

EN-US

# Floating unit operation

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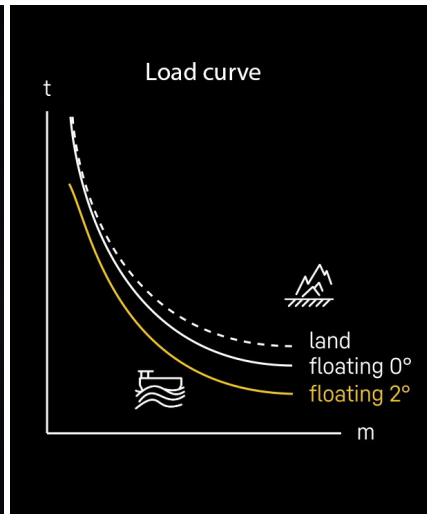
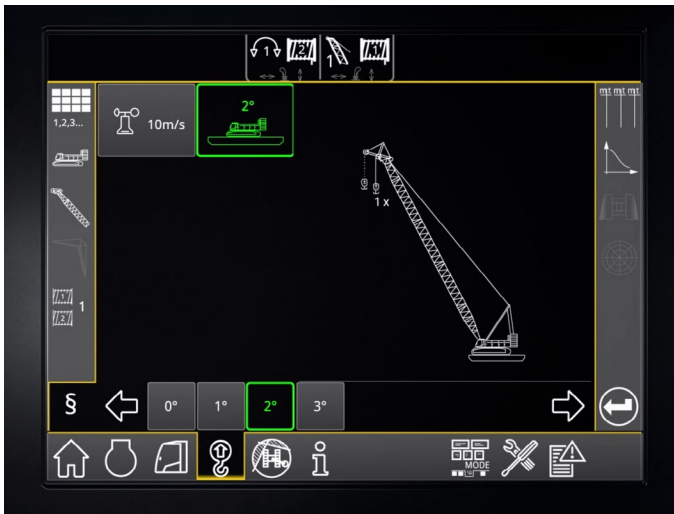
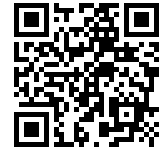
Crawler cranes



<b>Characteristics and benefits</b> .....	3
<b>Lifting operation with Vertical Line Finder</b> .....	4
<b>Pile-tilting device</b> .....	5
<b>Notes on the lifting capacities</b> .....	6
<b>LR 1100.1</b> [8503.02] .....	7
<b>LR 1110</b> [1001.02] .....	8
<b>LR 1130.1</b> [1002.04] .....	10
<b>LR 1160.1</b> [1003.04] .....	12
<b>LR 1200.1</b> [1004.03] .....	14
<b>LR 1250.1</b> [1004.03] .....	16
<b>LR 1300.1 SX</b> [1006.02] .....	18
<b>LR 1400 SX</b> [1007.01] .....	20

# 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 198,400 lbs.



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 and/or ASME B30.5 as well as ASME B30.8.
- 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 1.64 ft or the wave height WH a maximum of 2.3 ft).



open water

sheltered water

# LR 1100.1 [8503.02]

## Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 13669693

	Main boom length 46 ft				Main boom length 66 ft				Main boom length 85 ft				Main boom length 105 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
10.9	220.5															
15	185.7	175.8	171.9	164.2	172.0	170.9			159.4							
20	141.7	131.9	131.7	131.2	129.8	126.5	123.4	120.3	118.9	115.4	112.0	108.8	109.4	105.8		
25	103.8	103.8	103.8	103.8	101.5	99.5	97.5	95.5	94.4	92.0	89.8	87.7	87.9	85.4	83.1	80.9
30	80.3	80.3	80.3	80.3	80.3	80.3	80.3	79.0	78.0	76.3	74.8	73.2	73.2	71.4	69.7	68.1
35	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	64.9	64.9	63.8	62.7	62.5	61.1	59.8	58.6
40	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.4	54.4	54.4	54.4	54.0	53.3	52.2	51.3
45	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.6	46.6	46.6	46.6	46.2	46.2	46.2	45.4
50					40.8	40.8	40.8	40.8	40.6	40.6	40.6	40.6	40.2	40.2	40.2	40.2
55					36.1	36.1	36.1	36.1	35.8	35.8	35.8	35.8	35.4	35.4	35.4	35.4
60					32.2	32.2	32.2	32.2	32.0	32.0	32.0	32.0	31.6	31.6	31.6	31.6
65					28.9	28.9	28.9	28.9	28.8	28.8	28.8	28.8	28.4	28.4	28.4	28.4
70									26.2	26.2	26.2	26.2	25.7	25.7	25.7	25.7
75									23.8	23.8	23.8	23.8	23.4	23.4	23.4	23.4
80									21.8	21.8	21.8	21.8	21.4	21.4	21.4	21.4
85									20.0	20.0	20.0	20.0	19.7	19.7	19.7	19.7
90													18.2	18.2	18.2	18.2
95													16.8	16.8	16.8	16.8
100													15.5	15.5	15.5	15.5
105													14.4	14.4	14.4	14.4
	Main boom length 125 ft				Main boom length 144 ft				Main boom length 164 ft				Main boom length 203 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
20	101.2															
25	82.1	79.6	77.1		76.9	74.2			60.0							
30	68.8	67.0	65.2	63.4	64.8	62.8	61.0	59.2	54.6	54.6	53.5		29.4			
35	59.0	57.6	56.2	54.8	55.7	54.2	52.8	51.4	49.5	49.5	48.2	44.4	26.5	26.5	26.5	
40	51.4	50.3	49.2	48.1	48.7	47.5	46.3	45.2	45.4	44.8	43.6	40.9	24.1	24.1	24.1	24.9
45	45.5	44.5	43.6	42.8	43.1	42.1	41.1	40.2	40.8	39.8	38.8	37.4	21.8	21.8	21.8	22.2
50	39.7	39.7	39.1	38.4	38.5	37.7	36.9	36.1	36.5	35.6	34.8	33.9	20.2	20.2	20.2	20.3
55	35.0	35.0	35.0	34.7	34.4	34.0	33.3	32.6	32.9	32.1	31.4	30.7	18.4	18.4	18.2	18.1
60	31.1	31.1	31.1	31.1	30.6	30.6	30.2	29.7	29.8	29.1	28.5	27.9	16.8	16.8	16.5	16.1
65	27.9	27.9	27.9	27.9	27.4	27.4	27.4	27.1	26.8	26.5	26.0	25.5	15.4	15.4	15.1	14.5
70	25.3	25.3	25.3	25.3	24.8	24.8	24.8	24.8	24.1	24.1	23.8	23.4	14.4	14.4	13.9	13.2
75	23.0	23.0	23.0	23.0	22.4	22.4	22.4	22.4	21.8	21.8	21.8	21.5	13.2	12.9	12.4	11.8
80	21.0	21.0	21.0	21.0	20.4	20.4	20.4	20.4	19.8	19.8	19.8	19.8	12.2	11.4	11.0	10.5
85	19.2	19.2	19.2	19.2	18.7	18.7	18.7	18.7	18.1	18.1	18.1	18.1	11.3	10.2	9.7	9.3
90	17.7	17.7	17.7	17.7	17.2	17.2	17.2	17.2	16.6	16.6	16.6	16.6	10.5	9.1	8.6	8.3
95	16.3	16.3	16.3	16.3	15.8	15.8	15.8	15.8	15.3	15.3	15.3	15.3	9.8	8.1	7.6	7.4
100	15.1	15.1	15.1	15.1	14.6	14.6	14.6	14.6	14.1	14.1	14.1	14.1	9.2	7.4	6.9	6.7
105	14.0	14.0	14.0	14.0	13.5	13.5	13.5	13.5	13.0	13.0	13.0	13.0	8.9	6.8	6.4	6.2
110	13.0	13.0	13.0	13.0	12.5	12.5	12.5	12.5	12.0	12.0	12.0	12.0	8.6	6.3	5.9	5.7
115	12.1	12.1	12.1	12.1	11.6	11.6	11.6	11.6	11.1	11.1	11.1	11.1	8.3	5.8	5.5	5.3
120	11.3	11.3	11.3	11.3	10.8	10.8	10.8	10.8	10.3	10.3	10.3	10.3	8.1	5.3	5.1	4.9
125	10.5	10.5	10.5	10.5	10.0	10.0	10.0	10.0	9.5	9.5	9.5	9.5	7.8	4.9	4.7	4.5
130					9.3	9.3	9.3	9.3	8.8	8.8	8.8	8.8	7.6	4.6		
135					8.7	8.7	8.7	8.7	8.2	8.2	8.2	8.2	7.0			
140					8.1	8.1	8.1	8.1	7.6	7.6	7.6	7.6	6.4			
145									7.0	7.0	7.0	7.0	5.8			
150									6.5	6.5	6.5	6.5	5.3			
160									5.6	5.6	5.6	5.5				

Carbody counterweight: 42,300 lbs with 3ft flat track pads

Rear counterweight:

58,000 lbs    64,600 lbs    71,200 lbs

# LR 1110 [1001.02]

## Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11943097

Radius [ft]	Main boom length 46 ft				Main boom length 56 ft				Main boom length 66 ft				Main boom length 75 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
8.1	254.6															
10	254.6	254.6	239.3		254.6	243.2			219.3	188.3			209.4			
15	246.8	240.1	228.2	188.5	235.7	224.8	218.0	202.5	212.4	188.3	184.9	170.5	207.7	189.5	177.8	163.7
20	157.9	157.9	157.9	157.9	157.9	157.9	157.9	157.9	158.0	158.0	158.0	158.0	157.9	157.9	157.9	157.9
25	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.5	112.4	112.4	112.4	112.4
30	86.9	86.9	86.9	86.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.7	86.7	86.7	86.7
35	70.4	70.4	70.4	70.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.1	70.1	70.1	70.1
40	58.9	58.9	58.9	58.9	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.6	58.6	58.6	58.6
45	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.3	50.3	50.3	50.3	50.1	50.1	50.1	50.1
50					43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.6	43.6	43.6	43.6
55					38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.4	38.4	38.4	38.4
60									34.4	34.4	34.4	34.4	34.2	34.2	34.2	34.2
65									30.9	30.9	30.9	30.9	30.8	30.8	30.8	30.8
70													27.8	27.8	27.8	27.8
75													25.4	25.4	25.4	25.4
Radius [ft]	Main boom length 85 ft				Main boom length 95 ft				Main boom length 105 ft				Main boom length 115 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
10	197.0				180.6											
15	194.8	188.4	167.0	141.2	178.2	178.6	154.5	134.4	154.8	155.0	136.0		137.6	135.9	120.6	
20	158.0	158.0	149.0	125.9	157.9	157.3	137.0	115.2	140.4	136.5	118.0	104.3	130.4	126.1	112.2	93.4
25	112.4	112.4	112.4	112.4	112.3	112.3	112.3	101.8	112.2	112.2	109.0	93.9	112.1	112.1	98.8	85.2
30	86.6	86.6	86.6	86.6	86.5	86.5	86.5	86.5	86.4	86.4	86.4	85.9	86.2	86.2	86.2	78.7
35	70.1	70.1	70.1	70.1	69.9	69.9	69.9	69.9	69.8	69.8	69.8	69.8	69.6	69.6	69.6	69.6
40	58.6	58.6	58.6	58.6	58.4	58.4	58.4	58.4	58.2	58.2	58.2	58.2	58.0	58.0	58.0	58.0
45	50.1	50.1	50.1	50.1	49.9	49.9	49.9	49.9	49.7	49.7	49.7	49.7	49.5	49.5	49.5	49.5
50	43.6	43.6	43.6	43.6	43.4	43.4	43.4	43.4	43.2	43.2	43.2	43.2	43.0	43.0	43.0	43.0
55	38.4	38.4	38.4	38.4	38.2	38.2	38.2	38.2	38.0	38.0	38.0	38.0	37.8	37.8	37.8	37.8
60	34.2	34.2	34.2	34.2	34.0	34.0	34.0	34.0	33.8	33.8	33.8	33.8	33.6	33.6	33.6	33.6
65	30.8	30.8	30.8	30.8	30.5	30.5	30.5	30.5	30.4	30.4	30.4	30.4	30.1	30.1	30.1	30.1
70	27.8	27.8	27.8	27.8	27.6	27.6	27.6	27.6	27.4	27.4	27.4	27.4	27.2	27.2	27.2	27.2
75	25.4	25.4	25.4	25.4	25.2	25.2	25.2	25.2	25.0	25.0	25.0	25.0	24.8	24.8	24.8	24.8
80	23.2	23.2	23.2	23.2	23.0	23.0	23.0	23.0	22.9	22.9	22.9	22.9	22.6	22.6	22.6	22.6
85	21.3	21.3	21.3	21.3	21.1	21.1	21.1	21.1	21.0	21.0	21.0	21.0	20.7	20.7	20.7	20.7
90					19.4	19.4	19.4	19.4	19.3	19.3	19.3	19.3	19.0	19.0	19.0	19.0
95					18.0	18.0	18.0	18.0	17.8	17.8	17.8	17.8	17.6	17.6	17.6	17.6
100									16.5	16.5	16.5	16.5	16.2	16.2	16.2	16.2
105									15.3	15.3	15.3	15.3	15.0	15.0	15.0	15.0
110													14.0	14.0	14.0	14.0
115													13.0	13.0	13.0	13.0

Carbody counterweight: 38,600 lbs with 3ft flat track pads

Rear counterweight:

75,000 lbs



**Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11943097**

Radius [ft]	Main boom length 125 ft				Main boom length 135 ft				Main boom length 144 ft				Main boom length 154 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15	119.2	118.0			109.0	106.4			95.5	92.3			92.8	90.0		
20	114.8	110.9	92.9	79.6	105.4	101.0	84.0	72.6	93.6	89.6	76.8	66.8	92.3	89.1	81.1	67.3
25	108.5	102.0	86.0	74.2	99.1	92.3	77.4	67.2	89.1	83.3	70.7	60.6	89.6	85.0	78.2	65.5
30	86.1	86.1	80.5	69.8	86.0	84.4	71.6	62.6	83.9	75.9	64.6	52.4	85.3	75.2	69.4	61.3
35	69.5	69.5	68.8	61.8	69.3	69.3	63.8	56.2	69.1	69.1	59.3	47.2	69.0	68.4	63.2	58.4
40	57.9	57.9	57.9	55.9	57.7	57.7	55.9	49.7	57.5	57.5	51.8	43.4	57.3	57.3	55.5	51.6
45	49.4	49.4	49.4	49.4	49.2	49.2	49.2	45.0	49.0	49.0	46.0	40.5	48.8	48.8	48.8	45.7
50	42.8	42.8	42.8	42.8	42.6	42.6	42.6	41.2	42.4	42.4	41.8	37.9	42.2	42.2	42.2	41.2
55	37.7	37.7	37.7	37.7	37.4	37.4	37.4	37.4	37.2	37.2	37.2	35.2	37.0	37.0	37.0	37.0
60	33.5	33.5	33.5	33.5	33.2	33.2	33.2	33.2	33.0	33.0	33.0	32.9	32.8	32.8	32.8	32.8
65	30.0	30.0	30.0	30.0	29.7	29.7	29.7	29.7	29.5	29.5	29.5	29.5	29.3	29.3	29.3	29.3
70	27.0	27.0	27.0	27.0	26.8	26.8	26.8	26.8	26.6	26.6	26.6	26.6	26.5	26.5	26.5	26.5
75	24.7	24.7	24.7	24.7	24.4	24.4	24.4	24.4	24.2	24.2	24.2	24.2	23.9	23.9	23.9	23.9
80	22.5	22.5	22.5	22.5	22.2	22.2	22.2	22.2	22.0	22.0	22.0	22.0	21.8	21.8	21.8	21.8
85	20.6	20.6	20.6	20.6	20.3	20.3	20.3	20.3	20.1	20.1	20.1	20.1	19.9	19.9	19.9	19.9
90	18.9	18.9	18.9	18.9	18.7	18.7	18.7	18.7	18.5	18.5	18.5	18.5	18.2	18.2	18.2	18.2
95	17.4	17.4	17.4	17.4	17.2	17.2	17.2	17.2	17.0	17.0	17.0	17.0	16.7	16.7	16.7	16.7
100	16.1	16.1	16.1	16.1	15.9	15.9	15.9	15.9	15.6	15.6	15.6	15.6	15.4	15.4	15.4	15.4
105	14.9	14.9	14.9	14.9	14.7	14.7	14.7	14.7	14.5	14.5	14.5	14.5	14.2	14.2	14.2	14.2
110	13.8	13.8	13.8	13.8	13.6	13.6	13.6	13.6	13.4	13.4	13.4	13.4	13.1	13.1	13.1	13.1
115	12.9	12.9	12.9	12.9	12.6	12.6	12.6	12.6	12.4	12.4	12.4	12.4	12.1	12.1	12.1	12.1
120	12.0	12.0	12.0	12.0	11.7	11.7	11.7	11.7	11.5	11.5	11.5	11.5	11.2	11.2	11.2	11.2
125	11.1	11.1	11.1	11.1	10.9	10.9	10.9	10.9	10.7	10.7	10.7	10.7	10.4	10.4	10.4	10.4
130					10.1	10.1	10.1	10.1	9.9	9.9	9.9	9.9	9.7	9.7	9.7	9.7
135					9.4	9.4	9.4	9.4	9.2	9.2	9.2	9.2	9.0	9.0	9.0	9.0
140									8.6	8.6	8.6	8.6	8.3	8.3	8.3	8.3
145													7.7	7.7	7.7	7.7
150													7.2	7.2	7.2	7.2
Radius [ft]	Main boom length 174 ft				Main boom length 194 ft				Main boom length 213 ft				Main boom length 233 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15	72.2				59.0				47.3				38.7			
20	72.2	67.7	60.0		59.0	50.0	43.5		47.3	42.6			38.7	34.0		
25	70.7	64.9	54.4	45.8	58.0	48.9	42.5	37.1	47.2	42.1	37.0		38.7	34.0	29.4	
30	69.2	62.3	51.2	44.3	56.6	47.1	40.9	35.7	46.4	40.6	36.0	31.2	38.2	33.1	28.6	25.3
35	67.8	59.9	49.6	42.9	55.1	45.2	39.2	34.2	45.6	39.0	35.1	30.4	37.8	32.2	27.8	24.6
40	57.0	57.0	48.0	41.6	54.0	43.7	37.8	33.0	44.8	37.6	34.3	29.6	37.3	31.0	26.9	23.7
45	48.4	48.4	43.6	38.8	48.0	41.8	36.4	32.0	44.2	36.5	33.7	29.1	36.9	29.9	26.6	23.0
50	41.8	41.8	40.0	36.5	41.4	38.7	34.4	30.8	40.8	34.5	32.1	28.0	36.6	29.2	26.1	22.5
55	36.6	36.6	36.6	34.7	36.1	36.1	32.7	29.9	35.7	32.3	30.1	26.7	34.5	27.8	25.2	21.9
60	32.3	32.3	32.3	32.2	31.9	31.9	31.4	29.1	31.4	30.5	28.4	25.8	30.4	26.5	24.2	21.3
65	28.8	28.8	28.8	28.8	28.4	28.4	28.4	27.8	27.9	27.9	26.9	24.8	27.0	25.4	23.2	20.8
70	26.0	26.0	26.0	26.0	25.6	25.6	25.6	25.5	25.1	25.1	25.1	23.9	24.4	24.2	22.5	20.4
75	23.5	23.5	23.5	23.5	23.0	23.0	23.0	23.0	22.6	22.6	22.6	21.9	21.9	21.9	21.8	20.0
80	21.3	21.3	21.3	21.3	20.8	20.8	20.8	20.8	20.4	20.4	20.4	20.0	19.7	19.7	19.7	18.7
85	19.4	19.4	19.4	19.4	18.9	18.9	18.9	18.9	18.5	18.5	18.5	18.3	17.8	17.8	17.8	17.1
90	17.8	17.8	17.8	17.8	17.2	17.2	17.2	17.2	16.8	16.8	16.8	16.8	16.2	16.2	16.2	15.6
95	16.3	16.3	16.3	16.3	15.8	15.8	15.8	15.8	15.3	15.3	15.3	15.3	14.7	14.7	14.7	14.3
100	14.9	14.9	14.9	14.9	14.4	14.4	14.4	14.4	14.0	14.0	14.0	14.0	13.4	13.4	13.4	13.1
110	12.7	12.7	12.7	12.7	12.2	12.2	12.2	12.2	11.7	11.7	11.7	11.7	11.1	11.1	11.1	11.1
120	10.8	10.8	10.8	10.8	10.3	10.3	10.3	10.3	9.8	9.8	9.8	9.8	9.2	9.2	9.2	9.2
130	9.2	9.2	9.2	9.2	8.7	8.7	8.7	8.7	8.2	8.2	8.2	8.2	7.6	7.6	7.6	7.6
140	7.9	7.9	7.9	7.9	7.4	7.4	7.4	7.4	6.9	6.9	6.9	6.9	6.3	6.3	6.3	6.3
150	6.7	6.7	6.7	6.7	6.2	6.2	6.2	6.2	5.7	5.7	5.7	5.7	5.1	5.1	5.1	5.1
160	5.7	5.7	5.7	5.7	5.2	5.2	5.2	5.2	4.7	4.7	4.7	4.7	4.1	4.1	4.1	4.1
170	4.8	4.8	4.8	4.8	4.3	4.3	4.3	4.3	3.8	3.8	3.8	3.8	3.2	3.2	3.2	3.2
180					3.5	3.5	3.5	3.5	3.1	3.1	3.1	3.1	2.4	2.4	2.4	2.4
190					2.8	2.8	2.8	2.8	2.4	2.4	2.4	2.4				
195									2.0	2.0	2.0	2.0				

# LR 1130.1 [1002.04]

## Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11962420

	Main boom length 56 ft				Main boom length 66 ft				Main boom length 75 ft				Main boom length 85 ft				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
Radius [ft]	9.3	302.5															
	10	302.5			302.5				289.3								
	15	291.0	249.2	236.7	201.8	289.5	228.5	210.7	178.0	275.7	224.8	184.5	172.6	247.5	203.8	166.2	139.7
	20	222.2	202.0	198.9	164.0	221.6	199.1	175.2	149.7	218.8	188.1	154.5	147.6	209.6	164.4	142.1	123.8
	25	180.1	163.1	162.8	140.6	178.5	161.9	150.2	133.8	176.8	157.3	136.2	129.7	175.6	142.8	127.2	110.0
	30	150.5	135.8	135.7	126.7	149.4	135.2	130.4	114.9	148.9	135.4	122.6	115.3	146.7	127.9	115.0	97.2
	35	124.8	116.1	116.0	112.4	124.9	116.1	116.0	100.7	124.9	115.1	107.8	98.4	124.8	112.9	102.6	87.9
	40	103.6	101.3	101.2	100.9	103.6	100.8	100.7	93.1	103.6	100.9	97.2	87.2	103.5	99.1	91.3	80.4
	45	88.2	88.2	88.2	88.2	88.2	88.2	88.2	87.3	88.2	88.2	86.7	81.3	88.1	88.1	83.0	75.1
	50	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.5	76.5	75.4	71.0
55	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.4	67.4	67.4	67.4	
60					60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.0	60.0	60.0	60.0	
65					54.0	54.0	53.9	54.0	54.1	54.1	54.1	54.1	54.0	54.0	54.0	54.0	
70									49.0	49.0	49.0	49.0	48.9	48.9	48.9	48.9	
75									44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	
80													40.9	40.9	40.9	40.9	
85													37.6	37.6	37.6	37.6	
	Main boom length 95 ft				Main boom length 105 ft				Main boom length 115 ft				Main boom length 125 ft				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
Radius [ft]	15	225.2	173.4	150.5		207.1	163.3	137.5		194.0	146.0		171.3	129.6			
	20	197.2	142.2	132.0	116.3	189.6	137.3	124.0	101.6	181.0	132.4	114.2	102.6	163.4	122.4	102.7	87.0
	25	174.8	127.5	119.0	102.2	166.8	121.3	111.7	92.2	160.8	111.8	100.4	92.5	148.7	106.5	92.3	79.8
	30	145.6	110.1	104.0	92.9	144.3	106.3	99.5	84.4	144.1	97.9	90.7	84.9	136.2	92.6	85.4	74.4
	35	124.8	98.4	93.9	86.1	123.5	93.2	88.7	78.0	122.8	87.4	82.5	76.9	119.3	82.2	77.2	68.0
	40	103.5	89.0	85.2	77.5	103.4	84.0	80.6	72.0	103.2	79.9	76.7	71.2	103.0	74.1	70.7	63.1
	45	88.1	81.7	78.5	70.9	87.9	76.4	73.3	65.8	87.8	72.5	69.6	61.5	87.6	67.1	64.5	57.9
	50	76.5	75.2	72.7	66.3	76.3	70.5	67.7	60.9	76.1	66.3	63.7	53.2	75.9	59.1	56.6	50.9
	55	67.4	67.4	66.6	62.8	67.2	65.1	62.7	56.6	67.0	61.5	59.0	46.8	66.8	52.4	50.0	45.2
	60	60.0	60.0	60.0	59.9	59.8	59.8	57.7	52.4	59.7	57.1	54.7	44.1	59.4	47.3	44.8	40.6
65	54.0	54.0	54.0	54.0	53.8	53.8	53.5	48.8	53.6	52.9	50.7	42.5	53.4	45.1	42.6	38.7	
70	49.0	49.0	49.0	49.0	48.8	48.8	48.8	45.9	48.6	48.6	47.2	41.2	48.4	43.6	40.9	37.2	
75	44.7	44.7	44.7	44.7	44.5	44.5	44.5	42.8	44.3	44.3	44.3	40.0	44.1	42.3	39.4	36.0	
80	41.0	41.0	41.0	41.0	40.8	40.8	40.8	40.0	40.6	40.6	40.6	38.0	40.4	40.4	38.2	34.9	
85	37.8	37.8	37.7	37.8	37.6	37.6	37.6	37.4	37.4	37.4	37.4	35.5	37.2	37.2	36.5	33.4	
90	34.9	34.9	34.9	34.9	34.8	34.8	34.8	34.8	34.6	34.6	34.6	33.2	34.4	34.4	34.2	31.2	
95	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.1	32.1	32.1	31.2	31.9	31.9	31.9	29.2	
100					30.0	30.0	30.0	30.0	29.9	29.9	29.9	29.4	29.6	29.6	29.6	27.3	
105					27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.6	27.6	27.6	27.6	26.5	
110									26.1	26.1	26.1	26.1	25.9	25.9	25.9	25.2	
115									24.4	24.4	24.4	24.4	24.3	24.3	24.3	23.7	
120													22.8	22.8	22.8	22.1	
125													21.4	21.4	21.4	20.5	

Carbody counterweight: 44,100 lbs with 3.3 ft flat track pads

Rear counterweight:

115,300 lbs

**Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11962420**

Radius [ft]	Main boom length 135 ft				Main boom length 154 ft				Main boom length 174 ft				Main boom length 194 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15	153.9	112.3			133.9				109.5				93.7			
20	149.3	106.0	93.8	83.2	133.9	90.6	81.6		109.5	80.6	71.8		93.7	70.8		
25	137.7	93.6	86.2	77.1	123.1	81.6	75.1	67.9	106.2	77.3	69.0	60.4	92.9	69.7	60.0	49.7
30	126.9	84.9	79.5	71.6	113.1	73.2	68.3	61.9	102.2	73.3	65.7	56.6	90.1	66.8	57.7	48.1
35	115.9	77.3	73.0	64.4	105.3	66.9	63.3	57.6	98.3	69.3	62.5	52.1	87.4	63.6	53.5	46.0
40	102.9	69.9	66.4	56.4	96.4	58.8	56.0	51.2	95.5	66.5	60.2	48.9	85.1	61.0	50.0	44.4
45	87.5	64.3	61.5	52.3	87.1	51.2	49.2	45.3	86.6	60.2	54.7	45.9	83.0	58.3	47.2	42.6
50	75.8	57.7	55.2	47.2	75.4	45.3	43.9	40.8	75.0	55.0	50.2	43.4	74.5	52.5	44.1	39.8
55	66.6	51.3	49.0	42.6	66.2	41.2	40.1	37.4	65.8	51.9	46.6	41.4	65.3	47.5	41.5	37.3
60	59.3	46.0	43.9	38.8	58.8	37.9	37.0	34.4	58.4	48.6	43.5	39.1	57.9	43.5	39.3	35.3
65	53.3	41.8	39.9	36.2	52.8	35.0	34.4	31.8	52.3	45.1	40.4	36.3	51.8	40.4	37.3	33.4
70	48.2	40.3	38.2	34.7	47.7	32.7	32.1	29.6	47.3	42.0	37.7	33.8	46.8	37.8	34.7	31.1
75	43.9	39.0	36.6	33.4	43.4	30.9	30.4	28.0	43.0	39.4	35.3	31.7	42.4	35.5	32.4	28.9
80	40.2	37.9	35.2	32.2	39.7	30.0	29.2	26.8	39.3	37.2	33.3	29.9	38.7	33.4	30.3	27.0
85	37.0	36.9	34.0	31.1	36.5	29.1	28.0	26.6	36.1	35.2	31.7	28.5	35.5	31.6	28.5	26.2
90	34.2	34.2	32.8	30.1	33.7	28.3	27.0	25.6	33.2	32.8	30.1	27.4	32.7	30.1	27.0	25.0
95	31.7	31.7	30.8	28.1	31.2	27.6	26.6	24.6	30.8	30.6	28.6	26.6	30.2	28.4	26.6	23.9
100	29.5	29.5	28.8	26.6	29.0	27.1	26.1	23.8	28.5	28.5	27.3	26.1	28.0	26.7	25.4	22.9
105	27.5	27.5	27.0	25.7	27.0	26.6	24.9	22.6	26.6	26.6	26.3	25.0	26.1	25.8	24.1	21.9
110	25.8	25.8	25.8	24.0	25.3	24.9	23.3	21.1	24.9	24.9	24.8	24.1	24.3	24.1	22.8	21.0
120	22.7	22.7	22.7	21.3	22.2	21.9	20.4	18.4	21.7	21.7	21.7	21.7	21.2	21.2	20.7	19.4
130	20.0	20.0	20.0	18.6	19.6	19.4	17.9	16.1	19.1	19.1	19.1	19.1	18.6	18.6	18.6	17.9
140					17.4	17.3	15.9	14.1	16.9	16.9	16.9	16.8	16.4	16.4	16.4	15.7
150					15.4	15.2	13.8	12.2	15.0	14.9	14.9	14.9	14.4	14.3	14.2	13.8
160									13.3	13.2	13.2	13.2	12.8	12.4	12.4	12.2
170									11.8	11.4	11.4	11.4	11.3	10.9	10.9	10.7
180													10.0	9.5	9.5	9.1
190													8.8	8.1	8.1	7.5
Radius [ft]	Main boom length 203 ft				Main boom length 223 ft				Main boom length 243 ft				Main boom length 262 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15	83.8															
20	83.8	67.4			68.5	48.8			57.2				46.4			
25	83.6	67.1	56.2	44.2	68.5	48.8	43.7		57.2	41.5	37.1		46.4	32.5		
30	80.8	64.3	51.1	42.6	66.9	46.9	42.0	35.9	56.6	40.6	36.3	30.7	46.3	32.3	29.3	
35	78.5	60.1	48.6	41.1	65.4	45.2	40.6	34.6	55.2	39.2	35.1	29.7	45.2	30.4	27.8	24.1
40	76.3	55.4	46.9	39.6	63.2	43.2	38.9	33.2	53.8	37.7	33.9	28.6	44.3	28.9	26.6	23.3
45	74.5	51.9	45.6	38.6	61.4	41.6	37.5	32.0	52.1	36.4	32.8	27.6	42.6	27.0	25.5	22.1
50	70.0	49.8	44.0	37.3	60.0	40.4	36.5	31.1	50.8	35.2	31.9	26.8	41.1	26.0	24.1	21.2
60	57.6	46.6	41.3	35.2	54.0	37.3	33.8	28.8	47.6	33.1	30.0	25.2	38.8	23.5	21.9	19.5
70	46.5	43.2	38.4	32.9	46.0	35.1	31.9	27.1	44.3	31.1	28.2	23.8	35.8	20.5	19.2	17.1
80	38.4	37.2	33.8	29.4	37.9	32.1	29.1	25.3	37.4	29.6	26.7	22.7	33.5	18.2	17.2	15.3
90	32.4	32.4	30.2	26.6	31.9	28.9	26.6	23.3	31.3	26.6	24.0	20.1	30.7	16.3	15.4	13.7
100	27.7	27.7	27.0	25.2	27.2	26.4	24.8	21.7	26.6	24.0	21.2	18.0	26.2	14.2	13.5	11.9
110	24.0	24.0	23.6	22.1	23.5	23.5	22.5	19.9	22.9	21.8	18.9	16.2	22.4	12.4	11.8	10.4
120	20.9	20.9	20.6	19.4	20.4	20.4	19.5	17.5	19.8	19.4	16.8	14.7	19.2	11.0	10.5	9.2
130	18.3	18.3	18.1	17.2	17.7	17.7	16.9	15.5	17.2	16.7	14.8	13.1	16.6	10.1	9.6	8.3
140	16.1	16.1	15.9	15.3	15.5	15.4	14.8	13.8	14.9	14.4	13.0	11.7	14.4	9.4	9.0	7.5
150	14.2	14.0	13.8	13.4	13.6	13.4	13.0	12.3	13.0	12.4	11.4	10.5	12.5	8.7	8.3	6.8
160	12.5	12.1	12.0	11.8	12.0	11.6	11.3	10.8	11.4	10.8	10.1	9.4	10.8	8.1	7.8	6.3
170	11.0	10.4	10.4	10.4	10.5	9.9	9.7	9.4	9.9	9.2	8.7	8.0	9.3	7.7	7.3	5.8
180	9.7	9.1	9.1	9.1	9.2	8.4	8.3	8.1	8.6	7.8	7.4	6.7	8.0	6.2	5.9	
190	8.6	7.8	7.8	7.8	8.1	7.2	7.2	7.0	7.5	6.4	6.2	5.5	6.9	4.9	4.6	
200	7.5	6.6	6.6	6.6	7.0	6.1	6.1	6.0	6.4	5.3	5.2	4.5	5.9	3.6	3.3	
210					6.1	5.0	5.0	5.0	5.5	4.3	4.3		4.9	2.4	2.2	
220					5.2	4.0	4.0	4.0	4.6	3.4	3.4		4.1			
230									3.8	2.5	2.5		3.3			
240									3.1				2.6			
245													2.3			



# LR 1160.1 [1003.04]

## Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11962422

Radius [ft]	Main boom length 56 ft				Main boom length 66 ft				Main boom length 75 ft				Main boom length 84 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
10.2	302.0				302.0				302.0				302.0			
15	302.0	281.3	278.2	268.2	302.0	288.3	269.3	249.0	302.0	284.8	260.9	241.0	302.0	257.0	240.8	
20	299.7	250.6	250.6	249.1	301.5	252.8	252.8	239.9	297.1	260.9	250.4	228.7	294.3	241.7	217.9	184.2
25	270.4	225.0	225.0	225.0	261.7	217.1	217.1	214.8	258.6	231.3	227.1	205.7	266.0	221.7	193.1	165.8
30	201.6	201.6	201.6	201.6	201.9	196.7	196.7	196.7	201.9	201.9	201.9	185.2	202.1	197.0	176.1	149.6
35	160.2	160.2	160.2	160.2	160.4	160.4	160.4	160.4	160.4	160.4	160.4	160.4	160.6	160.6	160.6	143.4
40	132.4	132.4	132.4	132.4	132.7	132.7	132.7	132.7	132.6	132.6	132.6	132.6	132.8	132.8	132.8	132.8
45	112.5	112.5	112.5	112.5	112.8	112.8	112.8	112.8	112.8	112.8	112.8	112.8	112.9	112.9	112.9	112.9
50	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
55	85.7	85.7	85.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3
60					76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
65					69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.3	69.3	69.3	69.3
70									62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8
75									57.1	57.1	57.1	57.1	57.4	57.4	57.4	57.4
80													52.7	52.7	52.7	52.7
85													48.5	48.5	48.5	48.5
Radius [ft]	Main boom length 94 ft				Main boom length 104 ft				Main boom length 114 ft				Main boom length 133 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15	302.0	249.8	234.4		302.0	244.2			278.7	236.7			246.2			
20	292.1	238.6	217.4	179.8	298.3	239.8	196.0	167.9	278.7	223.9	178.5	156.0	244.6	172.1	145.3	124.0
25	257.9	217.4	189.0	163.5	248.2	207.5	178.0	150.6	242.4	198.0	161.6	142.8	231.7	157.1	134.6	114.2
30	202.1	190.7	166.8	145.6	202.1	182.8	161.5	138.0	202.0	176.9	149.1	132.8	193.9	142.2	124.9	103.7
35	160.5	160.5	151.7	133.5	160.4	160.4	145.8	127.5	160.3	155.2	136.4	121.2	160.1	131.0	115.5	96.2
40	132.7	132.7	132.7	129.0	132.6	132.6	132.6	120.8	132.4	132.4	127.3	113.0	132.2	120.7	105.2	89.8
45	112.8	112.8	112.8	112.8	112.7	112.7	112.7	112.7	112.5	112.5	112.5	107.2	112.2	112.2	97.6	85.0
50	97.8	97.8	97.8	97.8	97.7	97.7	97.7	97.7	97.5	97.5	97.5	97.5	97.2	97.2	93.0	82.8
55	86.1	86.1	86.1	86.1	86.0	86.0	86.0	86.0	85.8	85.8	85.8	85.8	85.5	85.5	85.5	81.3
60	76.8	76.8	76.8	76.8	76.7	76.7	76.7	76.7	76.4	76.4	76.4	76.4	76.1	76.1	76.1	76.1
65	69.1	69.1	69.1	69.1	69.0	69.0	69.0	69.0	68.8	68.8	68.8	68.8	68.5	68.5	68.5	68.5
70	62.7	62.7	62.7	62.7	62.6	62.6	62.6	62.6	62.4	62.4	62.4	62.4	62.0	62.0	62.0	62.0
75	57.3	57.3	57.3	57.3	57.2	57.2	57.2	57.2	56.9	56.9	56.9	56.9	56.6	56.6	56.6	56.6
80	52.6	52.6	52.6	52.6	52.5	52.5	52.5	52.5	52.3	52.3	52.3	52.3	52.0	52.0	52.0	52.0
85	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.2	48.2	48.2	48.2	47.9	47.9	47.9	47.9
90	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.7	44.7	44.7	44.7	44.4	44.4	44.4	44.4
95	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.5	41.5	41.5	41.5	41.2	41.2	41.2	41.2
100					38.9	38.9	38.9	38.9	38.7	38.7	38.7	38.7	38.5	38.5	38.5	38.5
105					36.3	36.3	36.3	36.3	36.2	36.2	36.2	36.2	36.0	36.0	36.0	36.0
110									33.9	33.9	33.9	33.9	33.7	33.7	33.7	33.7
115									31.8	31.8	31.8	31.8	31.6	31.6	31.6	31.6
120													29.8	29.8	29.8	29.8
125													28.0	28.0	28.0	28.0
130													26.5	26.5	26.5	26.5

Carbody counterweight: 44,100 lbs with 3.3 ft flat track pads

Rear counterweight:

137,400 lbs

**Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11962422**

	Main boom length 152 ft				Main boom length 171 ft				Main boom length 191 ft				Main boom length 209 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15	205.0				168.8				139.5							
20	205.0	148.1	128.1		168.8	120.4			139.5	96.9			110.4	81.4		
25	195.5	136.4	120.2	99.9	166.2	114.9	96.1	82.0	138.5	94.6	83.2	71.7	110.4	81.4	71.5	
30	176.8	124.6	108.6	91.8	160.1	106.6	90.4	77.5	133.6	88.3	78.2	67.6	106.5	75.8	66.8	53.6
35	159.0	115.5	99.3	86.0	145.7	96.6	84.6	73.0	127.1	81.4	72.6	62.9	103.1	70.8	61.7	49.4
40	131.9	105.2	91.6	79.9	131.6	89.7	80.4	69.4	120.8	75.8	68.1	59.2	99.2	65.3	55.3	46.3
45	111.8	95.5	84.9	74.3	111.5	82.6	74.5	62.7	111.1	70.6	63.8	55.5	96.3	61.1	50.5	44.0
50	96.8	87.9	79.7	70.0	96.4	76.7	69.6	57.2	96.0	63.3	57.5	50.3	92.2	56.3	46.8	41.3
55	85.0	82.8	76.4	67.6	84.7	72.0	65.8	53.0	84.2	57.1	52.2	46.0	83.8	50.7	43.4	38.4
60	75.7	75.7	74.0	65.9	75.3	68.6	62.3	51.0	74.8	52.1	48.0	42.4	74.3	46.0	40.6	36.0
65	68.0	68.0	68.0	64.5	67.6	65.9	58.9	49.5	67.0	49.3	45.3	40.3	66.6	42.1	38.2	34.0
70	61.6	61.6	61.6	61.6	61.1	61.1	55.9	48.3	60.6	47.4	43.9	39.2	60.2	39.4	36.5	32.6
75	56.1	56.1	56.1	56.1	55.7	55.7	53.3	47.2	55.2	45.8	42.6	38.3	54.7	38.0	35.4	31.7
80	51.5	51.5	51.5	51.5	51.0	51.0	51.0	46.3	50.5	44.3	41.5	37.5	50.0	36.7	34.3	30.8
85	47.4	47.4	47.4	47.4	47.0	47.0	47.0	44.3	46.4	43.0	40.6	36.8	45.9	35.6	33.4	30.1
90	43.9	43.9	43.9	43.9	43.4	43.4	43.4	41.8	42.9	42.1	39.8	36.3	42.4	34.6	32.6	29.5
100	38.0	38.0	38.0	38.0	37.5	37.5	37.5	37.5	36.9	36.9	35.4	32.2	36.4	32.6	30.8	28.0
110	33.2	33.2	33.2	33.2	32.8	32.8	32.8	32.8	32.2	32.2	31.6	28.8	31.7	28.9	27.3	25.3
120	29.3	29.3	29.3	29.3	28.9	28.9	28.9	28.9	28.3	28.3	28.3	26.1	27.8	26.1	24.8	22.4
130	26.1	26.1	26.1	26.1	25.7	25.7	25.7	25.7	25.1	25.1	25.1	24.0	24.6	23.4	22.2	20.0
140	23.3	23.3	23.3	23.3	22.9	22.9	22.9	22.9	22.4	22.4	22.4	21.5	21.9	21.2	20.0	18.0
150	20.9	20.9	20.9	20.9	20.6	20.6	20.6	20.6	20.0	20.0	20.0	19.3	19.5	18.8	17.8	15.9
160					18.4	18.4	18.4	18.4	17.9	17.9	17.9	17.4	17.4	16.8	15.8	14.1
170					16.6	16.6	16.6	16.6	16.1	16.1	16.1	15.7	15.6	14.9	14.0	12.4
180									14.5	14.5	14.5	14.0	14.0	13.3	12.6	11.0
190									13.0	13.0	13.0	12.3	12.6	11.9	11.2	9.7
200													11.2	10.4	9.8	8.4
205													10.6	9.7	9.1	7.7
	Main boom length 229 ft				Main boom length 248 ft				Main boom length 267 ft				Main boom length 287 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
20	91.5				76.9				63.2				48.4			
25	91.5	66.9	59.3		76.9	61.9			63.2	47.9			48.4	39.6		
30	89.6	63.4	53.8	44.4	76.3	61.2	49.4	42.1	63.2	47.9	42.4		48.4	39.6	35.2	
40	84.4	52.8	44.4	38.8	73.3	56.6	46.5	39.6	60.9	44.9	39.8	34.2	45.1	37.2	33.0	28.5
50	80.1	43.0	39.3	34.5	70.8	50.5	43.8	37.3	57.8	41.9	37.2	31.9	40.9	34.0	30.6	26.6
60	72.1	36.7	33.8	29.8	66.4	46.6	41.4	35.3	55.5	39.8	35.3	30.3	37.5	31.5	28.8	24.9
70	59.6	32.0	29.7	26.5	59.1	43.4	38.9	33.4	51.7	37.2	33.1	28.4	34.4	28.7	26.7	23.1
80	49.4	29.1	27.2	24.5	48.9	41.1	37.1	32.0	48.3	35.2	31.4	26.9	31.7	26.6	25.2	21.4
90	41.8	27.1	25.8	23.0	41.3	39.4	36.0	31.3	40.7	33.9	30.3	26.2	29.7	25.8	23.7	20.2
100	35.8	25.9	24.3	21.8	35.3	35.3	35.1	30.7	34.7	33.0	29.8	25.9	27.7	24.4	22.8	19.4
110	31.1	24.2	22.8	20.5	30.6	30.6	30.6	30.2	29.9	29.9	29.4	25.7	25.9	23.3	22.2	18.9
120	27.2	21.2	19.9	17.8	26.6	26.6	26.6	26.6	26.1	26.1	26.1	25.5	24.4	22.5	21.6	18.5
130	24.0	18.6	17.4	15.5	23.5	23.5	23.5	23.5	22.9	22.9	22.9	22.9	22.1	22.1	21.2	18.2
140	21.3	16.3	15.3	13.5	20.7	20.7	20.7	20.7	20.1	20.1	20.1	20.1	19.4	19.4	19.4	17.2
150	18.9	14.5	13.5	11.9	18.3	18.3	18.3	18.3	17.7	17.7	17.7	17.7	17.0	17.0	17.0	15.9
160	16.8	12.6	11.8	10.2	16.3	16.3	16.3	16.3	15.6	15.6	15.6	15.6	15.0	15.0	15.0	14.7
170	15.0	10.9	10.1	8.7	14.5	14.5	14.5	14.5	13.8	13.8	13.8	13.8	13.2	13.2	13.2	13.2
180	13.4	9.3	8.6	7.3	12.9	12.9	12.9	12.9	12.2	12.2	12.2	12.2	11.6	11.6	11.6	11.6
190	12.0	8.0	7.4	6.1	11.4	11.4	11.4	11.4	10.8	10.8	10.8	10.8	10.1	10.1	10.1	10.1
200	10.7	6.8	6.2	5.0	10.2	10.2	10.2	10.2	9.5	9.5	9.5	9.5	8.8	8.8	8.8	8.8
210	9.5	5.7	5.2	4.0	9.0	9.0	9.0	9.0	8.4	8.4	8.4	8.4	7.7	7.7	7.7	7.7
220	8.4	4.6	4.1	3.0	7.9	7.9	7.9	7.9	7.3	7.3	7.3	7.3	6.6	6.6	6.6	6.6
230					7.0	7.0	7.0	7.0	6.3	6.3	6.3	6.3	5.7	5.7	5.7	5.7
240					6.1	6.1	6.1	6.1	5.5	5.5	5.5	5.5	4.8	4.8	4.8	4.8
250									4.6	4.6	4.6	4.6	4.0	4.0	4.0	4.0
260									3.9	3.9	3.9	3.9	3.2	3.2	3.2	3.2
270													2.6	2.6	2.6	2.6
275													2.2	2.2	2.2	2.2

# LR 1200.1 [1004.03]

Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11969175

	Main boom length 66 ft				Main boom length 75 ft				Main boom length 85 ft				Main boom length 95 ft				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
Radius [ft]	11.2	484.9															
	15	484.9	377.4	352.7	331.4	378.7	295.9	283.0		367.7	304.8	275.5		354.8	264.2		
	20	416.2	377.4	352.7	331.4	368.0	295.9	276.8	260.3	356.0	297.9	270.1	252.5	348.7	261.1	243.1	212.6
	25	339.4	313.3	306.3	300.0	330.1	280.8	262.1	243.1	335.4	288.8	262.4	242.1	323.3	232.9	214.4	187.9
	30	271.0	261.3	260.2	256.9	271.3	259.8	244.0	221.6	271.2	247.8	230.6	211.6	271.4	206.4	192.1	167.8
	35	214.9	214.9	214.9	210.4	215.1	215.1	208.3	194.2	214.9	214.9	204.5	188.5	215.2	185.3	175.3	152.7
	40	177.4	177.4	177.4	177.4	177.6	177.6	177.6	174.2	177.4	177.4	176.1	165.9	177.6	167.2	159.2	140.9
	45	150.6	150.6	150.6	150.6	150.8	150.8	150.8	150.8	150.6	150.6	150.6	149.6	150.8	150.8	145.4	131.3
	50	130.4	130.4	130.4	130.4	130.7	130.7	130.7	130.7	130.4	130.4	130.4	130.4	130.6	130.6	130.6	123.6
	55	114.7	114.7	114.7	114.7	115.0	115.0	115.0	115.0	114.8	114.8	114.8	114.8	115.0	115.0	115.0	113.2
	60	102.1	102.1	102.1	102.1	102.4	102.4	102.4	102.4	102.2	102.2	102.2	102.2	102.4	102.4	102.4	102.4
	65	91.6	91.6	91.6	91.6	92.1	92.1	92.1	92.1	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1
	70					83.4	83.4	83.4	83.4	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6
	75					76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.3	76.3	76.3
	80									69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0
85									64.1	64.1	64.1	64.1	64.6	64.6	64.6	64.6	
90													59.8	59.8	59.8	59.8	
95													55.5	55.5	55.5	55.5	
	Main boom length 105 ft				Main boom length 115 ft				Main boom length 125 ft				Main boom length 135 ft				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
Radius [ft]	15	345.5	258.6			318.2	253.4			311.3				264.1			
	20	341.2	258.6	239.6	206.7	304.5	248.6	211.4	181.8	304.0	246.9	209.1	178.6	263.0	189.1	169.3	
	25	311.6	229.0	209.6	183.8	277.9	223.1	189.1	163.6	276.5	217.0	184.1	161.0	243.5	171.9	152.3	133.0
	30	271.3	202.9	186.0	166.1	258.1	196.1	174.8	149.2	252.6	188.9	167.0	144.5	223.3	153.9	140.2	122.9
	35	215.0	179.9	165.2	148.8	214.9	171.1	157.2	137.0	214.7	166.8	151.8	132.4	208.0	141.5	131.1	114.6
	40	177.4	163.3	150.6	136.6	177.3	152.6	144.2	128.1	177.0	147.4	138.0	122.3	177.0	130.0	121.1	104.2
	45	150.5	147.0	137.9	125.9	150.4	139.1	131.5	118.0	150.1	133.3	127.8	114.7	150.1	121.3	113.5	96.4
	50	130.4	130.4	127.8	117.4	130.3	127.4	119.3	107.9	129.9	119.7	115.4	104.4	129.9	112.5	105.8	90.3
	55	114.7	114.7	114.7	110.1	114.6	114.6	109.5	99.8	114.2	108.4	105.1	95.9	114.2	102.4	97.2	84.8
	60	102.1	102.1	102.1	101.2	102.0	102.0	101.2	93.5	101.6	99.3	96.8	89.0	101.6	94.0	90.0	80.1
	65	91.8	91.8	91.8	91.8	91.7	91.7	91.7	87.8	91.4	91.4	89.8	83.7	91.3	87.2	84.2	76.4
	70	83.2	83.2	83.2	83.2	83.1	83.1	83.1	82.7	82.8	82.8	82.8	78.9	82.7	81.2	79.0	73.0
	75	76.0	76.0	76.0	76.0	75.9	75.9	75.9	75.9	75.5	75.5	75.5	74.6	75.5	75.5	73.9	69.7
	80	69.7	69.7	69.7	69.7	69.6	69.6	69.6	69.6	69.3	69.3	69.3	69.3	69.2	69.2	69.2	66.8
	85	64.3	64.3	64.3	64.3	64.2	64.2	64.2	64.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
90	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
95	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	
100	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
105	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
110					45.1	45.1	45.1	45.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	
115					42.3	42.3	42.3	42.3	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	
120									39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.6	
125									37.1	37.1	37.1	37.1	37.1	37.3	37.3	37.3	
130														35.1	35.1	35.1	
135														33.1	33.1	33.1	

Carbody counterweight: 79,800 lbs with 3.9 ft flat track pads

Rear counterweight:

159,400 lbs    181,500 lbs



**Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11969175**

	Main boom length 144 ft				Main boom length 154 ft				Main boom length 174 ft				Main boom length 194 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15	255.5				219.7				187.9							
20	255.5	180.7	162.0		219.7	168.6	144.9		187.9	136.8			157.9	125.5		
25	237.4	164.4	146.9	128.4	208.2	153.3	136.8	118.9	184.2	133.9	118.7	98.1	157.8	125.5	108.4	
30	218.0	147.5	134.3	118.1	194.6	138.4	126.7	109.0	176.7	127.7	113.5	94.4	151.9	120.0	101.4	86.6
35	203.4	135.0	125.4	110.7	182.6	126.8	117.6	99.9	169.7	120.3	105.9	90.4	147.6	113.1	97.1	83.5
40	176.8	121.5	113.5	100.7	171.6	116.1	108.4	92.6	164.7	115.0	100.5	87.5	144.0	105.6	93.6	80.7
45	149.8	110.0	103.4	92.3	149.7	104.7	98.4	85.7	149.3	107.5	95.4	83.7	141.3	100.3	91.0	78.7
50	129.6	101.5	95.9	86.0	129.4	95.7	90.4	80.3	129.0	99.8	90.7	80.2	128.5	94.5	86.6	75.5
55	113.9	93.6	89.0	80.3	113.7	88.6	84.2	75.7	113.2	93.5	86.8	77.2	112.6	89.4	82.7	72.9
60	101.3	86.6	83.0	75.2	101.1	81.9	78.3	70.7	100.6	88.6	83.6	74.7	100.0	85.2	79.5	70.7
65	91.0	80.8	78.0	71.0	90.8	76.0	73.2	66.3	90.2	83.0	78.6	70.7	89.6	81.9	77.0	68.9
70	82.4	76.1	73.9	67.6	82.2	71.1	68.8	62.7	81.6	78.0	74.1	67.1	81.0	76.5	72.0	63.9
75	75.1	71.6	69.8	64.8	74.9	67.1	65.3	59.7	74.4	73.7	70.2	64.0	73.7	71.4	67.2	59.3
80	68.8	67.2	66.0	62.3	68.6	63.5	62.2	57.4	68.1	68.1	66.9	61.4	67.4	66.8	63.0	55.1
85	63.4	63.4	62.6	60.1	63.2	60.2	59.2	55.3	62.7	62.7	62.7	58.9	62.0	62.0	59.3	51.6
90	58.7	58.7	58.7	58.1	58.5	57.3	56.6	53.4	57.9	57.9	57.9	55.4	57.3	57.3	56.2	48.5
95	54.5	54.5	54.5	54.5	54.3	54.3	54.3	51.8	53.7	53.7	53.7	52.1	53.1	53.1	53.1	46.0
100	50.8	50.8	50.8	50.8	50.6	50.6	50.6	50.4	50.0	50.0	50.0	49.1	49.3	49.3	49.3	43.8
105	47.4	47.4	47.4	47.4	47.2	47.2	47.2	47.2	46.7	46.7	46.7	46.4	46.0	46.0	46.0	41.8
110	44.4	44.4	44.4	44.4	44.2	44.2	44.2	44.2	43.7	43.7	43.7	43.7	43.0	43.0	43.0	39.9
120	39.2	39.2	39.2	39.2	39.0	39.0	39.0	39.0	38.5	38.5	38.5	38.5	37.8	37.8	37.8	36.6
130	34.8	34.8	34.8	34.8	34.6	34.6	34.6	34.6	34.1	34.1	34.1	34.1	33.4	33.4	33.4	33.4
140	31.1	31.1	31.1	31.1	30.9	30.9	30.9	30.9	30.4	30.4	30.4	30.4	29.8	29.8	29.8	29.8
150					27.7	27.7	27.7	27.7	27.2	27.2	27.2	27.2	26.6	26.6	26.6	26.6
160									24.6	24.6	24.6	24.6	23.9	23.8	23.8	23.7
170									22.1	22.0	22.1	22.1	21.5	21.4	21.4	21.4
180													19.3	19.1	19.1	19.1
190													17.4	16.8	16.8	16.8
	Main boom length 213 ft				Main boom length 233 ft				Main boom length 253 ft				Main boom length 292 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
20	130.8	95.9			111.3				92.8				65.5			
30	128.2	92.5	81.8	70.0	110.2	81.7	72.6	62.5	92.8	69.6	61.3		65.5	45.6	40.5	
40	121.4	84.5	75.3	64.5	104.6	74.8	66.8	56.2	89.5	64.8	56.8	44.8	64.2	43.5	38.6	32.6
50	115.8	78.3	70.2	59.9	100.0	68.8	61.8	49.0	85.2	60.0	50.4	41.8	62.2	40.7	36.2	30.5
60	99.5	71.7	64.7	53.1	94.8	61.3	55.3	44.7	82.0	55.9	46.4	39.5	60.3	38.3	34.2	28.7
70	80.4	67.0	60.8	48.4	79.8	54.1	49.3	41.6	78.6	50.4	43.6	37.1	58.0	35.7	32.0	26.9
80	66.9	60.4	55.1	45.1	66.2	49.3	45.3	39.1	65.6	46.4	41.5	35.3	55.4	33.0	29.8	25.4
90	56.7	54.4	50.1	42.4	56.0	45.8	42.1	36.4	55.3	43.2	39.3	33.4	53.4	31.0	28.1	24.0
100	48.7	48.7	46.3	40.3	48.0	42.9	39.6	34.1	47.4	40.4	37.3	31.7	46.0	29.0	26.6	22.6
110	42.4	42.4	41.4	36.9	41.6	40.6	37.6	32.4	41.0	38.1	35.6	30.3	39.6	26.8	25.1	20.9
120	37.2	37.2	36.8	33.6	36.4	36.1	33.8	29.7	35.8	35.8	34.2	29.0	34.3	25.5	23.3	19.4
130	32.8	32.8	32.8	30.8	32.1	32.0	30.3	27.3	31.4	31.4	30.1	26.4	30.0	23.9	21.9	18.2
140	29.1	29.1	29.1	28.5	28.4	28.4	27.3	25.3	27.7	27.7	26.4	23.7	26.4	22.4	20.5	17.1
150	26.1	26.1	26.1	25.6	25.4	25.2	24.9	23.6	24.7	24.5	23.3	21.4	23.2	19.9	18.3	15.5
160	23.3	23.3	23.3	22.8	22.6	22.6	22.4	21.4	21.9	21.6	20.8	19.5	20.5	17.7	16.3	14.1
170	20.9	20.6	20.6	20.4	20.2	20.0	19.8	19.1	19.5	19.3	18.6	17.6	18.1	15.7	14.5	12.8
180	18.8	18.2	18.2	18.2	18.0	17.5	17.4	17.0	17.4	16.9	16.4	15.6	15.9	14.0	12.9	11.7
190	16.8	16.3	16.3	16.3	16.1	15.3	15.3	15.1	15.5	14.7	14.3	13.8	14.0	12.6	11.6	10.7
200	15.1	14.4	14.4	14.4	14.4	13.5	13.5	13.5	13.8	12.7	12.5	12.1	12.3	10.8	10.0	9.2
210	13.5	12.5	12.5	12.5	12.9	11.9	11.9	11.9	12.2	10.9	10.9	10.7	10.8	9.2	8.4	7.7
220					11.4	10.3	10.3	10.3	10.8	9.5	9.5	9.4	9.4	7.6	7.0	6.3
230					10.1	8.7	8.7	8.7	9.5	8.2	8.2	8.0	8.1	6.2	5.7	5.1
240									8.3	6.8	6.8	6.7	6.9	5.0	4.5	4.0
250									7.2	5.4	5.4	5.4	5.8	4.2	3.8	3.2
260													4.9	3.9	3.8	2.9
270													3.9	3.6	3.8	2.6
280													3.1	3.1	3.1	2.3
285													2.6	2.6	2.6	2.1

# LR 1250.1 [1004.03]

## Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11962445

	Main boom length 66 ft				Main boom length 75 ft				Main boom length 85 ft				Main boom length 95 ft				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
Radius [ft]	11.2	484.9															
	15	484.9	377.4	352.7	331.4	466.9	418.0	385.8		434.1	416.1	390.4		402.8	402.8		
	20	416.2	377.4	352.7	331.4	405.6	380.2	366.1	352.1	395.0	385.5	367.0	335.3	384.7	383.6	358.1	314.4
	25	339.4	313.3	306.2	300.0	338.0	316.2	315.2	314.2	336.8	317.6	316.3	314.3	330.9	312.0	307.4	298.0
	30	271.0	261.3	261.0	260.5	271.2	261.0	260.5	259.8	271.1	258.3	257.6	256.6	271.3	258.8	258.1	256.0
	35	214.9	214.9	214.9	214.9	215.0	215.0	215.0	215.0	214.8	214.8	214.8	214.8	214.9	214.9	214.9	214.9
	40	177.4	177.4	177.4	177.4	177.5	177.5	177.5	177.5	177.3	177.3	177.3	177.3	177.4	177.4	177.4	177.4
	45	150.6	150.6	150.6	150.6	150.7	150.7	150.7	150.7	150.5	150.5	150.5	150.5	150.5	150.5	150.5	150.5
	50	130.4	130.4	130.4	130.4	130.6	130.6	130.6	130.6	130.3	130.3	130.3	130.3	130.4	130.4	130.4	130.4
	55	114.7	114.7	114.7	114.7	114.9	114.9	114.9	114.9	114.6	114.6	114.6	114.6	114.7	114.7	114.7	114.7
	60	102.1	102.1	102.1	102.1	102.3	102.3	102.3	102.3	102.1	102.1	102.1	102.1	102.2	102.2	102.2	102.2
	65	91.6	91.6	91.6	91.6	92.0	92.0	92.0	92.0	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
	70					83.3	83.3	83.3	83.3	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
	75					75.9	75.9	75.9	75.9	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.0
	80									69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.7
	85									64.0	64.0	64.0	64.0	64.3	64.3	64.3	64.3
	90													59.5	59.5	59.5	59.5
	95													55.2	55.2	55.2	55.2
	Radius [ft]		Main boom length 105 ft				Main boom length 115 ft				Main boom length 125 ft				Main boom length 135 ft		
		0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15		374.5	374.5			348.4	348.4			322.2				304.3			
20		363.3	363.3	337.9	290.6	341.0	341.0	315.5	270.4	318.4	318.4	291.7	249.3	303.6	303.6	271.6	
25		320.9	305.4	296.1	276.1	309.8	299.0	285.4	252.9	297.5	291.1	267.4	235.0	286.3	285.1	244.1	221.3
30		271.1	257.8	256.8	252.7	271.1	253.9	253.3	236.2	267.0	244.6	238.7	222.3	257.4	238.7	223.9	213.4
35		214.7	214.7	214.7	213.7	214.6	214.6	214.5	205.8	214.4	211.0	210.6	201.9	214.3	207.6	207.1	202.9
40		177.1	177.1	177.1	177.1	177.0	177.0	177.0	177.0	176.7	176.7	176.7	176.7	176.6	176.6	176.6	176.6
45		150.2	150.2	150.2	150.2	150.1	150.1	150.1	150.1	149.8	149.8	149.8	149.8	149.6	149.6	149.6	149.6
50		130.1	130.1	130.1	130.1	129.9	129.9	129.9	129.9	129.6	129.6	129.6	129.6	129.4	129.4	129.4	129.4
55		114.4	114.4	114.4	114.4	114.2	114.2	114.2	114.2	113.8	113.8	113.8	113.8	113.7	113.7	113.7	113.7
60		101.8	101.8	101.8	101.8	101.6	101.6	101.6	101.6	101.2	101.2	101.2	101.2	101.1	101.1	101.1	101.1
65		91.5	91.5	91.5	91.5	91.3	91.3	91.3	91.3	91.0	91.0	91.0	91.0	90.8	90.8	90.8	90.8
70		82.9	82.9	82.9	82.9	82.8	82.8	82.8	82.8	82.4	82.4	82.4	82.4	82.2	82.2	82.2	82.2
75		75.7	75.7	75.7	75.7	75.5	75.5	75.5	75.5	75.1	75.1	75.1	75.1	74.9	74.9	74.9	74.9
80		69.4	69.4	69.4	69.4	69.2	69.2	69.2	69.2	68.8	68.8	68.8	68.8	68.7	68.7	68.7	68.7
85		64.0	64.0	64.0	64.0	63.8	63.8	63.8	63.8	63.4	63.4	63.4	63.4	63.3	63.3	63.3	63.3
90		59.2	59.2	59.2	59.2	59.1	59.1	59.1	59.1	58.7	58.7	58.7	58.7	58.5	58.5	58.5	58.5
95		55.0	55.0	55.0	55.0	54.8	54.8	54.8	54.8	54.5	54.5	54.5	54.5	54.3	54.3	54.3	54.3
100		51.2	51.2	51.2	51.2	51.1	51.1	51.1	51.1	50.7	50.7	50.7	50.7	50.6	50.6	50.6	50.6
105	47.8	47.8	47.8	47.8	47.7	47.7	47.7	47.7	47.4	47.4	47.4	47.4	47.2	47.2	47.2	47.2	
110					44.7	44.7	44.7	44.7	44.3	44.3	44.3	44.3	44.2	44.2	44.2	44.2	
115					41.8	41.8	41.8	41.8	41.6	41.6	41.6	41.6	41.5	41.5	41.5	41.5	
120									39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	
125									36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	
130													34.6	34.6	34.6	34.6	
135													32.6	32.6	32.6	32.6	

Carbody counterweight: 79,800 lbs with 3.9 ft flat track pads

Rear counterweight:

159,400 lbs    181,500 lbs

**Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11962445**

	Main boom length 144 ft				Main boom length 154 ft				Main boom length 174 ft				Main boom length 194 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15	279.9				260.2				220.8							
20	279.9	279.9	244.8		260.2	260.2	223.5		220.8	220.8			188.1	187.6		
25	270.7	270.5	231.6	204.8	252.5	250.1	216.0	184.4	217.8	217.8	184.6	163.2	188.1	187.6	160.9	
30	248.0	235.3	213.2	197.9	236.0	226.5	202.3	173.2	210.8	210.2	177.9	159.3	181.4	181.3	155.7	136.4
35	214.1	202.1	198.4	192.7	213.9	195.8	187.3	162.8	196.5	184.2	165.2	154.1	175.2	169.0	150.5	132.6
40	176.3	176.3	176.2	173.4	176.1	173.6	172.0	152.9	175.6	165.1	155.9	150.3	169.0	153.6	144.9	128.5
45	149.3	149.3	149.3	149.3	149.1	149.1	149.1	141.6	148.6	148.6	143.2	139.8	148.0	141.7	140.7	125.6
50	129.1	129.1	129.1	129.1	128.8	128.8	128.8	128.8	128.3	128.3	128.3	127.9	127.6	127.6	127.6	117.2
55	113.3	113.3	113.3	113.3	113.1	113.1	113.1	113.1	112.5	112.5	112.5	112.5	111.8	111.8	111.8	109.4
60	100.7	100.7	100.7	100.7	100.4	100.4	100.4	100.4	99.8	99.8	99.8	99.8	99.1	99.1	99.1	99.1
65	90.4	90.4	90.4	90.4	90.1	90.1	90.1	90.1	89.5	89.5	89.5	89.5	88.8	88.8	88.8	88.8
70	81.8	81.8	81.8	81.8	81.5	81.5	81.5	81.5	80.9	80.9	80.9	80.9	80.1	80.1	80.1	80.1
75	74.5	74.5	74.5	74.5	74.2	74.2	74.2	74.2	73.6	73.6	73.6	73.6	72.8	72.8	72.8	72.8
80	68.3	68.3	68.3	68.3	68.0	68.0	68.0	68.0	67.3	67.3	67.3	67.3	66.5	66.5	66.5	66.5
85	62.8	62.8	62.8	62.8	62.6	62.6	62.6	62.6	61.9	61.9	61.9	61.9	61.1	61.1	61.1	61.1
90	58.1	58.1	58.1	58.1	57.8	57.8	57.8	57.8	57.1	57.1	57.1	57.1	56.3	56.3	56.3	56.3
95	53.9	53.9	53.9	53.9	53.6	53.6	53.6	53.6	52.9	52.9	52.9	52.9	52.1	52.1	52.1	52.1
100	50.2	50.2	50.2	50.2	49.9	49.9	49.9	49.9	49.2	49.2	49.2	49.2	48.4	48.4	48.4	48.4
105	46.8	46.8	46.8	46.8	46.5	46.5	46.5	46.5	45.8	45.8	45.8	45.8	45.0	45.0	45.0	45.0
110	43.8	43.8	43.8	43.8	43.5	43.5	43.5	43.5	42.8	42.8	42.8	42.8	42.0	42.0	42.0	42.0
120	38.6	38.6	38.6	38.6	38.3	38.3	38.3	38.3	37.6	37.6	37.6	37.6	36.8	36.8	36.8	36.8
130	34.2	34.2	34.2	34.2	33.9	33.9	33.9	33.9	33.3	33.3	33.3	33.3	32.5	32.5	32.5	32.5
140	30.4	30.4	30.4	30.4	30.2	30.2	30.2	30.2	29.6	29.6	29.6	29.6	28.8	28.8	28.8	28.8
150					27.0	27.0	27.0	27.0	26.5	26.5	26.5	26.5	25.7	25.7	25.7	25.7
160									23.7	23.7	23.7	23.7	22.9	22.9	22.9	22.9
170									21.2	21.2	21.2	21.2	20.5	20.5	20.5	20.5
180													18.3	18.3	18.3	18.3
190													16.4	16.4	16.4	16.4
	Main boom length 213 ft				Main boom length 233 ft				Main boom length 253 ft				Main boom length 282 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
20	160.5	160.5			138.0				118.5				94.4			
25	160.5	160.5	134.5		138.0	135.2			118.5	115.1			94.4	89.1		
30	157.8	156.9	131.1	118.9	137.1	134.4	116.1	98.4	118.5	115.1	95.9		94.4	89.1	77.4	
40	151.7	141.0	122.3	113.9	132.5	125.7	108.0	92.5	114.8	110.6	90.9	84.5	93.0	86.2	74.6	65.0
50	127.0	123.6	115.2	109.6	126.4	113.4	99.4	87.2	110.9	102.5	85.7	81.1	90.4	82.1	70.6	62.4
60	98.5	98.5	98.5	96.2	97.8	97.8	90.0	82.2	97.1	95.0	81.0	77.8	87.9	78.4	67.2	59.6
70	79.4	79.4	79.4	79.4	78.7	78.7	78.7	77.8	77.9	77.9	73.8	72.2	76.4	71.6	63.3	56.0
80	65.8	65.8	65.8	65.8	65.0	65.0	65.0	65.0	64.3	64.3	64.3	64.3	63.0	63.0	59.3	52.4
90	55.6	55.6	55.6	55.6	54.8	54.8	54.8	54.8	54.0	54.0	54.0	54.0	52.7	52.7	52.7	49.7
100	47.6	47.6	47.6	47.6	46.8	46.8	46.8	46.8	46.0	46.0	46.0	46.0	44.7	44.7	44.7	44.7
110	41.3	41.3	41.3	41.3	40.4	40.4	40.4	40.4	39.6	39.6	39.6	39.6	38.3	38.3	38.3	38.3
120	36.0	36.0	36.0	36.0	35.2	35.2	35.2	35.2	34.4	34.4	34.4	34.4	33.1	33.1	33.1	33.1
130	31.7	31.7	31.7	31.7	30.8	30.8	30.8	30.8	30.0	30.0	30.0	30.0	28.7	28.7	28.7	28.7
140	28.0	28.0	28.0	28.0	27.1	27.1	27.1	27.1	26.5	26.5	26.5	26.5	25.1	25.1	25.1	25.1
150	25.0	25.0	25.0	25.0	24.1	24.1	24.1	24.1	23.3	23.3	23.3	23.3	21.9	21.9	21.9	21.9
160	22.2	22.2	22.2	22.2	21.3	21.3	21.3	21.3	20.5	20.5	20.5	20.5	19.2	19.2	19.2	19.2
170	19.8	19.8	19.8	19.8	18.9	18.9	18.9	18.9	18.1	18.1	18.1	18.1	16.7	16.7	16.7	16.7
180	17.6	17.6	17.6	17.6	16.8	16.8	16.8	16.8	16.0	16.0	16.0	16.0	14.6	14.6	14.6	14.6
190	15.7	15.7	15.7	15.7	14.8	14.8	14.8	14.8	14.0	14.0	14.0	14.0	12.7	12.7	12.7	12.7
200	13.9	13.9	13.9	13.9	13.1	13.1	13.1	13.1	12.3	12.3	12.3	12.3	11.0	11.0	11.0	11.0
210	12.3	12.3	12.3	12.3	11.6	11.6	11.6	11.6	10.8	10.8	10.8	10.8	9.4	9.4	9.4	9.4
220					10.1	10.1	10.1	10.1	9.4	9.4	9.4	9.4	8.0	8.0	8.0	8.0
230					8.8	8.8	8.8	8.8	8.1	8.1	8.1	8.1	6.7	6.7	6.7	6.7
240									6.9	6.9	6.9	6.9	5.6	5.6	5.6	5.6
250									5.8	5.8	5.8	5.8	4.5	4.5	4.5	4.5
260													3.5	3.5	3.5	3.5
270													2.5	2.5	2.5	2.5
275													2.1	2.1	2.1	2.1



# LR 1300.1 SX [1006.02]

Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11962520

Radius [ft]	Main boom length 66 ft				Main boom length 75 ft				Main boom length 85 ft				Main boom length 95 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
11.8	662.4															
15	662.4	547.2	507.7		662.4	600.8	550.4		662.4	628.6			662.4	629.5		
20	588.0	524.8	507.7	474.3	589.9	540.9	514.2	492.1	586.3	544.2	540.8	535.8	582.9	542.2	537.3	527.7
25	478.6	439.6	435.2	423.3	478.2	440.7	439.4	437.8	479.5	441.0	439.2	437.0	473.1	436.4	434.3	431.3
30	407.1	369.7	369.2	368.7	405.3	369.0	368.3	367.5	401.2	365.9	365.0	363.7	399.8	366.6	365.4	363.6
35	348.5	315.6	315.3	314.9	348.2	314.3	313.9	313.4	347.1	315.3	314.8	314.0	345.0	314.4	313.7	312.6
40	302.4	275.1	275.0	274.7	302.2	273.2	272.9	272.6	301.0	271.3	270.9	270.4	301.2	273.3	272.8	272.1
45	264.0	240.2	240.2	240.0	264.3	240.8	240.7	240.5	264.0	239.3	239.1	238.8	264.3	238.4	238.1	237.6
50	227.6	214.6	214.6	214.5	227.9	213.2	213.2	213.0	227.6	213.0	212.8	212.6	227.8	212.9	212.7	212.4
55	199.5	192.5	192.5	192.4	199.8	192.4	192.4	192.3	199.5	190.6	190.5	190.4	199.8	191.2	191.1	190.9
60	177.2	174.2	174.2	174.2	177.5	174.4	174.4	174.4	177.2	173.1	173.0	173.0	177.5	172.7	172.6	172.5
65	158.8	158.8	158.8	158.8	159.4	158.8	158.8	158.8	159.1	158.4	158.4	158.4	159.4	157.8	157.7	157.7
70	143.4	142.5	142.5	142.5	144.2	144.2	144.2	144.2	144.0	144.0	144.0	144.0	144.3	144.3	144.3	144.3
75					131.4	131.4	131.4	131.4	131.3	131.3	131.3	131.3	131.6	131.6	131.6	131.6
80									120.3	120.3	120.3	120.3	120.8	120.8	120.8	120.8
85									110.8	110.8	110.8	110.8	111.4	111.4	111.4	111.4
90													103.1	103.1	103.1	103.1
95													95.8	95.8	95.8	95.8
Radius [ft]	Main boom length 105 ft				Main boom length 115 ft				Main boom length 125 ft				Main boom length 135 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15	643.4	599.6			610.0				582.0				553.7			
20	574.6	536.9	531.4	507.0	571.4	535.6	528.5	489.3	570.6	535.8	526.2		553.7	518.0	508.8	
25	468.7	434.2	431.5	427.4	468.2	433.6	430.3	424.7	464.5	433.2	428.8	420.9	463.9	431.1	426.0	416.6
30	398.3	365.8	364.4	362.1	394.9	364.1	362.3	357.6	389.6	360.1	357.8	345.2	387.8	358.9	355.9	340.4
35	341.6	310.7	309.8	308.4	339.8	310.0	308.9	305.5	338.1	309.6	308.3	296.6	337.0	310.1	308.5	288.7
40	300.0	272.4	271.8	270.9	298.3	268.8	268.2	266.0	295.0	266.9	265.9	258.0	293.5	267.2	266.0	251.7
45	263.9	238.0	237.6	237.0	263.4	237.8	237.4	235.9	262.2	236.1	235.5	230.2	260.0	234.1	233.3	223.3
50	227.4	210.6	210.3	210.0	227.2	210.3	210.0	209.1	226.7	209.7	209.2	205.7	226.5	209.4	208.9	201.7
55	199.3	190.1	190.0	189.8	199.0	188.4	188.2	187.7	198.5	187.3	187.0	185.1	198.4	187.5	187.1	181.9
60	177.0	172.2	172.0	171.9	176.7	171.5	171.4	171.2	176.2	169.5	169.3	168.6	176.0	169.1	168.8	165.4
65	158.9	156.6	156.6	156.5	158.6	156.4	156.3	156.1	158.0	155.4	155.2	155.0	157.9	154.3	154.1	152.1
70	143.9	143.8	143.7	143.7	143.6	143.2	143.1	143.0	143.0	142.5	142.3	142.2	142.8	142.2	142.1	140.7
75	131.2	131.2	131.2	131.2	130.9	130.9	130.9	130.9	130.3	130.3	130.3	130.3	130.1	130.1	130.1	130.0
80	120.3	120.3	120.3	120.3	120.0	120.0	120.0	120.0	119.4	119.4	119.4	119.4	119.3	119.3	119.3	119.3
85	110.9	110.9	110.9	110.9	110.6	110.6	110.6	110.6	110.0	110.0	110.0	110.0	109.9	109.9	109.9	109.9
90	102.7	102.7	102.7	102.7	102.4	102.4	102.4	102.4	101.8	101.8	101.8	101.8	101.7	101.7	101.7	101.7
95	95.4	95.4	95.4	95.4	95.2	95.2	95.2	95.2	94.6	94.6	94.6	94.6	94.5	94.5	94.5	94.5
100	89.0	89.0	89.0	89.0	88.8	88.8	88.8	88.8	88.2	88.2	88.2	88.2	88.1	88.1	88.1	88.1
105	83.1	83.1	83.1	83.1	83.0	83.0	83.0	83.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
110					77.8	77.8	77.8	77.8	77.3	77.3	77.3	77.3	77.2	77.2	77.2	77.2
115					73.0	73.0	73.0	73.0	72.6	72.6	72.6	72.6	72.5	72.5	72.5	72.5
120									68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
125									64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
130													60.8	60.8	60.8	60.8
135													57.4	57.4	57.4	57.4

Carbody counterweight: 125,700 lbs with 3.9 ft flat track pads

Rear counterweight:

229,300 lbs	251,400 lbs	273,400 lbs
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**Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 11962520**

	Main boom length 154 ft				Main boom length 174 ft				Main boom length 194 ft				Main boom length 213 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
15	503.1															
20	503.1	470.7			457.1	428.9			405.4	365.9			346.0			
25	450.0	421.8	404.0	355.1	443.9	418.1	374.3	321.8	405.4	365.9	332.7		346.0	324.2	293.2	
30	381.8	355.8	341.9	312.4	376.5	351.1	324.3	294.6	362.6	331.7	299.3	267.5	332.9	309.2	278.0	244.3
35	328.6	303.4	291.9	269.6	323.8	299.2	278.5	255.2	320.3	295.2	266.6	242.7	309.6	281.8	254.0	230.5
40	290.6	266.2	257.0	239.2	284.8	260.1	244.1	225.9	278.7	255.0	233.0	213.9	273.1	247.5	223.8	204.2
45	256.1	232.5	226.6	212.1	254.0	230.4	217.9	202.9	248.4	225.6	208.5	193.0	240.9	217.9	199.0	182.9
50	225.7	205.7	202.4	190.7	224.9	203.9	194.6	182.2	222.9	201.4	187.6	174.4	217.6	196.3	180.7	167.2
55	197.4	185.6	183.9	174.2	196.6	182.3	175.6	165.3	195.6	180.0	169.2	158.0	194.6	176.6	163.4	151.8
60	175.0	167.8	166.6	158.6	174.1	165.7	161.1	152.3	173.1	162.3	153.9	144.4	172.1	159.4	148.5	138.4
65	156.8	152.3	151.5	145.0	155.9	151.0	147.4	139.6	154.8	148.2	141.8	133.6	153.8	145.0	135.8	127.2
70	141.7	139.3	138.8	133.6	140.8	138.0	135.2	128.4	139.6	136.1	130.7	123.4	138.6	133.2	125.6	118.0
75	129.0	128.8	128.7	124.5	128.0	126.7	124.6	118.7	126.9	125.1	120.4	114.0	125.8	123.1	116.5	109.7
80	118.2	118.2	118.2	116.1	117.2	117.1	115.6	110.4	116.0	115.2	111.3	105.6	114.9	113.6	107.7	101.7
85	108.8	108.8	108.8	108.3	107.8	107.8	107.8	103.6	106.6	106.6	103.4	98.3	105.5	105.1	99.8	94.4
90	100.6	100.6	100.6	100.6	99.6	99.6	99.6	97.1	98.4	98.4	96.6	92.2	97.2	97.2	92.8	88.0
100	87.0	87.0	87.0	87.0	85.9	85.9	85.9	85.5	84.7	84.7	84.7	81.6	83.6	83.6	81.5	77.6
110	76.1	76.1	76.1	76.1	75.1	75.1	75.1	75.1	73.8	73.8	73.8	72.2	72.6	72.6	72.2	68.9
120	67.2	67.2	67.2	67.2	66.2	66.2	66.2	66.2	64.9	64.9	64.9	64.4	63.7	63.7	63.7	61.2
130	59.8	59.8	59.8	59.8	58.8	58.8	58.8	58.8	57.5	57.5	57.5	57.5	56.3	56.3	56.3	54.6
140	53.5	53.5	53.5	53.5	52.5	52.5	52.5	52.5	51.2	51.2	51.2	51.2	50.1	50.1	50.1	49.4
150	48.0	48.0	48.0	48.0	47.1	47.1	47.1	47.1	45.9	45.9	45.9	45.9	44.7	44.7	44.7	44.2
160					42.4	42.4	42.4	42.4	41.2	41.2	41.2	41.1	40.0	40.0	40.0	39.5
170					38.2	38.2	38.2	38.2	37.1	37.0	37.0	37.0	36.0	35.6	35.6	35.2
180									33.4	33.4	33.4	33.4	32.5	31.6	31.6	31.5
190									30.3	29.6	29.6	29.6	29.3	28.6	28.6	28.6
200													26.4	25.4	25.4	25.4
210													23.7	22.3	22.3	22.3
	Main boom length 233 ft				Main boom length 253 ft				Main boom length 272 ft				Main boom length 302 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
20	312.6				275.3				242.4				198.8			
30	312.6	283.2	257.2	223.5	275.3	259.2	232.8		242.4	227.5	204.0		198.8	189.1		
40	270.2	239.8	215.4	195.3	259.7	228.0	204.8	185.2	235.6	210.8	188.7	169.0	195.6	184.4	161.2	141.5
50	212.2	188.7	172.4	158.3	209.1	181.9	164.8	150.2	203.2	176.6	158.6	143.7	183.8	169.1	149.4	131.2
60	171.0	155.6	143.5	132.9	170.0	150.3	137.8	126.9	167.8	144.8	132.0	120.9	155.6	137.4	123.3	110.7
70	137.4	129.5	120.4	112.3	136.4	125.2	115.6	107.2	135.2	121.5	111.5	102.6	133.5	115.9	105.4	96.1
80	113.7	111.0	103.9	97.6	112.5	106.4	99.0	92.4	111.3	102.6	94.8	87.8	109.5	97.8	89.3	81.7
90	96.0	95.2	89.5	84.3	94.8	92.0	86.0	80.5	93.5	88.8	82.5	76.8	91.7	83.3	76.5	70.3
100	82.3	82.3	77.7	73.4	81.1	79.4	74.4	69.9	79.8	76.7	71.4	66.6	77.8	72.5	66.8	61.7
110	71.3	71.3	68.7	65.2	70.1	69.1	65.0	61.2	68.8	66.4	62.0	58.0	66.8	62.6	57.8	53.4
120	62.4	62.4	61.0	57.9	61.2	61.1	57.7	54.5	59.8	57.9	54.2	50.9	57.9	54.0	50.0	46.3
130	55.0	55.0	54.1	51.5	53.8	53.8	51.2	48.4	52.4	51.3	48.2	45.2	50.4	46.9	43.4	40.3
140	48.7	48.7	48.1	45.9	47.5	47.4	45.3	42.9	46.1	45.2	42.6	40.0	44.1	41.1	38.2	35.5
150	43.3	43.3	43.2	41.3	42.1	41.8	40.2	38.1	40.7	39.8	37.5	35.2	38.7	36.1	33.5	31.3
160	38.7	38.7	38.6	37.1	37.4	37.1	35.9	34.1	36.0	35.0	33.1	31.1	34.0	31.7	29.4	27.2
170	34.6	34.4	34.2	33.4	33.4	33.2	32.3	30.8	32.2	30.9	29.3	27.5	30.1	27.6	25.5	23.6
180	31.2	30.3	30.3	29.7	29.9	29.2	28.6	27.5	28.5	27.6	26.2	24.7	26.5	23.8	22.0	20.3
190	28.0	26.7	26.7	26.5	26.7	25.6	25.2	24.4	25.3	24.2	23.1	21.8	23.3	20.6	19.0	17.5
200	25.1	23.7	23.7	23.7	23.8	22.3	22.0	21.6	22.4	20.9	20.1	19.0	20.4	17.9	16.4	15.0
210	22.4	21.1	21.1	21.1	21.2	19.4	19.3	19.2	19.8	17.9	17.4	16.5	17.8	15.2	14.0	12.7
220	20.0	18.5	18.5	18.5	18.9	17.0	17.0	17.0	17.5	15.2	15.0	14.3	15.4	12.7	11.6	10.5
230	17.8	15.8	15.8	15.8	16.7	14.7	14.7	14.7	15.3	12.9	12.8	12.3	13.3	10.4	9.4	8.4
240					14.7	12.5	12.5	12.5	13.4	10.9	10.9	10.5	11.2	8.2	7.4	6.5
250					12.8	10.2	10.2	10.2	11.6	9.0	9.0	8.7	9.0	6.3	5.6	4.8
260									9.9	7.0	7.0	6.9	6.9	5.1	4.5	3.8
270									7.9	5.0	5.0	5.0	5.0	4.5	4.1	3.6
280													3.2	3.2	3.2	3.2
285													2.3	2.3	2.3	2.3

# LR 1400 SX [1007.01]

## Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 13630772

	Main boom length 66 ft				Main boom length 75 ft				Main boom length 85 ft				Main boom length 95 ft				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
Radius [ft]	13.8	837.8															
	15	837.8	708.3		837.8				836.5				797.8				
	20	761.2	693.7	651.1	608.0	765.5	712.4	648.4	589.3	756.5	692.2	616.2	555.6	755.7	675.9	593.4	530.8
	25	617.3	617.3	592.1	559.9	619.6	619.4	587.1	537.2	611.1	600.4	561.3	509.0	610.7	597.0	544.0	490.6
	30	521.2	521.1	521.1	521.1	515.2	515.2	506.9	494.0	513.8	511.8	496.2	469.3	515.5	512.1	493.1	454.1
	35	444.9	442.4	442.4	442.4	445.7	443.4	443.4	438.6	443.9	441.7	440.7	439.0	440.3	438.6	430.7	418.0
	40	392.9	387.9	387.9	387.9	389.0	382.7	382.7	382.7	387.7	382.4	382.4	382.4	388.5	383.7	383.3	382.7
	45	347.0	339.2	339.2	339.2	347.3	339.2	339.2	339.2	344.1	336.0	336.0	336.0	343.4	335.6	335.3	334.8
	50	312.8	302.7	302.7	302.7	311.4	300.9	300.9	300.9	310.8	300.9	300.9	300.9	309.0	299.0	298.8	298.4
	55	273.6	272.4	272.4	272.4	274.0	271.0	271.0	271.0	273.6	269.5	269.5	269.5	273.9	270.0	269.8	269.5
	60	242.4	242.4	242.4	242.4	243.0	243.0	243.0	243.0	242.5	242.5	242.5	242.5	242.9	242.9	242.9	242.9
	65	216.9	216.9	216.9	216.9	217.7	217.7	217.7	217.7	217.3	217.3	217.3	217.3	217.7	217.7	217.7	217.7
	70	195.5	195.5	195.5	195.5	196.8	196.8	196.8	196.8	196.4	196.4	196.4	196.4	196.8	196.8	196.8	196.8
	75					179.0	179.0	179.0	179.0	178.8	178.8	178.8	178.8	179.3	179.3	179.3	179.3
	80					163.5	163.5	163.5	163.5	163.6	163.6	163.6	163.6	164.3	164.3	164.3	164.3
85									150.5	150.5	150.5	150.5	151.3	151.3	151.3	151.3	
90									138.7	138.7	138.7	138.7	139.8	139.8	139.8	139.8	
95													129.7	129.7	129.7	129.7	
Radius [ft]	Main boom length 105 ft				Main boom length 115 ft				Main boom length 135 ft				Main boom length 154 ft				
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	
	20	756.4	655.1	567.5		729.1	629.2	543.2		668.5	575.4			612.6	524.0		
	25	609.8	587.1	526.3	469.7	607.5	586.6	510.5	452.2	565.2	544.0	470.2	412.7	584.7	516.3	431.1	373.7
	30	508.5	494.6	481.4	435.7	507.0	499.6	467.0	418.0	504.0	492.2	437.7	386.2	484.1	467.5	405.8	355.7
	35	438.4	434.2	422.4	398.8	438.0	434.0	420.0	387.2	433.6	429.8	409.0	362.6	426.2	413.4	376.7	332.3
	40	384.9	379.3	375.2	371.7	381.9	375.8	370.2	357.4	380.1	374.7	364.1	334.5	374.7	364.6	355.0	315.7
	45	342.4	334.7	332.0	332.0	341.8	334.1	333.4	332.5	336.0	327.8	323.0	310.1	330.4	322.3	314.5	291.2
	50	306.3	296.6	294.0	294.0	305.8	296.2	295.8	295.0	303.8	293.7	293.0	289.6	294.8	287.8	281.8	271.3
	55	273.2	267.5	265.0	265.0	272.8	265.3	265.0	264.5	271.7	263.6	263.1	261.8	265.6	259.4	254.8	249.6
	60	242.2	242.2	240.7	240.7	241.7	241.7	241.5	241.1	240.6	238.0	237.6	237.1	239.1	235.5	232.1	227.7
	65	217.0	217.0	217.0	217.0	216.5	216.5	216.5	216.5	215.4	215.4	215.4	215.4	213.8	213.8	212.8	209.0
	70	196.1	196.1	196.1	196.1	195.7	195.7	195.7	195.7	194.5	194.5	194.5	194.5	192.9	192.9	192.9	192.8
	75	178.6	178.6	178.6	178.6	178.1	178.1	178.1	178.1	177.0	177.0	177.0	177.0	175.4	175.4	175.4	175.4
	80	163.6	163.6	163.6	163.6	163.2	163.2	163.2	163.2	162.0	162.0	162.0	162.0	160.4	160.4	160.4	160.4
	85	150.6	150.6	150.6	150.6	150.2	150.2	150.2	150.2	149.1	149.1	149.1	149.1	147.4	147.4	147.4	147.4
	90	139.3	139.3	139.3	139.3	138.9	138.9	138.9	138.9	137.8	137.8	137.8	137.8	136.1	136.1	136.1	136.1
	95	129.2	129.2	129.2	129.2	129.0	129.0	129.0	129.0	127.8	127.8	127.8	127.8	126.2	126.2	126.2	126.2
	100	120.3	120.3	120.3	120.3	120.1	120.1	120.1	120.1	119.0	119.0	119.0	119.0	117.4	117.4	117.4	117.4
	105	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	111.2	111.2	111.2	111.2	109.5	109.5	109.5	109.5
110					105.0	105.0	105.0	105.0	104.1	104.1	104.1	104.1	102.4	102.4	102.4	102.4	
115					98.4	98.4	98.4	98.4	97.6	97.6	97.6	97.6	96.0	96.0	96.0	96.0	
120									91.8	91.8	91.8	91.8	90.2	90.2	90.2	90.2	
125									86.4	86.4	86.4	86.4	84.9	84.9	84.9	84.9	
130									81.5	81.5	81.5	81.5	80.0	80.0	80.0	80.0	
135									76.8	76.8	76.8	76.8	75.5	75.5	75.5	75.5	
140													71.4	71.4	71.4	71.4	
145													67.5	67.5	67.5	67.5	
150													63.8	63.8	63.8	63.8	
155													60.4	60.4	60.4	60.4	

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

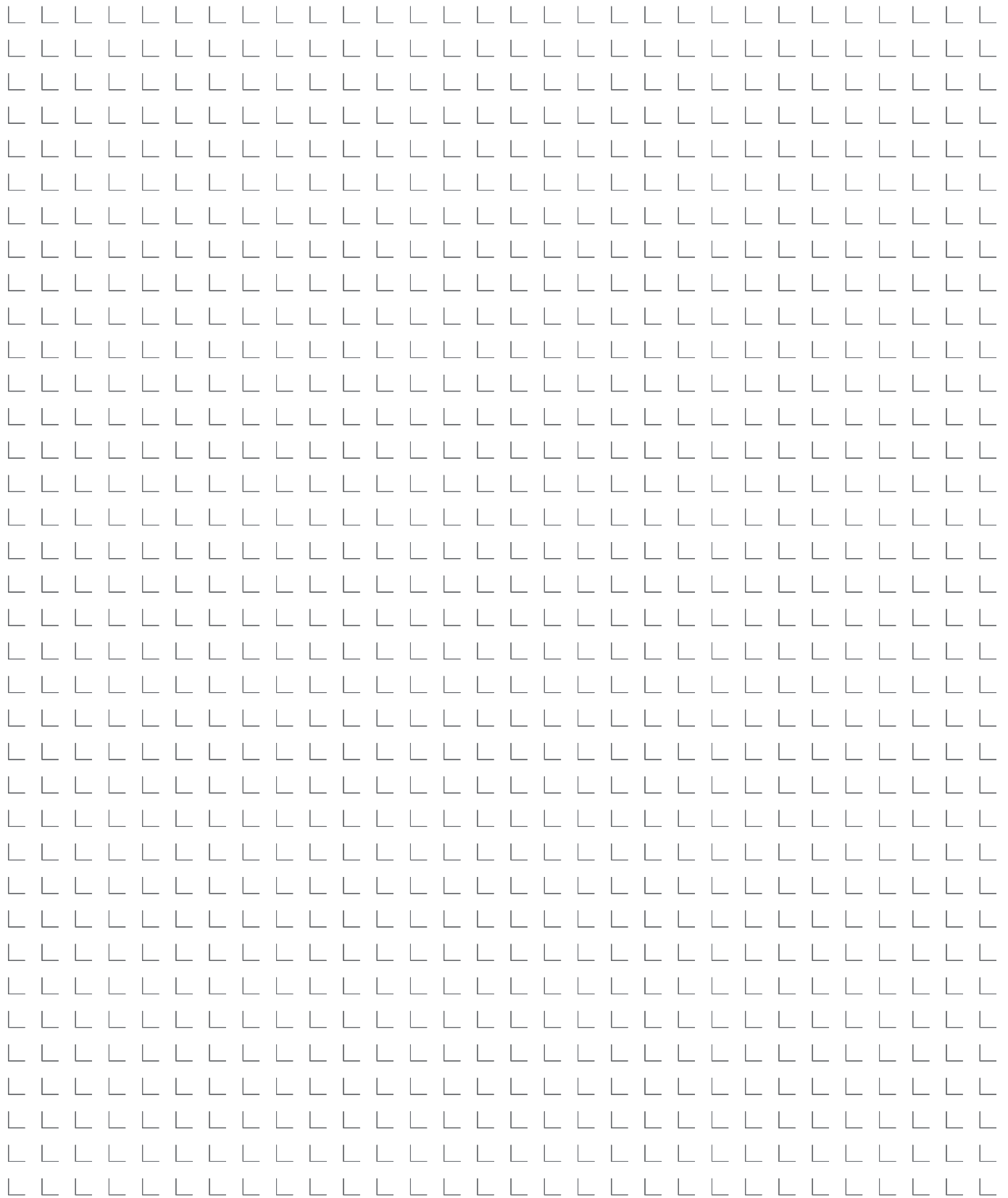
221,600 lbs    265,700 lbs    310,700 lbs    332,700 lbs

**Lifting capacities in 1000 lbs - main boom on floating unit with inclination [0/1/2/3°] - TLT 13630772**

	Main boom length 174 ft				Main boom length 194 ft				Main boom length 213 ft				Main boom length 233 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
20	562.8				492.3				424.9				373.9			
25	547.9	466.0	389.0		492.3	402.7	342.2		424.9	360.8			373.9	321.5		
30	479.3	433.1	368.6	322.7	453.8	392.5	333.3	291.0	422.8	360.1	304.0	70.2	373.9	321.5	273.2	
35	410.3	393.3	347.7	306.3	390.4	375.3	320.4	281.2	372.0	343.8	292.1	254.2	354.7	312.0	264.2	229.4
40	357.7	347.3	328.2	290.8	341.6	330.9	302.2	265.8	326.6	315.6	279.4	243.8	312.3	301.1	255.9	222.9
45	316.3	307.9	299.8	276.4	302.8	294.1	285.8	254.2	290.2	281.3	265.1	232.7	278.1	268.9	243.1	211.9
50	282.9	275.9	269.2	256.4	271.3	264.1	257.1	240.8	260.5	253.0	245.8	224.5	250.0	242.2	232.8	203.1
55	255.3	249.5	243.8	238.4	245.2	239.1	233.2	225.1	235.7	229.3	223.2	212.2	226.4	219.8	213.5	196.5
60	232.1	227.2	222.4	217.7	223.1	217.9	212.9	208.0	214.6	209.2	204.0	198.9	206.3	200.7	195.2	185.6
65	212.4	208.2	204.0	200.0	204.3	199.8	195.4	191.2	196.6	191.9	187.4	183.0	189.0	184.1	179.4	174.8
70	191.5	191.5	188.2	184.7	188.0	184.1	180.3	176.6	181.0	176.9	172.9	169.0	174.0	169.7	165.6	161.5
75	173.9	173.9	173.9	171.2	172.1	170.4	167.0	163.7	167.4	163.7	160.2	156.7	160.8	157.0	153.3	149.8
80	158.8	158.8	158.8	158.8	157.1	157.1	155.3	152.4	155.3	152.0	148.9	145.8	149.2	145.8	142.5	139.3
90	134.6	134.6	134.6	134.6	132.8	132.8	132.8	132.8	131.1	131.1	129.8	127.3	129.2	126.7	124.0	121.4
100	115.8	115.8	115.8	115.8	114.0	114.0	114.0	114.0	112.3	112.3	112.3	112.2	110.3	110.3	109.0	106.8
110	100.9	100.9	100.9	100.9	99.0	99.0	99.0	99.0	97.3	97.3	97.3	97.3	95.3	95.3	95.3	94.6
120	88.7	88.7	88.7	88.7	86.8	86.8	86.8	86.8	85.0	85.0	85.0	85.0	83.1	83.1	83.1	83.1
130	78.5	78.5	78.5	78.5	76.6	76.6	76.6	76.6	74.9	74.9	74.9	74.9	72.9	72.9	72.9	72.9
140	69.9	69.9	69.9	69.9	68.1	68.1	68.1	68.1	66.3	66.3	66.3	66.3	64.3	64.3	64.3	64.3
150	62.5	62.5	62.5	62.5	60.7	60.7	60.7	60.7	59.0	59.0	59.0	59.0	57.0	57.0	57.0	57.0
160	56.1	56.1	56.1	56.1	54.3	54.3	54.3	54.3	52.6	52.6	52.6	52.6	50.6	50.6	50.6	50.6
170	50.3	50.3	50.3	50.3	48.7	48.7	48.7	48.7	47.0	47.0	47.0	47.0	45.0	45.0	45.0	45.0
180					43.7	43.7	43.7	43.7	42.0	42.0	42.0	42.0	40.1	40.1	40.1	40.1
190					39.1	39.1	39.1	39.1	37.6	37.6	37.6	37.6	35.7	35.7	35.7	35.7
200									33.8	33.8	33.8	33.8	31.9	31.9	31.9	31.9
210									30.2	30.2	30.2	30.2	28.4	28.4	28.4	28.4
220													25.1	25.1	25.1	25.1
230													22.0	22.0	22.0	22.0
	Main boom length 253 ft				Main boom length 272 ft				Main boom length 292 ft				Main boom length 312 ft			
	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°	0°	1°	2°	3°
25	336.1	287.3			295.0				263.4				233.7			
30	336.1	287.3	242.1		295.0	254.3			263.4	227.0			233.7	199.4		
35	331.3	283.0	238.1	203.8	295.0	254.3	215.1		263.4	227.0	188.7		233.7	199.4	160.4	
40	298.8	271.8	230.8	198.7	284.6	245.5	206.8	177.2	257.9	222.4	185.0	156.4	231.7	197.9	160.2	135.4
50	240.0	232.1	211.8	184.1	230.3	222.2	192.4	167.4	221.0	208.6	175.7	150.9	212.0	187.7	159.3	132.9
60	198.4	192.5	187.0	172.2	190.5	184.6	178.8	156.6	183.0	176.9	163.1	139.7	175.6	169.4	146.3	124.6
70	167.4	162.9	158.6	154.4	160.7	156.1	151.7	144.4	154.4	149.6	145.1	131.0	148.1	143.2	137.3	118.9
80	143.4	139.9	136.4	133.1	137.6	133.9	130.4	126.9	132.0	128.2	124.5	121.0	126.4	122.5	118.7	110.8
90	124.3	121.4	118.6	115.9	119.1	116.1	113.2	110.3	114.0	110.9	107.9	105.0	109.0	105.8	102.6	99.6
100	108.6	106.4	104.0	101.8	103.9	101.4	99.0	96.6	99.3	96.7	94.2	91.7	94.6	91.9	89.3	86.8
110	93.5	93.5	91.8	89.9	91.3	89.2	87.1	85.1	87.0	84.8	82.6	80.6	82.6	80.3	78.1	75.9
120	81.2	81.2	81.2	79.8	79.2	78.8	77.0	75.3	76.5	74.7	72.8	71.0	72.4	70.4	68.5	66.6
130	71.0	71.0	71.0	71.0	69.0	69.0	68.4	66.9	67.1	65.9	64.3	62.8	63.6	61.9	60.2	58.6
140	62.4	62.4	62.4	62.4	60.4	60.4	60.4	59.5	58.5	58.4	57.0	55.6	55.9	54.4	53.0	51.6
150	55.1	55.1	55.1	55.1	53.0	53.0	53.0	53.0	51.1	51.1	50.5	49.3	49.0	47.9	46.6	45.4
160	48.7	48.7	48.7	48.7	46.6	46.6	46.6	46.6	44.7	44.7	44.7	43.6	42.6	42.1	41.0	39.8
170	43.1	43.1	43.1	43.1	41.0	41.0	41.0	41.0	39.1	39.1	39.1	38.6	37.0	37.0	35.9	35.2
180	38.2	38.2	38.2	38.2	36.1	36.1	36.1	36.1	34.4	34.4	34.4	34.4	32.4	32.4	31.7	30.8
190	34.0	34.0	34.0	34.0	32.0	32.0	32.0	32.0	30.0	30.0	30.0	30.0	28.0	28.0	27.6	26.8
200	30.1	30.1	30.1	30.1	28.0	28.0	28.0	28.0	26.1	26.1	26.1	26.1	24.0	24.0	23.8	23.1
210	26.6	26.6	26.6	26.6	24.5	24.5	24.5	24.5	22.6	22.6	22.6	22.6	20.4	20.4	20.4	19.8
220	23.3	23.3	23.3	23.3	21.3	21.3	21.3	21.3	19.3	19.3	19.3	19.3	17.2	17.2	17.2	16.7
230	20.3	20.3	20.3	20.3	18.3	18.3	18.3	18.3	16.4	16.4	16.4	16.4	14.3	14.3	14.3	13.9
240	17.6	17.6	17.6	17.6	15.6	15.6	15.6	15.6	13.7	13.7	13.7	13.7	11.6	11.6	11.6	11.3
250	15.0	15.0	15.0	15.0	13.1	13.1	13.1	13.1	11.3	11.3	11.3	11.3	9.2	9.2	9.2	9.0
260					10.8	10.8	10.8	10.8	9.0	9.0	9.0	9.0	6.9	6.9	6.9	6.7
270					8.6	8.6	8.6	8.6	6.8	6.8	6.8	6.8		4.8	4.8	4.7
280									4.8	4.8	4.8	4.8				









**Download datasheet**



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