			23.9				18.9			
7	36.7	30.6	26.0		29.1	22.2	19.8		23.9	18.8			18.9	14.7		
8	35.7	30.0	24.8	19.8	29.0	22.1	19.7		23.9	18.8	16.8		18.9	14.7	13.4	
9	34.3	29.3	23.3	19.4	27.7	21.4	19.1	16.3	23.3	18.5	16.5	14.0	18.8	14.7	13.4	
10	33.2	28.4	22.4	19.0	26.7	20.8	18.7	16.0	22.4	18.0	16.1	13.6	18.0	14.1	12.8	11.2
11	31.8	26.7	21.9	18.5	25.8	20.3	18.2	15.6	21.8	17.7	15.8	13.4	17.4	13.6	12.4	10.8
12	30.6	25.4	21.4	18.0	24.8	19.7	17.7	15.1	21.0	17.2	15.4	13.0	16.9	13.2	12.1	10.6
13	29.6	24.2	21.0	17.7	23.9	19.2	17.3	14.8	20.2	16.8	15.1	12.7	16.2	12.6	11.9	10.3
14	28.8	23.3	20.6	17.4	23.1	18.8	16.9	14.4	19.6	16.4	14.8	12.4	15.6	12.1	11.4	9.9
16	25.7	22.2	19.6	16.6	21.6	17.9	16.2	13.8	18.6	15.8	14.3	12.0	14.7	11.5	10.6	9.4
18	23.2	21.3	18.8	16.0	20.0	17.0	15.4	13.1	17.4	15.1	13.7	11.5	13.8	10.8	10.0	9.0
20	21.2	20.6	18.2	15.6	18.6	16.3	14.8	12.6	16.2	14.5	13.1	11.0	12.9	9.8	9.2	8.2
22	19.3	18.9	16.9	14.5	17.6	15.8	14.3	12.2	15.3	14.0	12.6	10.6	12.0	9.0	8.5	7.6
24	17.5	17.2	15.6	13.5	16.2	14.8	13.4	11.6	14.6	13.5	12.3	10.3	11.4	8.4	7.9	7.0
26	15.6	15.6	14.4	12.6	14.8	13.8	12.5	11.0	13.5	12.6	11.6	9.6	10.8	7.8	7.4	6.6
28	13.9	13.9	13.4	12.1	13.6	12.9	12.0	10.4	12.5	11.6	10.6	8.9	10.2	7.2	6.8	6.0
30	12.5	12.5	12.5	11.7	12.2	12.1	11.4	9.9	11.6	10.7	9.8	8.3	9.6	6.6	6.2	5.5
32	11.4	11.4	11.4	10.7	11.1	11.1	10.8	9.5	10.7	10.0	9.0	7.7	9.1	6.0	5.7	5.0
34	10.3	10.3	10.3	9.8	10.0	10.0	10.0	8.8	9.7	9.4	8.4	7.3	8.7	5.5	5.3	4.6
36	9.4	9.4	9.4	9.0	9.1	9.1	9.1	8.1	8.8	8.8	7.8	6.8	8.3	5.1	4.9	4.2
38	8.5	8.5	8.5	8.3	8.3	8.3	8.3	7.5	8.0	8.0	7.2	6.3	7.5	4.8	4.6	4.0
42	7.1	7.1	7.1	7.1	6.9	6.9	6.9	6.4	6.6	6.6	6.0	5.4	6.2	4.3	4.1	3.5
46	6.0	6.0	6.0	6.0	5.7	5.7	5.7	5.5	5.4	5.4	5.1	4.7	5.1	3.9	3.7	3.1
50	5.0	5.0	5.0	5.0	4.8	4.8	4.8	4.6	4.4	4.4	4.3	4.0	4.2	3.6	3.4	2.7
55	4.0	4.0	4.0	4.0	3.8	3.8	3.7	3.6	3.4	3.4	3.3	3.0	3.2	2.8	2.7	
60	3.2	3.2	3.2	3.2	2.9	2.9	2.9	2.9	2.6	2.5	2.5	2.2	2.4			
65					2.2	2.1	2.1	2.1								

LR 1160.1 [1003.04]

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 11962119

	Main boom length 17 m				Main boom length 20 m				Main boom length 23 m				Main boom length 25.7 m				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
Radius [m]	3.1	137.0															
	4	137.0	133.6	129.4	123.9	137.0	135.6	124.3		137.0	130.4			137.0	116.9		
	5	137.0	123.5	122.8	120.1	137.0	126.0	120.0	111.6	137.0	127.9	117.3	108.4	137.0	115.1	107.8	91.4
	6	134.5	114.6	114.6	113.8	137.0	115.5	115.2	109.2	132.2	119.1	113.8	104.1	131.0	110.2	99.8	84.2
	7	130.7	106.5	106.5	106.4	122.6	104.0	104.0	101.3	122.8	111.1	108.6	98.6	118.4	105.4	91.6	78.8
	8	113.2	99.2	99.2	99.2	108.9	95.8	95.8	95.6	104.8	101.7	100.0	90.5	101.6	97.3	85.4	73.1
	9	93.8	93.0	93.0	93.0	93.9	90.0	90.0	89.4	91.4	89.5	87.7	84.8	88.8	86.8	80.5	68.4
	10	79.9	79.9	79.9	79.9	80.0	80.0	80.0	79.4	80.0	79.4	77.9	76.5	78.8	77.3	75.7	65.6
	11	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	68.9	69.6	69.5	68.3	64.8
	12	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.1
	13	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0
	14	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
	15	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
	16	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5
	18	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5
	20					30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.9	30.9	30.9	30.9
	22									27.1	27.1	27.1	27.1	27.2	27.2	27.2	27.2
	24									24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.2
	25													22.9	22.9	22.9	22.9
26													21.7	21.7	21.7	21.7	
Radius [m]	Main boom length 28.7 m				Main boom length 31.7 m				Main boom length 34.7 m				Main boom length 40.4 m				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
	4	137.0	113.3			137.0				126.4				106.1			
	5	136.3	112.6	105.1	91.2	137.0	110.8	99.5		126.4	107.4	86.7		106.1	80.1		
	6	131.2	109.0	99.7	82.2	129.4	108.9	89.5	76.6	122.9	102.1	81.5	71.2	104.8	78.6	66.3	56.5
	7	113.8	101.8	89.9	76.6	109.5	99.5	83.6	71.0	105.4	95.0	76.3	67.0	98.5	74.3	63.2	54.1
	8	98.0	95.4	83.0	72.0	94.7	91.4	79.3	67.0	91.6	87.1	71.7	63.6	86.2	69.3	59.8	50.4
	9	86.0	84.0	76.5	66.7	83.4	81.3	74.0	63.1	80.9	78.7	68.2	60.8	76.5	65.0	57.0	47.4
	10	76.6	74.9	71.4	62.6	74.4	72.7	69.0	59.7	72.3	70.5	64.2	57.1	68.7	61.8	54.8	45.2
	11	68.9	67.5	66.2	60.1	67.1	65.7	64.3	57.0	65.3	63.9	60.8	54.0	62.3	58.3	51.3	42.9
	12	61.4	61.4	60.3	58.7	61.0	59.8	58.7	55.1	59.5	58.3	57.1	51.6	56.9	55.3	48.3	41.0
	13	54.9	54.9	54.9	54.4	54.9	54.9	53.9	53.0	54.6	53.5	52.5	49.8	52.3	51.2	45.8	39.5
	14	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.0	49.4	49.4	48.6	47.7	48.4	47.4	43.8	38.2
	15	45.2	45.2	45.2	45.2	45.1	45.1	45.1	45.1	45.0	45.0	45.0	44.4	44.9	44.1	42.5	37.7
	16	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.2	41.2	41.2	41.2	41.1	41.1	40.4	37.2
	18	35.4	35.4	35.4	35.4	35.3	35.3	35.3	35.3	35.2	35.2	35.2	35.2	35.1	35.1	35.1	35.1
	20	30.8	30.8	30.8	30.8	30.7	30.7	30.7	30.7	30.6	30.6	30.6	30.6	30.4	30.4	30.4	30.4
	22	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	26.9	26.9	26.9	26.9	26.8	26.8	26.8	26.8
	24	24.2	24.2	24.2	24.2	24.1	24.1	24.1	24.1	24.0	24.0	24.0	24.0	23.8	23.8	23.8	23.8
	25	22.9	22.9	22.9	22.9	22.8	22.8	22.8	22.8	22.7	22.7	22.7	22.7	22.6	22.6	22.6	22.6
26	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.5	21.5	21.5	21.5	21.4	21.4	21.4	21.4	
28	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.5	19.5	19.5	19.5	19.3	19.3	19.3	19.3	
30					17.8	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.6	17.6	17.6	17.6	
32					16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.0	16.0	16.0	16.0	
34									14.8	14.8	14.8	14.8	14.7	14.7	14.7	14.7	
35									14.2	14.2	14.2	14.2	14.1	14.1	14.1	14.1	
36													13.5	13.5	13.5	13.5	
38													12.5	12.5	12.5	12.5	
40													11.6	11.6	11.6	11.6	

Carbody counterweight: 20.0 t with 1000 mm flat track pads

Rear counterweight:

62.3 t

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 11962119

	Main boom length 46.4 m				Main boom length 52.1 m				Main boom length 58.1 m				Main boom length 63.8 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
5	86.4	67.2			70.3				58.0				46.7			
6	86.4	67.2	58.1		70.3	54.6			58.0	43.9			46.7	36.9		
7	82.7	63.9	55.8	47.2	69.5	53.8	44.8	38.1	58.0	43.9	38.7		46.7	36.9	32.4	
8	78.9	60.8	53.6	44.4	66.4	51.3	43.0	36.7	56.0	42.0	37.0	32.0	46.3	36.3	31.9	24.0
9	72.1	57.0	49.7	42.0	63.7	48.9	41.3	35.4	53.8	40.3	35.6	30.8	44.5	34.6	30.5	24.6
10	65.2	54.0	46.7	40.0	59.9	45.6	39.4	33.9	51.5	38.3	34.0	29.4	43.3	33.4	29.5	23.1
12	54.3	48.4	42.0	36.6	52.0	41.0	36.7	31.8	46.6	34.6	31.1	27.0	39.0	29.9	25.4	21.2
14	46.3	42.6	38.0	33.3	44.5	36.9	33.4	27.9	42.6	31.4	28.4	24.7	35.8	27.4	22.6	19.8
16	40.2	38.6	35.3	31.1	38.7	33.6	30.6	24.9	37.1	27.2	24.8	21.8	32.6	24.2	20.4	18.0
18	34.8	34.8	33.8	30.0	34.1	31.4	28.6	23.3	32.8	24.0	22.1	19.5	29.6	21.2	18.6	16.5
20	30.2	30.2	30.2	29.2	30.0	29.7	26.5	22.4	29.2	22.3	20.4	18.2	27.2	18.9	17.2	15.3
22	26.5	26.5	26.5	26.5	26.3	26.3	24.8	21.7	26.0	21.2	19.6	17.6	25.2	17.6	16.3	14.6
24	23.6	23.6	23.6	23.6	23.4	23.4	23.4	21.1	23.1	20.2	19.0	17.1	22.8	16.8	15.7	14.1
26	21.1	21.1	21.1	21.1	20.9	20.9	20.9	20.0	20.6	19.5	18.4	16.7	20.4	16.1	15.1	13.6
28	19.1	19.1	19.1	19.1	18.8	18.8	18.8	18.6	18.6	18.6	17.7	16.1	18.3	15.6	14.6	13.3
30	17.3	17.3	17.3	17.3	17.1	17.1	17.1	17.1	16.8	16.8	16.4	14.9	16.6	15.1	14.2	12.9
32	15.8	15.8	15.8	15.8	15.6	15.6	15.6	15.6	15.3	15.3	15.2	13.8	15.0	13.9	13.2	12.1
34	14.5	14.5	14.5	14.5	14.2	14.2	14.2	14.2	14.0	14.0	14.0	12.8	13.7	12.9	12.2	11.3
36	13.3	13.3	13.3	13.3	13.1	13.1	13.1	13.1	12.8	12.8	12.8	12.0	12.5	12.1	11.5	10.4
38	12.3	12.3	12.3	12.3	12.1	12.1	12.1	12.1	11.8	11.8	11.8	11.5	11.6	11.2	10.7	9.6
40	11.4	11.4	11.4	11.4	11.2	11.2	11.2	11.2	10.9	10.9	10.9	10.8	10.6	10.5	10.0	9.0
42	10.5	10.5	10.5	10.5	10.3	10.3	10.3	10.3	10.0	10.0	10.0	10.0	9.8	9.8	9.3	8.4
44	9.8	9.8	9.8	9.8	9.6	9.6	9.6	9.6	9.3	9.3	9.3	9.3	9.0	9.0	8.6	7.8
46	9.1	9.1	9.1	9.1	8.9	8.9	8.9	8.9	8.6	8.6	8.6	8.6	8.4	8.4	8.0	7.2
48					8.3	8.3	8.3	8.3	8.0	8.0	8.0	8.0	7.7	7.7	7.4	6.6
50					7.7	7.7	7.7	7.7	7.4	7.4	7.4	7.4	7.2	7.2	6.8	6.1
55									6.2	6.2	6.2	6.2	5.9	5.9	5.7	5.0
60													4.9	4.9	4.6	4.0
	Main boom length 69.8 m				Main boom length 75.5 m				Main boom length 81.5 m				Main boom length 87.5 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
5	37.9															
6	37.9				31.6				26.0				21.9			
7	37.9	30.4			31.6	28.1			26.0	21.7			21.9			
8	37.9	30.4	26.9		31.6	28.1	22.7		26.0	21.7			21.9	18.0		
9	36.8	29.0	24.7	20.3	31.2	27.8	22.5		26.0	21.7	19.2		21.9	18.0	16.0	
10	35.7	27.6	22.8	19.5	30.4	27.2	22.0	18.7	25.3	21.2	18.8	16.2	21.7	17.8	15.8	
12	33.5	24.3	20.3	17.8	28.9	25.9	21.2	18.0	24.2	20.4	18.1	15.6	20.5	16.9	15.0	13.0
14	31.2	21.0	18.6	16.3	27.3	23.9	20.3	17.3	22.6	19.5	17.3	14.9	19.4	16.0	14.3	12.3
16	29.4	18.7	17.2	15.1	26.1	22.4	19.7	16.7	21.4	18.8	16.6	14.3	18.1	15.1	13.6	11.8
18	27.0	16.9	15.6	13.7	24.7	21.3	18.9	16.1	20.5	18.2	16.1	13.8	17.1	14.4	13.1	11.4
20	25.0	15.4	14.2	12.5	23.3	20.3	18.1	15.5	19.3	17.4	15.4	13.2	16.2	13.6	12.5	10.9
22	23.4	14.1	13.1	11.8	22.1	19.4	17.4	15.0	18.3	16.7	14.8	12.7	15.3	12.8	12.1	10.3
24	22.0	13.3	12.4	11.2	21.1	18.8	16.9	14.6	17.4	16.1	14.3	12.3	14.5	12.0	11.5	9.8
26	20.0	12.7	12.1	10.7	19.2	18.2	16.5	14.4	16.7	15.6	13.9	12.0	13.9	11.4	11.0	9.4
28	18.0	12.2	11.6	10.3	17.5	17.1	16.2	14.1	15.8	15.3	13.7	11.9	13.3	10.9	10.6	9.0
30	16.2	11.9	11.1	10.0	16.0	15.7	15.4	14.0	14.9	14.9	13.6	11.8	12.7	10.7	10.4	8.9
32	14.7	11.4	10.8	9.7	14.5	14.4	14.1	13.8	13.9	13.7	13.4	11.7	12.2	10.5	10.2	8.7
34	13.4	10.8	10.1	9.1	13.1	13.1	13.0	12.7	12.7	12.6	12.3	11.6	11.6	10.4	10.0	8.6
36	12.2	9.9	9.3	8.3	12.0	12.0	12.0	11.8	11.6	11.6	11.4	11.1	10.9	10.2	9.8	8.4
38	11.2	9.0	8.5	7.6	11.0	11.0	11.0	10.9	10.7	10.7	10.5	10.2	10.0	10.0	9.7	8.3
42	9.5	7.6	7.1	6.3	9.2	9.2	9.2	9.2	8.9	8.9	8.9	8.7	8.4	8.4	8.3	7.9
46	8.1	6.5	6.1	5.3	7.8	7.8	7.8	7.8	7.5	7.5	7.5	7.5	7.1	7.1	7.0	6.8
50	6.9	5.4	5.0	4.4	6.6	6.6	6.6	6.6	6.3	6.3	6.3	6.3	6.0	6.0	5.9	5.8
55	5.6	4.2	3.9	3.3	5.4	5.4	5.4	5.4	5.0	5.0	5.0	5.0	4.7	4.7	4.7	4.6
60	4.6	3.3	3.0	2.4	4.3	4.3	4.3	4.3	4.0	4.0	4.0	4.0	3.7	3.7	3.7	3.7
65	3.7	2.4	2.2		3.5	3.5	3.5	3.5	3.2	3.2	3.2	3.2	2.8	2.8	2.8	2.8
70					2.7	2.7	2.7	2.7	2.4	2.4	2.4	2.4	2.1	2.1	2.1	2.1
75					2.0	2.0	2.0	2.0								

LR 1200.1 [1004.03]

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 13147978

	Main boom length 20 m				Main boom length 23 m				Main boom length 26 m				Main boom length 29 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
3.4	219.1															
	219.1	171.2			170.1	134.2			164.3				158.4			
5	215.2	171.2	160.0	150.3	167.3	134.2	127.2	119.6	162.8	137.4	124.2	116.8	158.3	119.8	116.8	
6	193.0	171.2	160.0	150.3	163.0	134.2	125.7	118.2	159.0	135.2	122.6	114.8	154.6	119.3	111.3	97.4
7	162.8	154.3	147.6	141.9	156.9	132.8	123.5	115.8	155.5	134.0	121.6	112.8	146.2	110.0	101.6	89.0
8	146.1	136.1	134.6	133.2	139.6	124.5	116.4	107.3	135.6	125.7	114.9	105.8	131.0	103.5	95.1	83.3
9	126.0	120.7	120.3	119.0	122.5	118.5	111.2	101.2	118.4	113.9	105.7	97.0	114.9	94.7	88.0	76.9
10	107.2	106.9	106.1	103.6	107.3	106.3	101.3	93.2	105.0	102.9	99.0	90.6	102.2	87.7	82.4	71.9
11	93.1	93.1	93.1	92.0	93.2	93.2	91.4	85.8	93.1	92.5	89.7	83.0	91.9	82.5	78.2	68.1
12	82.2	82.2	82.2	82.2	82.2	82.2	82.2	79.9	82.1	82.1	81.3	76.4	82.2	76.9	73.1	64.6
13	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.4	73.4	73.4	71.0	73.5	72.0	68.7	61.5
14	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.2	66.2	66.2	66.2	66.3	66.3	65.0	58.9
15	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.2	60.2	60.2	60.2	60.3	60.3	60.3	56.8
16	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.2	55.2	55.2	55.2	55.3	55.3	55.3	53.6
18	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2
20	40.8	40.8	40.8	40.8	41.0	41.0	41.0	41.0	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0
22					36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.1	36.1
24					32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1
25									30.2	30.2	30.2	30.2	30.4	30.4	30.4	30.4
26									28.6	28.6	28.6	28.6	28.8	28.8	28.8	28.8
28													26.0	26.0	26.0	26.0
	Main boom length 32 m				Main boom length 35 m				Main boom length 38 m				Main boom length 41 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
4	153.6				147.9				143.4							
5	153.6	117.3	114.2		147.9	115.0			143.4	115.1			121.1	86.2		
6	150.7	117.3	109.2	94.5	141.9	113.1	96.8	83.0	140.3	113.0	95.9	81.6	121.1	86.2	77.5	
7	142.2	110.1	100.7	87.2	132.4	108.3	89.5	77.9	129.5	104.3	87.5	76.8	111.7	80.7	71.6	62.0
8	126.5	100.7	92.2	81.5	121.8	97.5	83.8	72.2	118.4	94.7	81.2	70.8	104.0	75.6	67.5	59.0
9	111.3	93.2	85.4	76.2	108.0	89.8	79.8	68.2	104.8	86.6	76.3	66.1	96.7	70.4	64.0	56.1
10	99.2	85.8	78.7	70.6	96.5	82.2	74.6	64.4	93.9	80.3	72.2	62.5	91.2	66.6	61.4	54.0
11	89.4	79.8	73.3	66.1	87.2	75.5	69.8	61.2	84.9	73.5	67.4	58.9	82.9	63.0	58.4	50.8
12	81.3	75.1	69.1	62.6	79.4	70.1	66.0	58.5	77.4	67.8	63.3	56.0	75.7	59.6	55.4	47.8
13	73.3	70.0	65.1	59.3	72.8	65.9	62.6	56.0	71.1	63.2	60.0	53.6	69.6	56.7	53.0	45.3
14	66.2	65.5	61.6	56.3	66.1	62.0	58.5	52.6	65.6	59.2	56.8	51.1	64.3	54.4	51.0	43.2
15	60.2	60.2	58.6	53.8	60.1	58.6	54.9	49.6	60.0	55.2	53.2	48.0	59.8	51.8	48.7	41.4
16	55.1	55.1	55.1	51.7	55.1	55.1	51.7	47.0	54.9	51.6	49.9	45.3	54.9	48.6	46.0	39.7
18	47.0	47.0	47.0	46.6	47.0	47.0	46.7	42.9	46.8	45.7	44.6	40.9	46.8	43.3	41.4	36.7
20	40.8	40.8	40.8	40.8	40.8	40.8	40.8	39.5	40.6	40.6	40.3	37.7	40.6	39.2	37.9	34.5
22	36.0	36.0	36.0	36.0	35.9	35.9	35.9	35.9	35.7	35.7	35.7	34.9	35.7	35.7	34.8	32.4
24	32.0	32.0	32.0	32.0	31.9	31.9	31.9	31.9	31.7	31.7	31.7	31.7	31.7	31.7	31.7	30.6
25	30.3	30.3	30.3	30.3	30.2	30.2	30.2	30.2	30.0	30.0	30.0	30.0	30.0	30.0	30.0	29.8
26	28.7	28.7	28.7	28.7	28.6	28.6	28.6	28.6	28.5	28.5	28.5	28.5	28.4	28.4	28.4	28.4
28	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
30	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
32	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
34					19.7	19.7	19.7	19.7	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
35					18.8	18.8	18.8	18.8	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
36									17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.0
38									16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6
40													15.3	15.3	15.3	15.3

Carbody counterweight: 36.2 t with 1200 mm flat track pads

Rear counterweight:

72.3 t 82.3 t

Lifting capacities in [t] - main boom on floating unit with inclination [0/1/2/3°] - TLT 13147978

	Main boom length 44 m				Main boom length 47 m				Main boom length 53 m				Main boom length 59 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
5	114.8	82.0			97.2				81.5				68.4			
6	114.8	82.0	73.5		97.2	76.5	65.7		81.5	62.0			68.4	56.9		
7	107.8	77.5	69.2	59.9	93.6	73.3	64.0	55.4	81.5	62.0	55.0		68.4	56.9	49.2	
8	100.9	72.9	65.2	57.1	88.0	67.7	61.2	53.2	77.4	59.9	53.2	44.0	66.8	56.2	48.2	40.4
9	93.2	67.6	61.4	54.0	82.2	63.4	57.9	49.9	74.4	58.3	51.9	43.0	64.1	54.6	46.2	39.4
10	87.2	63.4	58.4	51.5	76.9	59.6	55.0	46.9	70.8	55.9	49.4	41.7	61.9	53.1	44.9	38.6
11	80.8	60.1	55.8	49.3	72.8	56.6	52.6	44.6	67.8	54.0	47.4	40.7	59.4	50.5	43.6	37.6
12	73.9	55.8	52.1	46.2	69.1	53.4	49.8	42.4	65.4	52.4	45.8	39.8	57.3	48.3	42.6	36.8
14	62.9	49.1	46.2	41.2	61.6	46.6	43.9	38.4	59.1	48.1	42.8	37.7	53.9	45.0	40.9	35.4
16	54.6	44.2	41.9	37.7	53.5	41.8	39.6	35.5	51.4	43.8	40.2	35.7	49.4	41.7	38.4	33.6
18	46.6	39.9	38.1	34.5	46.5	37.7	36.0	32.5	45.4	40.6	38.3	34.2	43.6	39.0	36.3	32.2
20	40.4	36.4	35.1	32.0	40.3	34.2	32.9	29.9	40.0	37.4	35.4	31.8	38.9	37.0	34.7	31.0
22	35.5	33.6	32.8	30.1	35.4	31.4	30.5	27.8	35.1	34.5	32.8	29.8	34.8	33.7	31.7	28.0
24	31.5	31.0	30.4	28.5	31.4	29.2	28.6	26.3	31.2	31.2	30.7	28.1	30.8	30.8	29.0	25.5
26	28.2	28.2	28.2	27.2	28.1	27.2	26.8	25.0	27.9	27.9	27.9	26.6	27.5	27.5	26.8	23.3
28	25.5	25.5	25.5	25.5	25.4	25.4	25.3	24.0	25.1	25.1	25.1	24.6	24.8	24.8	24.8	21.6
30	23.2	23.2	23.2	23.2	23.0	23.0	23.0	23.0	22.8	22.8	22.8	22.7	22.4	22.4	22.4	20.2
32	21.1	21.1	21.1	21.1	21.0	21.0	21.0	21.0	20.7	20.7	20.7	20.7	20.4	20.4	20.4	19.0
34	19.3	19.3	19.3	19.3	19.2	19.2	19.2	19.2	19.0	19.0	19.0	19.0	18.6	18.6	18.6	17.8
36	17.8	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.4	17.4	17.4	17.4	17.1	17.1	17.1	16.9
38	16.4	16.4	16.4	16.4	16.3	16.3	16.3	16.3	16.0	16.0	16.0	16.0	15.7	15.7	15.7	15.7
40	15.1	15.1	15.1	15.1	15.0	15.0	15.0	15.0	14.8	14.8	14.8	14.8	14.4	14.4	14.4	14.4
42	14.0	14.0	14.0	14.0	13.9	13.9	13.9	13.9	13.7	13.7	13.7	13.7	13.3	13.3	13.3	13.3
44	13.0	13.0	13.0	13.0	12.9	12.9	12.9	12.9	12.7	12.7	12.7	12.7	12.3	12.3	12.3	12.3
46					12.0	12.0	12.0	12.0	11.8	11.8	11.8	11.8	11.5	11.5	11.5	11.5
48									11.0	11.0	11.0	11.0	10.6	10.6	10.6	10.6
50									10.2	10.2	10.2	10.2	9.9	9.9	9.9	9.9
55													8.2	8.2	8.2	8.2
	Main boom length 65 m				Main boom length 71 m				Main boom length 77 m				Main boom length 89 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
5	56.2															
6	56.2				46.7				38.6				26.6			
7	56.2	43.5			46.7	37.7			38.6	31.6			26.6			
8	56.2	43.5	38.4		46.7	37.7	33.6		38.6	31.6			26.6	20.7		
9	53.8	42.1	37.3	31.9	45.8	37.2	33.1	28.5	38.6	31.6	27.8		26.6	20.7	18.4	
10	51.9	41.0	36.4	31.1	44.1	36.1	32.1	27.7	37.2	30.8	27.1	21.3	26.6	20.7	18.4	
12	47.9	38.6	34.3	29.4	41.2	34.2	30.5	25.7	34.9	29.5	26.0	20.4	25.2	19.8	17.6	14.8
14	44.7	36.5	32.7	28.1	38.4	32.2	28.8	23.3	32.6	28.0	23.9	19.5	24.0	19.0	16.9	14.2
16	41.9	34.7	31.2	26.3	36.3	30.7	27.6	21.7	30.8	26.8	22.3	18.7	22.5	18.2	16.2	13.6
18	39.2	32.8	29.6	24.3	33.9	28.2	25.4	20.4	29.2	25.6	21.2	18.0	21.3	17.4	15.6	13.1
20	36.9	31.2	28.3	22.8	31.9	25.8	23.5	19.4	27.4	23.9	20.3	17.3	20.4	16.8	15.0	12.6
22	33.7	29.9	27.2	21.6	30.3	24.0	21.9	18.6	25.9	22.4	19.5	16.6	19.4	15.9	14.3	12.1
24	30.5	27.8	25.3	20.6	28.8	22.6	20.7	17.9	24.7	21.2	18.9	16.1	18.5	15.1	13.6	11.6
26	27.2	25.9	23.7	19.8	26.7	21.5	19.8	17.0	23.6	20.3	18.3	15.6	17.8	14.4	13.1	11.2
28	24.5	24.2	22.4	19.0	24.1	20.5	18.9	16.3	22.6	19.4	17.7	15.0	17.2	13.9	12.6	10.8
30	22.1	22.1	21.2	18.4	21.8	19.6	18.1	15.6	21.4	18.5	17.0	14.5	16.6	13.3	12.1	10.4
32	20.1	20.1	20.0	17.6	19.7	18.9	17.5	15.0	19.4	17.8	16.5	14.0	16.1	12.6	11.8	9.8
34	18.3	18.3	18.3	16.5	18.0	18.0	16.8	14.5	17.6	17.2	16.0	13.6	15.7	12.1	11.2	9.4
36	16.8	16.8	16.8	15.5	16.4	16.4	15.7	13.7	16.1	16.1	15.6	13.3	14.8	11.7	10.7	8.9
38	15.4	15.4	15.4	14.6	15.0	15.0	14.6	13.0	14.7	14.7	14.6	12.5	13.6	11.2	10.3	8.6
42	13.0	13.0	13.0	13.0	12.7	12.7	12.7	11.7	12.3	12.3	12.3	11.0	11.5	10.4	9.5	7.9
46	11.2	11.2	11.2	11.2	10.8	10.8	10.8	10.6	10.5	10.5	10.4	9.6	9.7	8.9	8.2	7.0
50	9.6	9.6	9.6	9.6	9.2	9.2	9.2	9.2	8.9	8.9	8.9	8.5	8.2	7.6	7.0	6.1
55	7.9	7.9	7.9	7.9	7.6	7.6	7.6	7.6	7.2	7.2	7.2	7.0	6.5	6.3	5.8	5.3
60	6.5	6.5	6.5	6.5	6.2	6.2	6.2	6.2	5.9	5.9	5.9	5.7	5.2	5.2	4.8	4.4
65					5.0	5.0	5.0	5.0	4.7	4.7	4.7	4.6	4.0	3.9	3.6	3.3
70					4.0	4.0	4.0	4.0	3.7	3.7	3.7	3.7	3.0	2.8	2.6	2.3
75									2.8	2.7	2.7	2.7	2.2			

LR 1250.1 [1004.03]

Lifting capacities in [t] - main boom on floating unit with inclination [0/1/2/3°] - TLT 11962152

	Main boom length 20 m				Main boom length 23 m				Main boom length 26 m				Main boom length 29 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
3.4	219.1															
	219.1	171.2			219.9	189.6			199.9				189.1			
5	215.2	171.2	160.0	150.3	211.1	189.6	175.0	160.0	199.9	187.9	176.3	158.8	189.0	182.7	165.0	
6	193.0	171.2	160.0	150.3	182.8	174.3	167.0	159.7	180.1	177.5	168.3	152.7	178.2	174.6	162.9	143.0
7	162.8	154.3	147.6	141.9	160.6	157.6	156.4	152.3	156.6	153.6	149.3	145.1	152.1	147.4	143.0	137.7
8	146.1	136.0	134.6	133.2	140.7	135.8	134.2	131.2	135.5	132.1	128.8	125.6	130.9	127.3	124.0	120.7
9	126.0	120.7	120.6	119.7	122.4	119.9	117.4	115.1	118.4	115.7	113.1	110.6	114.7	112.0	109.3	106.7
10	107.2	106.9	106.8	106.2	107.3	106.2	104.3	102.4	105.0	102.8	100.7	98.7	102.0	99.8	97.6	95.5
11	93.1	93.1	93.1	93.1	93.2	93.2	93.2	92.2	93.0	92.4	90.7	89.1	91.8	89.9	88.1	86.4
12	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.1	82.1	82.1	81.1	82.1	81.8	80.2	78.8
13	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.3	73.3	73.3	73.3	73.4	73.4	73.4	72.4
14	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
15	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
16	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
18	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1
20	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9
22					36.0	36.0	36.0	36.0	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0
24					31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0
25									30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3
26									28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7
28													25.9	25.9	25.9	25.9
30																
	Main boom length 32 m				Main boom length 35 m				Main boom length 38 m				Main boom length 41 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
4	173.7				158.5				145.7							
5	173.7	169.9	158.6		158.5	158.0			145.7	145.7			133.0	133.0		
6	165.5	164.7	153.8	132.2	153.8	153.4	143.6	123.0	143.5	143.5	133.1	113.6	133.0	133.0	123.2	
7	146.2	141.4	137.0	127.9	140.8	136.0	131.5	119.1	135.7	130.8	126.3	109.3	126.5	126.1	114.7	102.1
8	126.4	122.7	119.3	116.0	122.2	118.5	115.0	111.6	118.2	114.5	110.9	104.9	114.6	110.8	107.1	99.4
9	111.2	108.3	105.5	102.9	107.8	104.9	102.0	99.4	104.6	101.6	98.7	95.9	101.6	98.6	95.6	92.8
10	99.1	96.7	94.5	92.3	96.3	93.9	91.6	89.4	93.6	91.2	88.8	86.5	91.2	88.7	86.3	83.9
11	89.3	87.3	85.5	83.7	87.0	85.0	83.0	81.2	84.7	82.6	80.6	78.7	82.6	80.5	78.5	76.5
12	81.1	79.5	77.9	76.4	79.2	77.5	75.8	74.3	77.2	75.4	73.7	72.1	75.4	73.6	71.9	70.2
13	73.2	72.9	71.6	70.3	72.6	71.1	69.7	68.4	70.8	69.3	67.9	66.5	69.3	67.7	66.2	64.8
14	66.0	66.0	66.0	65.0	65.9	65.7	64.5	63.3	65.4	64.1	62.8	61.6	64.0	62.7	61.4	60.1
15	60.0	60.0	60.0	60.0	60.0	60.0	59.9	58.9	59.8	59.5	58.4	57.3	59.4	58.2	57.1	56.0
16	55.0	55.0	55.0	55.0	54.9	54.9	54.9	54.9	54.7	54.7	54.5	53.6	54.6	54.4	53.4	52.4
18	46.9	46.9	46.9	46.9	46.8	46.8	46.8	46.8	46.6	46.6	46.6	46.6	46.5	46.5	46.5	46.2
20	40.7	40.7	40.7	40.7	40.6	40.6	40.6	40.6	40.4	40.4	40.4	40.4	40.3	40.3	40.3	40.3
22	35.8	35.8	35.8	35.8	35.7	35.7	35.7	35.7	35.5	35.5	35.5	35.5	35.4	35.4	35.4	35.4
24	31.8	31.8	31.8	31.8	31.7	31.7	31.7	31.7	31.5	31.5	31.5	31.5	31.4	31.4	31.4	31.4
25	30.1	30.1	30.1	30.1	30.0	30.0	30.0	30.0	29.8	29.8	29.8	29.8	29.7	29.7	29.7	29.7
26	28.5	28.5	28.5	28.5	28.4	28.4	28.4	28.4	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
28	25.8	25.8	25.8	25.8	25.7	25.7	25.7	25.7	25.5	25.5	25.5	25.5	25.4	25.4	25.4	25.4
30	23.4	23.4	23.4	23.4	23.3	23.3	23.3	23.3	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
32	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.1	21.1	21.1	21.1	21.0	21.0	21.0	21.0
34					19.5	19.5	19.5	19.5	19.3	19.3	19.3	19.3	19.2	19.2	19.2	19.2
35					18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.4	18.4	18.4	18.4
36									17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
38									16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
40													15.0	15.0	15.0	15.0

Carbody counterweight: 36.2 t with 1200 mm flat track pads

Rear counterweight:

72.3 t 82.3 t

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 11962152

	Main boom length 44 m				Main boom length 47 m				Main boom length 53 m				Main boom length 59 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
5	122.1	122.1			111.4				93.5				78.9			
6	122.1	122.1	111.0		111.4	111.4	101.4		93.5	93.5			78.9	78.9		
7	117.5	117.5	107.6	94.2	108.8	108.8	100.0	85.8	93.5	93.5	85.0		78.9	78.9	73.0	
8	111.0	107.1	103.5	92.2	104.4	103.8	97.0	82.6	89.6	89.6	82.8	73.5	76.9	76.9	72.4	63.0
9	98.7	95.6	92.6	89.8	96.0	92.8	89.8	79.1	86.9	86.9	81.0	72.5	73.2	73.2	70.8	62.0
10	88.8	86.2	83.7	81.4	86.5	83.8	81.3	75.7	82.1	79.4	76.8	70.9	70.5	70.5	69.5	61.1
11	80.5	78.3	76.3	74.3	78.6	76.3	74.2	72.2	74.8	72.5	70.3	68.2	67.8	67.8	66.7	59.7
12	73.6	71.7	70.0	68.2	71.9	70.0	68.2	66.4	68.6	66.6	64.7	62.9	65.5	63.4	61.5	58.5
14	62.6	61.2	59.8	58.5	61.2	59.8	58.4	57.1	58.6	57.1	55.7	54.3	56.1	54.6	53.0	51.6
16	54.2	53.1	52.1	51.0	53.1	52.0	50.9	49.8	51.0	49.8	48.6	47.5	48.9	47.6	46.4	45.2
18	46.3	46.3	45.9	45.1	46.2	45.8	44.9	44.1	44.9	43.9	43.0	42.1	43.1	42.0	41.1	40.1
20	40.1	40.1	40.1	40.1	40.0	40.0	40.0	39.4	39.6	39.2	38.4	37.6	38.3	37.5	36.7	35.9
22	35.2	35.2	35.2	35.2	35.1	35.1	35.1	35.1	34.7	34.7	34.5	33.9	34.4	33.7	33.0	32.3
24	31.2	31.2	31.2	31.2	31.1	31.1	31.1	31.1	30.8	30.8	30.8	30.7	30.4	30.4	29.9	29.3
26	28.0	28.0	28.0	28.0	27.8	27.8	27.8	27.8	27.5	27.5	27.5	27.5	27.1	27.1	27.1	26.7
28	25.2	25.2	25.2	25.2	25.0	25.0	25.0	25.0	24.7	24.7	24.7	24.7	24.3	24.3	24.3	24.3
30	22.8	22.8	22.8	22.8	22.7	22.7	22.7	22.7	22.3	22.3	22.3	22.3	22.0	22.0	22.0	22.0
32	20.8	20.8	20.8	20.8	20.7	20.7	20.7	20.7	20.3	20.3	20.3	20.3	19.9	19.9	19.9	19.9
34	19.0	19.0	19.0	19.0	18.9	18.9	18.9	18.9	18.5	18.5	18.5	18.5	18.1	18.1	18.1	18.1
36	17.5	17.5	17.5	17.5	17.3	17.3	17.3	17.3	17.0	17.0	17.0	17.0	16.6	16.6	16.6	16.6
38	16.1	16.1	16.1	16.1	15.9	15.9	15.9	15.9	15.6	15.6	15.6	15.6	15.2	15.2	15.2	15.2
40	14.8	14.8	14.8	14.8	14.7	14.7	14.7	14.7	14.4	14.4	14.4	14.4	14.0	14.0	14.0	14.0
42	13.7	13.7	13.7	13.7	13.6	13.6	13.6	13.6	13.2	13.2	13.2	13.2	12.8	12.8	12.8	12.8
44	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.2	12.2	12.2	12.2	11.9	11.9	11.9	11.9
46					11.7	11.7	11.7	11.7	11.4	11.4	11.4	11.4	11.0	11.0	11.0	11.0
48									10.5	10.5	10.5	10.5	10.2	10.2	10.2	10.2
50									9.8	9.8	9.8	9.8	9.4	9.4	9.4	9.4
55													7.7	7.7	7.7	7.7
	Main boom length 65 m				Main boom length 71 m				Main boom length 77 m				Main boom length 86 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
5	65.0															
6	65.0				54.4				44.9				34.0			
7	65.0	65.0			54.4	54.4			44.9	44.9			34.0			
8	65.0	65.0	61.0		54.4	54.4	53.2		44.9	44.9			34.0	34.0		
9	62.5	62.5	59.7	54.1	53.6	53.6	52.9	44.8	44.9	44.9	43.5		34.0	34.0	34.0	
10	60.4	60.4	58.4	53.4	52.0	52.0	51.6	43.8	44.0	44.0	42.8	38.8	33.8	33.8	33.8	
12	56.7	56.7	55.7	51.8	49.3	49.3	49.3	42.1	42.6	42.6	41.4	38.4	32.7	32.7	32.7	29.5
14	53.7	52.1	50.6	49.1	46.6	46.6	46.4	40.4	40.2	40.2	39.5	37.4	31.5	31.5	31.5	29.0
16	46.9	45.6	44.3	43.1	44.7	43.6	42.3	39.1	38.3	38.3	38.1	36.5	30.2	30.2	30.2	27.9
18	41.4	40.3	39.3	38.3	39.7	38.6	37.5	36.5	36.5	36.5	35.8	34.8	29.2	29.2	29.2	27.1
20	36.8	36.0	35.1	34.3	35.3	34.4	33.5	32.6	33.9	32.9	32.0	31.1	28.2	28.2	28.2	26.3
22	33.0	32.3	31.6	30.9	31.7	30.9	30.2	29.4	30.4	29.6	28.8	28.0	26.9	26.9	26.8	25.0
24	29.8	29.2	28.6	28.0	28.6	27.9	27.3	26.6	27.4	26.7	26.0	25.4	25.6	24.8	24.1	23.4
26	26.7	26.5	26.0	25.5	25.9	25.3	24.8	24.2	24.8	24.2	23.6	23.0	23.1	22.5	21.8	21.2
28	23.9	23.9	23.7	23.3	23.5	23.1	22.6	22.1	22.6	22.0	21.5	21.0	21.0	20.4	19.8	19.3
30	21.6	21.6	21.6	21.4	21.2	21.1	20.7	20.2	20.6	20.1	19.6	19.2	19.1	18.6	18.1	17.6
32	19.5	19.5	19.5	19.5	19.1	19.1	19.0	18.6	18.7	18.4	18.0	17.6	17.4	16.9	16.5	16.0
34	17.8	17.8	17.8	17.8	17.3	17.3	17.3	17.1	16.9	16.9	16.5	16.1	15.8	15.5	15.0	14.7
36	16.2	16.2	16.2	16.2	15.8	15.8	15.8	15.8	15.4	15.4	15.2	14.8	14.4	14.1	13.8	13.4
38	14.8	14.8	14.8	14.8	14.4	14.4	14.4	14.4	14.0	14.0	14.0	13.7	13.1	12.9	12.6	12.3
42	12.5	12.5	12.5	12.5	12.1	12.1	12.1	12.1	11.7	11.7	11.7	11.7	11.0	10.9	10.6	10.4
46	10.6	10.6	10.6	10.6	10.2	10.2	10.2	10.2	9.8	9.8	9.8	9.8	9.1	9.1	8.9	8.7
50	9.0	9.0	9.0	9.0	8.6	8.6	8.6	8.6	8.2	8.2	8.2	8.2	7.5	7.5	7.5	7.3
55	7.4	7.4	7.4	7.4	6.9	6.9	6.9	6.9	6.5	6.5	6.5	6.5	5.8	5.8	5.8	5.7
60	6.0	6.0	6.0	6.0	5.6	5.6	5.6	5.6	5.2	5.2	5.2	5.2	4.5	4.5	4.5	4.4
65					4.4	4.4	4.4	4.4	4.0	4.0	4.0	4.0	3.3	3.3	3.3	3.3
70					3.4	3.4	3.4	3.4	3.0	3.0	3.0	3.0	2.3	2.3	2.3	2.3
75									2.1	2.1	2.1	2.1				

LR 1300.1 SX [1006.02]

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 11962213

	Main boom length 20 m				Main boom length 23 m				Main boom length 26 m				Main boom length 29 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
3.6	300.5															
	300.5	248.2			300.5				300.5				287.3			
5	300.5	248.2	230.3	215.2	296.3	272.5	249.7	230.9	299.8	282.7	277.1		287.3	285.5	278.0	
6	262.9	238.8	230.3	215.2	260.0	249.2	235.5	224.2	256.3	250.9	249.3	246.9	251.2	249.0	246.3	240.2
7	229.5	217.2	213.6	203.3	227.7	217.8	216.9	215.7	222.2	215.1	214.0	212.6	218.9	214.8	213.6	211.7
8	202.6	190.4	189.3	186.3	200.2	190.2	189.7	189.0	198.2	190.4	189.6	188.7	195.7	189.8	189.0	187.9
9	182.4	170.5	170.3	170.0	179.9	169.7	169.4	169.0	176.9	168.6	168.2	167.6	175.4	169.0	168.5	167.6
10	164.4	152.7	152.6	152.3	163.5	153.0	152.8	152.5	161.2	152.6	152.3	151.8	158.6	151.8	151.3	150.7
11	150.6	139.1	139.0	138.9	148.8	137.9	137.7	137.5	147.2	138.2	138.0	137.7	146.2	138.8	138.5	138.1
12	137.5	127.1	127.0	126.9	137.1	125.8	125.7	125.6	134.7	125.3	125.1	124.9	134.0	126.3	126.0	125.7
13	126.1	115.9	115.8	115.8	126.0	116.1	116.0	115.9	124.4	114.6	114.5	114.4	123.2	115.1	114.9	114.6
14	116.1	106.5	106.5	106.4	116.2	106.7	106.6	106.5	115.7	106.3	106.2	106.1	114.1	105.7	105.5	105.3
15	105.3	99.1	99.1	99.0	105.4	98.5	98.5	98.4	105.3	98.4	98.3	98.2	105.4	98.1	98.0	97.9
16	96.2	92.2	92.2	92.1	96.4	91.6	91.6	91.6	96.2	91.3	91.2	91.2	96.3	91.5	91.4	91.3
18	81.8	80.4	80.4	80.4	82.0	80.6	80.6	80.6	81.8	79.8	79.8	79.8	81.9	79.8	79.8	79.7
20	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	70.9	70.9	70.9	70.9	71.0	70.9	70.8	70.8
22					62.4	62.4	62.4	62.4	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4
24					55.4	55.4	55.4	55.4	55.3	55.3	55.3	55.3	55.5	55.5	55.5	55.5
25									52.3	52.3	52.3	52.3	52.6	52.6	52.6	52.6
26									49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8
28													45.0	45.0	45.0	45.0
30													40.9	40.9	40.9	40.9
	Main boom length 32 m				Main boom length 35 m				Main boom length 38 m				Main boom length 41 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
4	270.4															
5	270.4	270.4			254.1	254.1			238.9	238.9			226.0	226.0		
6	245.5	245.4	244.6	231.4	240.9	240.9	240.4	224.5	236.5	236.5	236.5		226.0	226.0	226.0	
7	215.8	214.7	213.1	210.7	212.6	212.4	210.9	209.9	206.9	206.9	206.9	201.4	202.4	202.4	202.4	192.3
8	191.1	187.8	186.8	185.2	187.8	186.2	185.1	183.4	184.6	184.1	183.8	180.9	182.0	181.9	181.8	180.8
9	173.2	168.7	168.0	167.0	170.0	167.2	166.4	164.3	166.0	164.8	164.3	159.2	163.2	163.0	162.6	157.3
10	156.5	150.9	150.4	149.6	154.6	150.8	150.2	148.4	152.3	150.6	149.9	143.7	149.2	148.7	148.0	139.7
11	143.0	136.6	136.2	135.6	140.9	136.0	135.5	134.1	138.8	135.8	135.2	130.3	137.2	136.0	135.4	127.0
12	132.8	125.7	125.5	125.0	129.8	123.9	123.6	122.6	127.3	123.2	122.7	119.0	125.9	123.4	122.8	116.1
13	122.2	114.9	114.7	114.4	121.0	114.6	114.3	113.5	118.0	113.0	112.6	109.7	116.3	112.7	112.2	106.8
14	112.8	105.4	105.2	105.0	111.9	105.3	105.2	104.6	110.3	104.8	104.5	102.3	108.5	103.9	103.6	99.3
15	104.8	97.3	97.1	97.0	103.8	97.2	97.0	96.6	102.5	96.9	96.6	95.0	101.8	96.7	96.5	93.0
16	96.1	90.6	90.5	90.4	95.9	90.1	90.0	89.7	95.6	89.8	89.6	88.4	95.0	89.8	89.6	86.8
18	81.7	79.6	79.5	79.4	81.5	79.2	79.1	79.0	81.2	78.2	78.1	77.7	81.2	78.1	78.0	76.3
20	70.8	70.3	70.2	70.2	70.6	70.2	70.1	70.0	70.3	69.7	69.6	69.6	70.2	69.3	69.2	68.4
22	62.2	62.2	62.2	62.2	62.0	62.0	62.0	62.0	61.7	61.7	61.7	61.7	61.6	61.6	61.6	61.6
24	55.3	55.3	55.3	55.3	55.1	55.1	55.1	55.1	54.8	54.8	54.8	54.8	54.7	54.7	54.7	54.7
25	52.3	52.3	52.3	52.3	52.2	52.2	52.2	52.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
26	49.6	49.6	49.6	49.6	49.4	49.4	49.4	49.4	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
28	44.8	44.8	44.8	44.8	44.7	44.7	44.7	44.7	44.4	44.4	44.4	44.4	44.3	44.3	44.3	44.3
30	40.7	40.7	40.7	40.7	40.6	40.6	40.6	40.6	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
32	37.2	37.2	37.2	37.2	37.1	37.1	37.1	37.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
34					34.0	34.0	34.0	34.0	33.8	33.8	33.8	33.8	33.7	33.7	33.7	33.7
35					32.6	32.6	32.6	32.6	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
36					15.2	15.2	15.2	15.2	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
38									28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
40													26.6	26.6	26.6	26.6

Carbody counterweight: 57.0 t with 1200 mm flat track pads

Rear counterweight:

104.0 t 114.0 t 124.0 t

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 11962213

	Main boom length 47 m				Main boom length 53 m				Main boom length 59 m				Main boom length 65 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
5	200.9				179.0				159.9							
6	200.9	200.9			179.0	179.0			159.9	159.9			143.5			
7	194.2	194.2	194.2	169.6	179.0	179.0	175.0		159.9	159.9	150.9		143.5	143.5		
8	173.0	173.0	173.0	157.0	164.9	164.9	162.7	142.1	157.6	157.6	149.6	129.2	143.5	143.5	133.0	
9	157.2	157.2	156.3	143.9	150.4	150.4	148.6	134.4	142.2	142.2	137.2	122.2	135.6	135.6	127.4	111.6
10	142.8	142.8	140.6	129.9	137.3	137.3	135.0	123.1	131.8	131.8	127.8	116.9	124.1	124.1	119.2	106.8
12	122.3	121.9	118.5	110.2	116.6	116.6	112.4	103.9	111.0	111.0	107.4	98.5	106.4	106.1	102.6	94.0
14	104.5	102.5	100.5	94.2	101.3	99.9	96.7	90.2	97.0	95.4	92.8	86.1	92.2	91.3	88.5	81.4
16	91.7	88.4	87.4	82.6	88.3	86.7	83.7	78.6	84.5	83.2	80.8	75.2	81.6	79.8	77.7	72.2
18	80.6	77.5	77.0	73.2	78.4	76.4	74.2	70.1	74.5	73.5	71.0	66.6	71.9	70.6	68.6	63.9
20	69.7	68.3	68.0	65.1	69.2	67.7	66.1	62.7	67.0	65.6	63.8	60.1	64.1	63.0	61.0	57.1
22	61.1	61.0	60.8	58.7	60.6	60.2	59.1	56.2	60.0	59.0	57.2	54.1	58.0	56.7	55.2	52.0
24	54.2	54.2	54.2	53.6	53.7	53.7	53.4	51.0	53.1	53.1	51.5	48.8	52.5	51.4	49.8	47.0
26	48.5	48.5	48.5	48.5	48.0	48.0	48.0	46.8	47.4	47.4	46.7	44.4	46.8	46.8	45.1	42.6
28	43.7	43.7	43.7	43.7	43.2	43.2	43.2	43.0	42.6	42.6	42.6	40.9	42.0	42.0	41.0	38.9
30	39.7	39.7	39.7	39.7	39.2	39.2	39.2	39.2	38.6	38.6	38.6	37.7	38.0	38.0	37.7	35.8
32	36.2	36.2	36.2	36.2	35.7	35.7	35.7	35.7	35.1	35.1	35.1	34.8	34.5	34.5	34.5	33.2
34	33.2	33.2	33.2	33.2	32.7	32.7	32.7	32.7	32.0	32.0	32.0	32.0	31.4	31.4	31.4	30.7
36	30.5	30.5	30.5	30.5	30.0	30.0	30.0	30.0	29.4	29.4	29.4	29.4	28.8	28.8	28.8	28.4
38	28.2	28.2	28.2	28.2	27.6	27.6	27.6	27.6	27.0	27.0	27.0	27.0	26.4	26.4	26.4	26.3
40	26.0	26.0	26.0	26.0	25.6	25.6	25.6	25.6	24.9	24.9	24.9	24.9	24.3	24.3	24.3	24.3
42	24.2	24.2	24.2	24.2	23.7	23.7	23.7	23.7	23.0	23.0	23.0	23.0	22.4	22.4	22.4	22.4
44	22.4	22.4	22.4	22.4	22.0	22.0	22.0	22.0	21.3	21.3	21.3	21.3	20.7	20.7	20.7	20.7
46	20.8	20.8	20.8	20.8	20.4	20.4	20.4	20.4	19.8	19.8	19.8	19.8	19.2	19.2	19.2	19.2
50					17.7	17.7	17.7	17.7	17.1	17.1	17.1	17.1	16.5	16.5	16.5	16.5
55									14.3	14.3	14.3	14.3	13.8	13.8	13.8	13.8
60													11.5	11.5	11.5	11.5
65													9.5	9.5	9.5	9.5
	Main boom length 71 m				Main boom length 77 m				Main boom length 83 m				Main boom length 92 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
6	127.7				110.7				95.6							
7	127.7	127.7			110.7	110.7			95.6				78.3			
8	127.7	127.7	117.6		110.7	110.7			95.6	95.6			78.3	78.3		
9	127.7	127.7	117.6		110.7	110.7	105.6		95.6	95.6	92.5		78.3	78.3		
10	116.9	116.9	110.5	97.8	107.0	107.0	102.8	90.2	95.6	95.6	92.5		78.3	78.3	74.3	
11	108.6	108.6	105.0	94.6	100.4	100.4	97.5	86.9	91.1	91.1	89.1	78.4	77.9	77.9	74.1	65.0
12	101.5	101.2	97.7	89.9	95.8	95.8	93.0	84.4	87.5	87.5	86.1	76.9	75.4	75.4	73.1	64.3
13	93.8	93.8	90.7	83.4	89.6	89.6	86.6	79.4	84.9	84.9	82.6	75.8	73.3	73.3	72.2	63.7
14	87.1	87.1	84.6	77.7	83.4	83.4	80.8	74.0	79.4	79.4	77.1	70.8	71.8	71.8	71.5	63.3
16	76.8	76.5	74.2	68.9	73.4	73.3	71.0	65.1	69.6	69.6	67.9	62.1	64.0	64.0	63.4	56.9
18	68.3	67.7	65.9	61.3	65.9	64.9	63.1	58.5	62.4	62.2	60.3	55.6	56.8	56.8	56.4	51.0
20	61.0	60.5	58.8	54.7	58.8	58.0	56.4	52.3	56.3	55.6	54.0	50.1	51.4	51.4	50.4	46.5
22	55.1	54.4	52.8	49.3	52.8	52.2	50.6	47.0	50.6	50.0	48.6	44.9	46.6	46.6	45.4	42.0
24	50.4	49.3	48.0	45.1	47.9	47.2	45.7	42.6	45.8	45.2	43.8	40.6	42.2	42.2	41.1	37.8
26	45.8	44.8	43.5	40.9	44.0	43.0	41.8	39.1	41.8	41.1	39.8	37.0	38.4	38.4	37.2	34.2
28	41.4	41.0	39.5	37.2	40.2	39.2	38.0	35.6	38.4	37.5	36.4	33.9	35.2	34.9	33.8	31.1
30	37.3	37.3	36.0	34.0	36.7	36.0	34.5	32.4	35.1	34.3	33.2	30.9	32.6	31.9	31.0	28.6
34	30.8	30.8	30.6	29.0	30.2	30.2	28.9	27.2	29.5	28.9	27.5	25.8	27.4	26.7	25.6	23.7
38	25.8	25.8	25.8	24.8	25.1	25.1	24.8	23.4	24.5	24.5	23.2	21.8	23.1	22.5	21.2	19.6
42	21.8	21.8	21.8	21.3	21.2	21.2	21.1	20.0	20.5	20.5	19.8	18.6	19.5	19.1	17.8	16.5
46	18.5	18.5	18.5	18.5	17.9	17.9	17.9	17.1	17.2	17.2	16.8	15.8	16.2	16.2	15.1	14.0
50	15.8	15.8	15.8	15.8	15.2	15.2	15.2	14.8	14.6	14.5	14.3	13.4	13.5	13.5	12.6	11.7
55	13.1	13.1	13.1	13.1	12.5	12.5	12.5	12.4	11.8	11.8	11.8	11.1	10.7	10.6	9.9	9.1
60	10.8	10.8	10.8	10.8	10.2	10.2	10.2	10.2	9.5	9.5	9.5	9.0	8.4	8.4	7.8	7.2
65	8.8	8.8	8.8	8.8	8.3	8.3	8.3	8.3	7.6	7.6	7.5	7.2	6.2	6.2	6.0	5.4
70	7.2	7.2	7.2	7.2	6.6	6.6	6.6	6.6	5.6	5.6	5.6	5.6	4.2	4.2	4.2	3.8
75					4.8	4.8	4.8	4.8	3.8	3.8	3.8	3.8	2.5	2.5	2.5	2.5
80									2.3	2.3	2.3	2.3				

LR 1400 SX [1007.01]

Lifting capacities in [t] - main boom on floating unit with inclination [0/1/2/3°] - TLT 13630772

Radius [m]	Main boom length 20 m				Main boom length 23 m				Main boom length 26 m				Main boom length 29 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
4.2	380.0															
5	380.0	321.3	301.0		380.0	324.2			379.4	323.7			361.9	313.1		
6	351.0	316.2	296.6	277.5	350.2	324.2	295.6	268.8	348.2	315.3	280.6	252.9	348.6	308.4	270.5	241.5
7	304.9	303.7	286.2	263.5	301.7	294.4	275.3	251.2	301.1	289.8	264.5	239.2	302.2	289.9	257.3	231.1
8	266.6	266.6	258.8	248.9	267.2	267.2	255.8	238.0	265.9	264.1	250.0	227.0	264.2	261.1	241.4	218.2
9	239.7	239.7	239.2	238.6	237.3	237.3	232.7	225.6	236.9	236.0	228.1	214.5	237.7	236.6	226.8	207.8
10	215.6	214.8	214.8	214.8	216.1	216.0	216.0	214.7	213.3	212.3	209.4	204.3	213.1	209.2	204.4	196.0
11	195.8	194.5	194.5	194.5	195.8	194.3	194.3	191.9	195.7	194.5	194.5	194.5	194.0	192.9	190.6	186.8
12	181.1	179.1	179.1	179.1	179.2	176.6	176.6	176.6	178.8	176.6	176.6	176.6	179.1	177.2	177.0	176.7
13	166.6	163.6	163.6	163.6	166.4	162.8	162.8	162.8	164.6	161.4	161.4	161.4	164.8	161.9	161.7	161.4
14	152.8	150.3	150.3	150.3	152.9	150.4	150.4	150.4	153.1	149.3	149.3	149.3	152.5	148.7	148.6	148.4
15	144.1	139.5	139.5	139.5	143.6	139.0	139.0	139.0	143.3	139.0	139.0	139.0	142.3	137.9	137.8	137.6
16	132.5	130.3	130.3	130.3	132.7	129.2	129.2	129.2	132.5	129.1	129.1	129.1	132.6	129.1	129.0	128.8
18	112.4	112.4	112.4	112.4	112.6	112.6	112.6	112.6	112.4	112.4	112.4	112.4	112.6	112.6	112.6	112.6
20	97.1	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5
22					85.6	85.6	85.6	85.6	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6
24					75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1
25									71.7	71.7	71.7	71.7	72.0	72.0	72.0	72.0
26									67.9	67.9	67.9	67.9	68.3	68.3	68.3	68.3
28													61.7	61.7	61.7	61.7
30													55.9	55.9	55.9	55.9
Radius [m]	Main boom length 32 m				Main boom length 35 m				Main boom length 41 m				Main boom length 47 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
5	345.7				330.7				303.2							
6	345.7	298.7	258.8		330.7	285.4	246.4		303.2	261.0			277.9	237.7		
7	299.9	283.0	247.8	220.9	297.5	274.5	237.3	210.0	281.2	258.8	219.3	31.8	277.9	237.7	198.7	
8	263.1	255.4	233.0	208.3	260.5	252.0	225.8	200.6	260.1	246.7	210.5	185.2	252.2	228.4	192.1	167.2
9	235.0	228.5	221.3	198.7	233.4	229.6	213.3	190.8	232.4	226.7	200.1	176.5	223.2	215.5	185.4	162.5
10	212.7	211.1	203.7	187.9	212.4	211.0	202.6	182.8	208.8	205.1	190.4	168.5	206.7	198.7	176.1	155.0
11	192.7	190.6	186.2	177.8	192.5	190.4	185.0	172.3	191.8	190.6	183.2	162.4	187.4	182.6	168.6	148.9
12	177.1	174.6	172.4	169.9	176.0	173.3	170.4	163.6	175.3	173.1	167.9	153.3	172.9	168.1	162.9	144.3
13	164.3	161.3	160.0	160.0	163.0	159.8	158.8	156.7	161.1	158.0	154.7	145.5	158.7	154.7	150.8	137.1
14	152.0	148.3	147.1	147.1	151.8	148.1	147.8	147.4	149.3	145.4	143.6	138.9	146.6	143.1	139.7	130.2
15	141.3	137.0	135.8	135.8	141.1	136.9	136.6	136.3	139.8	135.3	134.8	133.6	136.0	133.0	130.0	124.4
16	132.2	127.4	126.3	126.3	131.6	127.0	126.8	126.5	131.0	126.2	125.9	124.8	126.8	123.6	121.4	118.9
18	112.3	112.3	111.2	111.2	112.1	111.4	111.3	111.1	111.6	110.0	109.8	109.6	110.9	108.8	107.1	105.0
20	97.2	97.2	97.2	97.2	97.0	97.0	97.0	97.0	96.4	96.4	96.4	96.4	95.7	95.7	95.5	93.8
22	85.3	85.3	85.3	85.3	85.1	85.1	85.1	85.1	84.6	84.6	84.6	84.6	83.9	83.9	83.9	83.9
24	75.8	75.8	75.8	75.8	75.6	75.6	75.6	75.6	75.1	75.1	75.1	75.1	74.4	74.4	74.4	74.4
25	71.7	71.7	71.7	71.7	71.5	71.5	71.5	71.5	71.0	71.0	71.0	71.0	70.3	70.3	70.3	70.3
26	68.0	68.0	68.0	68.0	67.8	67.8	67.8	67.8	67.3	67.3	67.3	67.3	66.5	66.5	66.5	66.5
28	61.4	61.4	61.4	61.4	61.3	61.3	61.3	61.3	60.8	60.8	60.8	60.8	60.0	60.0	60.0	60.0
30	55.8	55.8	55.8	55.8	55.7	55.7	55.7	55.7	55.2	55.2	55.2	55.2	54.4	54.4	54.4	54.4
32	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.4	50.4	50.4	50.4	49.7	49.7	49.7	49.7
34					46.7	46.7	46.7	46.7	46.3	46.3	46.3	46.3	45.5	45.5	45.5	45.5
35					44.7	44.7	44.7	44.7	44.4	44.4	44.4	44.4	43.6	43.6	43.6	43.6
36					42.9	42.9	42.9	42.9	42.6	42.6	42.6	42.6	41.9	41.9	41.9	41.9
38									39.4	39.4	39.4	39.4	38.7	38.7	38.7	38.7
40									36.4	36.4	36.4	36.4	35.8	35.8	35.8	35.8
45													29.7	29.7	29.7	29.7
46													28.7	28.7	28.7	28.7

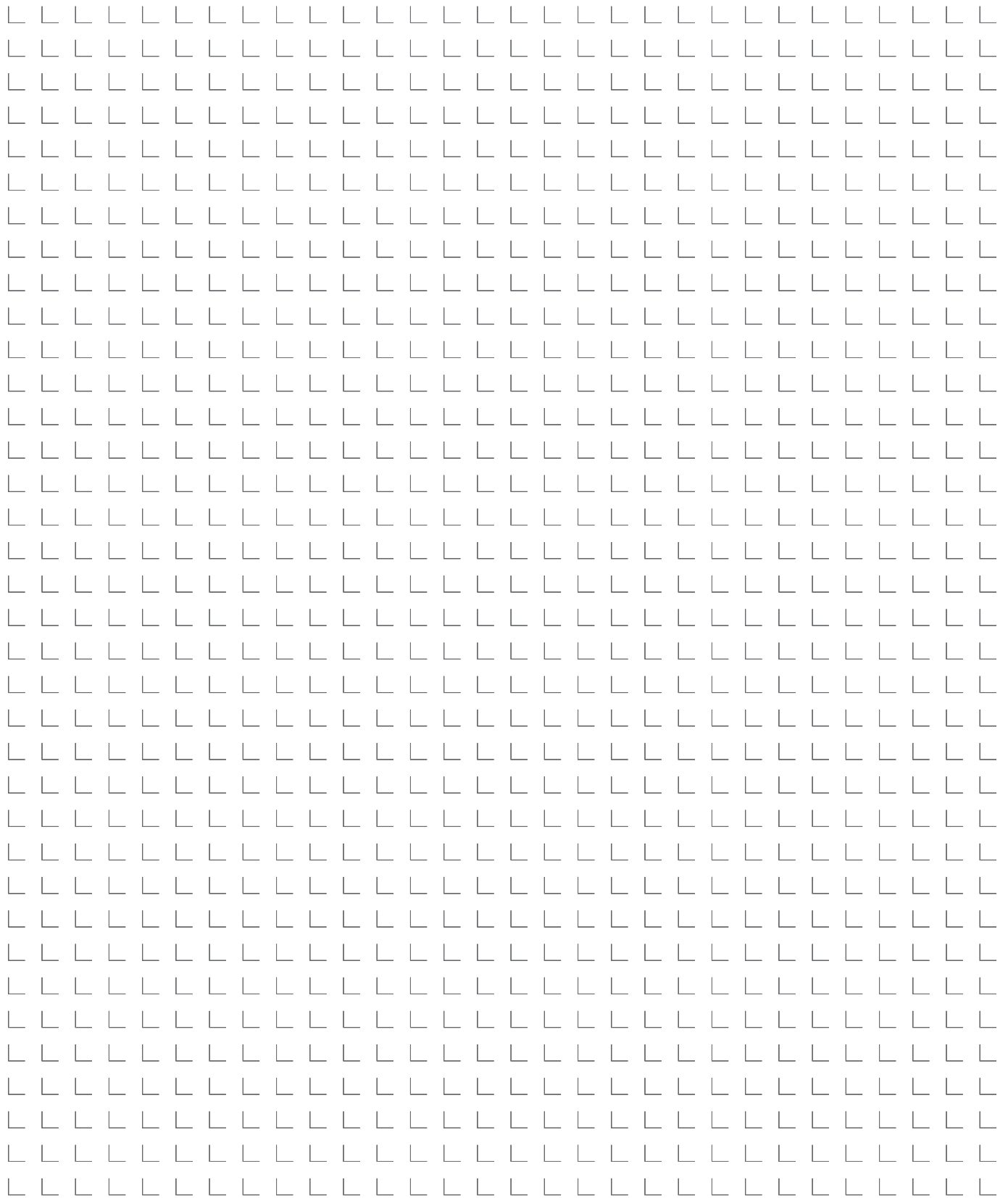
Carbody counterweight: 52.6 t with 1500mm flat track pads

Rear counterweight:

100.5 t 120.5 t 140.9 t 150.9 t

Lifting capacities in [t] – main boom on floating unit with inclination [0/1/2/3°] – TLT 13630772

	Main boom length 53 m				Main boom length 59 m				Main boom length 65 m				Main boom length 71 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
6	255.3				223.3				192.7				169.6			
7	255.3	211.4			223.3	182.6			192.7	163.6			169.6			
8	237.0	210.9	175.2		223.3	182.6	155.2		192.7	163.6	138.7		169.6	145.8		
9	220.9	197.9	168.0	147.0	209.0	179.0	151.9	132.5	192.7	163.6	138.5		169.6	145.8	123.9	
10	198.7	188.4	162.5	142.7	188.7	173.0	147.7	129.6	179.5	158.8	134.6	116.8	167.1	144.3	122.1	105.7
11	180.4	173.9	155.6	137.2	171.8	166.0	143.4	125.9	163.8	154.8	131.7	114.7	156.3	140.3	118.9	103.4
12	165.0	160.1	149.8	132.6	157.5	152.4	138.0	121.3	150.5	145.4	127.6	111.3	143.8	137.3	116.5	101.7
13	151.8	147.6	143.5	129.1	145.2	140.8	133.5	117.5	139.0	134.5	123.1	107.8	133.0	128.5	112.9	98.3
14	140.4	136.7	133.2	123.5	134.5	130.7	127.0	114.5	128.9	125.0	119.2	104.8	123.6	119.6	109.3	95.3
15	130.5	127.3	124.1	117.6	125.1	121.8	118.5	110.4	120.1	116.6	113.3	102.3	115.2	111.6	106.2	92.7
16	121.8	118.9	116.1	112.3	116.9	113.9	111.0	105.5	112.3	109.2	106.2	99.4	107.8	104.6	101.5	90.5
18	107.1	104.8	102.6	100.4	103.0	100.6	98.2	95.9	99.0	96.5	94.1	91.5	95.2	92.6	90.0	85.1
20	95.1	93.4	91.6	89.8	91.7	89.7	87.8	85.9	88.3	86.2	84.1	82.2	84.8	82.7	80.6	78.5
22	83.2	83.2	82.5	81.0	82.4	80.7	79.1	77.5	79.3	77.5	75.8	74.2	76.2	74.4	72.6	70.9
24	73.7	73.7	73.7	73.6	72.9	72.9	71.7	70.4	71.8	70.2	68.8	67.3	69.0	67.4	65.8	64.3
26	65.8	65.8	65.8	65.8	65.0	65.0	65.0	64.2	64.3	64.0	62.7	61.5	62.7	61.3	60.0	58.7
28	59.3	59.3	59.3	59.3	58.5	58.5	58.5	58.5	57.7	57.7	57.4	56.4	56.8	56.1	54.9	53.8
30	53.8	53.8	53.8	53.8	52.9	52.9	52.9	52.9	52.1	52.1	52.1	51.9	51.3	51.3	50.4	49.4
32	49.0	49.0	49.0	49.0	48.1	48.1	48.1	48.1	47.4	47.4	47.4	47.4	46.5	46.5	46.5	45.6
34	44.8	44.8	44.8	44.8	44.0	44.0	44.0	44.0	43.2	43.2	43.2	43.2	42.3	42.3	42.3	42.1
35	43.0	43.0	43.0	43.0	42.1	42.1	42.1	42.1	41.3	41.3	41.3	41.3	40.4	40.4	40.4	40.4
40	35.1	35.1	35.1	35.1	34.2	34.2	34.2	34.2	33.5	33.5	33.5	33.5	32.6	32.6	32.6	32.6
45	29.1	29.1	29.1	29.1	28.3	28.3	28.3	28.3	27.5	27.5	27.5	27.5	26.6	26.6	26.6	26.6
50	24.4	24.4	24.4	24.4	23.6	23.6	23.6	23.6	22.8	22.8	22.8	22.8	21.9	21.9	21.9	21.9
55					19.7	19.7	19.7	19.7	19.0	19.0	19.0	19.0	18.1	18.1	18.1	18.1
60									15.9	15.9	15.9	15.9	15.0	15.0	15.0	15.0
65									13.2	13.2	13.2	13.2	12.4	12.4	12.4	12.4
70													10.0	10.0	10.0	10.0
	Main boom length 77 m				Main boom length 83 m				Main boom length 89 m				Main boom length 95 m			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
7	152.5				133.8				119.5				106.0			
8	152.5	130.3			133.8	115.3			119.5				106.0			
9	152.5	130.3	109.8		133.8	115.3			119.5	103.0			106.0	90.5		
10	152.5	130.3	109.8		133.8	115.3	97.8		119.5	103.0	85.6		106.0	90.5		
11	149.0	127.1	107.2	91.9	132.6	114.6	96.6	81.4	119.5	103.0	85.6		106.0	90.5	72.8	
12	137.6	123.8	105.0	90.4	129.6	111.8	94.2	80.5	117.4	101.3	84.2	71.0	105.5	90.2	72.7	61.5
13	127.4	121.4	103.3	88.9	122.1	109.6	92.3	79.8	115.2	99.2	82.8	70.6	103.7	88.2	72.5	61.1
14	118.5	114.4	99.8	86.3	113.6	107.7	90.5	78.6	109.0	97.4	81.8	70.4	102.2	86.6	72.4	60.8
15	110.6	107.0	96.7	84.0	106.1	102.4	87.9	76.4	101.8	95.5	80.2	68.9	97.7	85.4	72.3	60.6
16	103.6	100.3	94.1	82.0	99.4	96.0	85.6	74.5	95.4	92.0	78.1	67.0	91.6	83.6	70.7	59.2
18	91.5	88.8	86.2	78.9	87.9	85.1	81.8	71.4	84.4	81.6	74.4	63.8	81.0	78.1	66.9	56.8
20	81.6	79.4	77.2	73.7	78.4	76.1	73.8	68.2	75.3	72.9	70.6	61.4	72.2	69.8	63.8	54.9
22	73.3	71.4	69.5	67.8	70.4	68.4	66.5	64.2	67.6	65.6	63.6	58.4	64.8	62.7	60.7	53.2
24	66.3	64.6	63.0	61.5	63.6	61.9	60.2	58.6	61.0	59.3	57.6	55.6	58.5	56.6	54.9	50.7
26	60.2	58.8	57.4	56.0	57.7	56.2	54.8	53.4	55.4	53.8	52.3	50.9	52.9	51.4	49.8	48.3
28	55.0	53.7	52.5	51.3	52.6	51.3	50.0	48.8	50.4	49.0	47.7	46.4	48.1	46.7	45.4	44.0
30	50.4	49.2	48.2	47.1	48.1	47.0	45.8	44.7	46.0	44.8	43.6	42.5	43.9	42.6	41.4	40.2
35	39.6	39.6	39.3	38.5	38.7	38.1	37.2	36.4	37.1	36.2	35.2	34.4	35.1	34.2	33.2	32.3
40	31.7	31.7	31.7	31.7	30.8	30.8	30.6	29.9	29.9	29.5	28.8	28.0	28.4	27.6	26.9	26.2
45	25.7	25.7	25.7	25.7	24.8	24.8	24.8	24.7	23.9	23.9	23.6	23.0	23.0	22.4	21.8	21.2
50	21.0	21.0	21.0	21.0	20.1	20.1	20.1	20.1	19.2	19.2	19.2	18.8	18.3	18.1	17.6	17.1
55	17.2	17.2	17.2	17.2	16.3	16.3	16.3	16.3	15.5	15.5	15.5	15.5	14.6	14.6	14.3	13.9
60	14.2	14.2	14.2	14.2	13.3	13.3	13.3	13.3	12.4	12.4	12.4	12.4	11.4	11.4	11.3	11.0
65	11.6	11.6	11.6	11.6	10.6	10.6	10.6	10.6	9.7	9.7	9.7	9.7	8.8	8.8	8.8	8.5
70	9.3	9.3	9.3	9.3	8.4	8.4	8.4	8.4	7.5	7.5	7.5	7.5	6.5	6.5	6.5	6.4
75	7.3	7.3	7.3	7.3	6.4	6.4	6.4	6.4	5.5	5.5	5.5	5.5	4.6	4.6	4.6	4.5
80					4.6	4.6	4.6	4.6	3.8	3.8	3.8	3.8	2.9	2.9	2.9	2.8
85									2.3	2.3	2.3	2.3				





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