

Lifting capacities

Crane identification number:

4070-8106

20.04.95

Z I.1 Lifting capacity (85%)

The crane is designed as an erection crane in accordance with DIN 15 018.3 (lifting capacity class H1), drive group IBm in according with DIN 15020.1.

Temperature range: +40°C to -25°C in accordance with information in the operating instructions.

The following lifting capacity tables only are applicable when planning crane operations and operating the crane.

Values stated on the information sheets accompanying each model are not binding.

Special instructions for the lifting capacity tables:

- The crane operator must ensure that the values indicated in the lifting capacity tables for load and radius are not exceeded under any circumstances.
The safe load indicator (SLI) does not release him from this duty. It is not permitted to use the SLI as a weighing device.
- Ropesingle line pull 13670 lbs
- Lifting capacity = load on hook + weight of hook block + lifting tackle
- Stated lifting capacities are only valid for cranes which are levelled horizontally.
- Before starting work with the crane ensure that it is level horizontally and check continuously that it is still level during operation.

Weight of the hook block:

Hook block (6-sheaves)	154 350 lbs (70,0t) Headache	Weight 1760 lbs
Hook block (3-sheaves)	99 200 lbs (45,0t) Headache	1430 lbs
Hook block (1-sheave)	39 700 lbs (18,0t) Headache	660 lbs

- When the 32/52 ft two-stage swing-away lattice extension is folded against the main boom the lifting capacity if the main boom is reduced as follows:

	supported with outriggers	free-on-wheels 0° to the rear
3 telescope sections extended	220 lbs	—
2 telescope sections extended	330 lbs	--
1 telescope sections extended	440 lbs	660 lbs
No telescope sections extended	880 lbs	1300 lbs

- * When the 32/52 ft two-stage swing-away lattice extension is erected in working position on the main boom the lifting capacity of the main boom is reduced as follows:

With 32-ft swing-away lattice extension

	Swing-away lattice extension	
	without hook block (660 lbs)	with
3 telescope sections extended	2 650 lbs	3 300 lbs
2 telescope sections extended	3 300 lbs	4 000 lbs
1 telescope sections extended	3 300 lbs	4 400 lbs
No telescope sections extended	4 000 lbs	5 500 lbs

With 52-ft swing-away lattice extension

	Swing-away lattice extension	
	without hook block (660 lbs)	with
3 telescope sections extended	3 500 lbs	4 400 lbs
2 telescope sections extended	3 750 lbs	4 900 lbs
1 telescope sections extended	4 200 lbs	5 500 lbs
No telescope sections extended	6 000 lbs	7 900 lbs

- * When operating the crane with the 32/52 ft two-stage swing-away lattice extension and a hook block is reeved on main boom, the lifting capacity is reduced as follows:

with hook block 154 300 lbs (70,0t) at 2 200 lbs

with hook block 99 200 lbs (45,0t) at 2 000 lbs

with hook block 39 700 lbs (18,0t) at 900 lbs

Caution: Do not lower the main boom in horizontal position when the double swing-away lattice extension is attached to it.



Caution: Do not slew the superstructure unless the crane is supported by the outriggers, otherwise the crane may overturn!



Notes on the safe Load Indicator (SLI) system:

Caution: Two-hook operation is not covered by the SLI. The SLI only covers onehook operation.



Two-hook operation can lead to overloading and tipping of the crane.

- The intended operating condition of the crane must be set on the SLI (SLI code and reeving mode).

The SLI can only operate correctly and shut down systems at the right time if these points are observed.

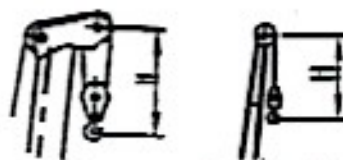
Permitted counterweight versions:

29 500 lbs (13,4 t)		19 900 lbs (9,0 t)		15 000 lbs (6,8 t)	
1,7t	1,7t	1,7t	1,7t	1,7t	1,7t
3,4t		3,4t		3,4t	
1,8t		1,8t		1,8t	
1,0t		1,0t		1,0t	
1,0t		1,0t		1,0t	
2,4t		2,4t		2,4t	

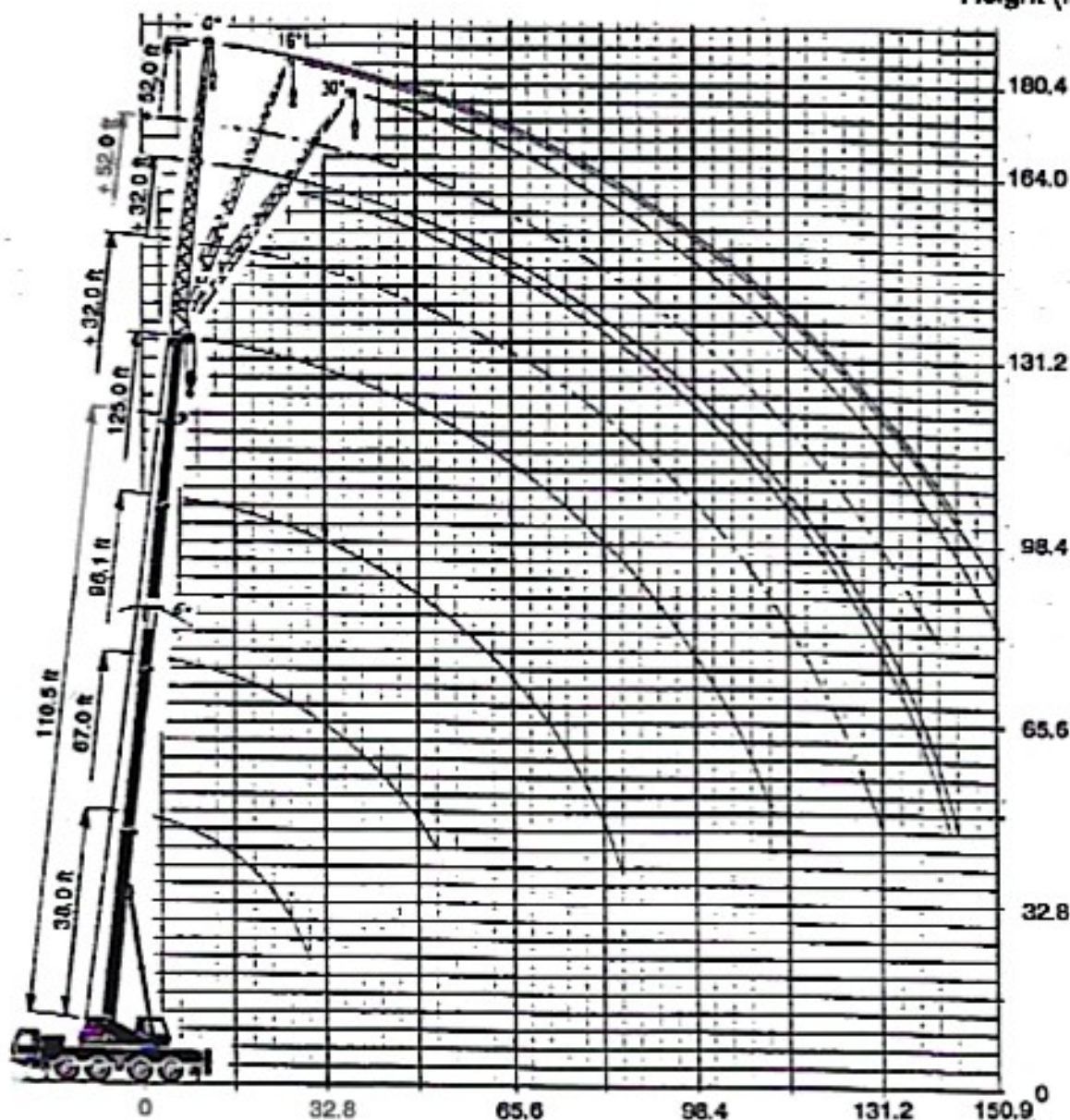
Working range diagram

Hook blocks

Lifting capacities in lbs	154 350	99 200	39 700	17 600
Distance in ft	10.2	9.8	9.2	6.9



Height (ft)



Radius (ft)

These working range curves are only valid in conjunction with the radii listed in the lifting capacity tables.

The sheaves heights are calculated theoretically. The actual values deviate from these values due to deflection of the boom, depending on the load.

Z 1.2 Lifting capacity**2 104 472****Contents****2.1 Main boom**

2 297 830				(13,4t)
2 297 860	Fixed lengths	A 27.4x23.6ft	360°	CW 29 500 lbs
2 100 120				(13,4t)
2 100 187	Intermediate lengths	A 27.4x23.6ft	360°	CW 29 500 lbs
2 297 840				(9,0t)
2 297 870	Fixed lengths	A 27.4x23.6ft	360°	CW 19 900 lbs
2 100 121				(9,0t)
2 100 188	Intermediate lengths	A 27.4x23.6ft	360°	CW 19 900 lbs
2 297 850				(6,8t)
2 297 880	Fixed lengths	A 27.4x23.6ft	360°	CW 15 000 lbs
2 100 122				(6,8t)
2 100 189	Intermediate lengths	A 27.4x23.6ft	360°	CW 15 000 lbs
2 297 831				(13,4t)
2 297 861	Fixed lengths	B 27.4x15.6m	360°	CW 29 500 lbs
2 101 663				(13,4t)
2 102 186	Intermediate lengths	B 27.4x15.6m	360°	CW 29 500 lbs
2 297 841				(9,0t)
2 297 871	Fixed lengths	B 27.4x15.6m	360°	CW 19 900 lbs
2 101 664				(9,0t)
2 102 187	Intermediate lengths	B 27.4x15.6m	360°	CW 19 900 lbs
2 297 851				(6,8t)
2 297 881	Fixed lengths	B 27.4x15.6m	360°	CW 15 000 lbs
2 101 665				(6,8t)
2 102 188	Intermediate lengths	B 27.4x15.6m	360°	CW 15 000 lbs
2 104 196				(13,4t)
2 104 198	Fixed lengths	free-on-wheel	0°	CW 29 500 lbs
2 104 206				(9,0t)
2 104 208	Fixed lengths	free-on-wheel	0°	CW 19 900 lbs
2 104 216				(6,8t)
2 104 218	Fixed lengths	free-on-wheel	0°	CW 15 000 lbs

2.2 Swing-away lattice extension

2 297 832				(13,4t)
2 297 862	32 ft / 52 ft; 0°;	A 27.4x23.6ft	360°	CW 29 500 lbs
2 297 833				(13,4t)
2 297 863	32 ft / 52 ft; 16°;	A 27.4x23.6ft	360°	CW 29 500 lbs
2 297 834				(13,4t)
2 297 864	32 ft / 52 ft; 30°;	A 27.4x23.6ft	360°	CW 29 500 lbs
2 297 842				(9,0t)
2 297 872	32 ft / 52 ft; 0°;	A 27.4x23.6ft	360°	CW 19 900 lbs
2 297 843				(9,0t)
2 297 873	32 ft / 52 ft; 16°;	A 27.4x23.6ft	360°	CW 19 900 lbs
2 297 844				(9,0t)
2 297 874	32 ft / 52 ft; 30°;	A 27.4x23.6ft	360°	CW 19 900 lbs
2 297 852				(6,8t)
2 297 882	32 ft / 52 ft; 0°;	A 27.4x23.6ft	360°	CW 15 000 lbs
2 297 853				(6,8t)
2 297 883	32 ft / 52 ft; 16°;	A 27.4x23.6ft	360°	CW 15 000 lbs
2 297 854				(6,8t)
2 297 884	32 ft / 52 ft; 30°;	A 27.4x23.6ft	360°	CW 15 000 lbs

2.1 Main boom

2 297 830

2 297 860

	Crane with 29 500 lbs (13,4 t) Counterweight (Outrigger base 27.4 x 23.6 ft)						
	Main boom - fixed lengths in ft						
	38.0	66.9	67.0	95.9	96.1	113.2	124.9
Slewing-range	360°						
Tel. sec. I	0.0	0.5	0.0	1.0	0.0	1.0	1.0
Tel. sec. II	0.0	0.5	1.0	1.0	1.0	1.0	1.0
Tel. sec. III	0.0	0.0	0.0	0.0	1.0	0.6	1.0
Radius	Lifting capacity in 1000 lbs						
10.0	161.0						
15.0	133.0	85.0	43.6				
20.0	106.0	79.0	43.6	43.6	24.2	34.0	
25.0	79.0	68.0	43.6	43.6	24.2	32.4	24.2
30.0		57.0	43.0	38.8	24.2	29.4	24.2
35.0		44.0	38.4	34.8	24.2	26.8	24.2
40.0		35.2	34.6	31.4	24.2	24.6	24.0
45.0		28.8	30.6	28.6	22.4	22.6	22.2
50.0		24.1	25.8	23.8	20.6	20.8	20.4
55.0				19.6	19.2	19.0	18.6
60.0				16.4	17.8	17.2	17.0
65.0				13.8	16.6	15.2	15.6
70.0				11.6	15.6	13.0	13.8
75.0				9.8	14.0	11.2	11.8
80.0				8.2	12.4	9.6	10.2
85.0				6.8	11.0	8.2	8.8
90.0						7.0	7.6
95.0						6.0	6.6
100.0							5.6
105.0							4.8
110.0							4.0
SLI Code	310						
Max. permitted wind speed	8			6			

2 100 120

2 100 187

Crane with 29 500 lbs (13,4 t) Counterweight (Outrigger base 27.4 x 23.6 ft)																	
Main boom - intermediate lengths in ft																	
38.0 - 52.5		52.5 - 68.9				68.9 - 81.8				81.8 - 95.1		95.1 - 110.5		110.5 - 124.9			
Slewing range	360°																
Tel. sec. I	0-50	0	50	0-50	50-100	0	50-100	0-50	100	0	50-100	100	0	0-50	100	50-100	100
Tel. sec. II	0	0-50	0-50	50	0	50-100	50	100	0-50	100	100	50-100	100	100	100	100	100
Tel. sec. III	0	0	0	0	0	0	0	0	0-50	0	0	50-100	100	0-50	100	50-100	100
Radius	Lifting capacity in 1000 lbs																
10.0	68.0		68.0		35.0												
15.0	68.0		68.0		35.0			35.0									
20.0	65.1		65.1		35.0			35.0	29.5	35.0	19.8	19.8					
25.0	56.5		55.5		35.0			34.6	26.7	34.6	19.8	19.8	24.2	19.8	19.8		
30.0	45.2		45.2		34.5			31.6	24.0	31.6	19.8	19.8	23.0	19.8	19.8		
35.0	35.3		35.3		31.4			28.4	21.7	28.4	19.8	19.8	21.5	19.8	19.8		
40.0	28.1		28.1		27.1			25.3	19.8	25.3	19.8	19.8	19.8	19.8	19.8		
45.0			22.8		21.8			21.8	18.1	21.8	18.1	18.1	18.1	18.1	18.1		
50.0			18.9		17.0			17.6	17.6	17.6	16.7	16.3	16.5	16.3	16.5		
55.0								14.8	15.6	14.8	15.4	14.9	14.9	14.9	14.9		
60.0								12.3	14.3	12.3	14.3	13.6	13.6	13.6	13.6		
65.0								10.3	13.1	10.3	13.5	12.1	11.4	12.1	12.3		
70.0								8.6	11.7	8.6	12.4	10.5	9.8	10.5	10.6		
75.0										7.4	11.0	9.1	8.5	9.1	9.1		
80.0										6.9	9.5	7.9	7.1	7.9	7.8		
85.0										5.5	8.8	6.8	6.0	6.8	6.8		
90.0												5.9	4.9	5.9	6.0		
95.0												5.3	4.1	5.3	5.1		
100.0															4.4	4.1	
105.0															3.7	3.5	
110.0																3.0	
SLI Code	310																
Max. permitted wind speed	8						6										

* The above lifting capacity values are monitored automatically by the SLI.

* The boom should be extended to take required length before the load is lifted.
The particular telescope section can also be extended under load.

The telescopic load depends, however, on the angle of the boom and on how well the sliding wear pads between the telescope sections are lubricated.

2 297 840

2 297 870

	Crane with 19 900 lbs (9,0 t) Counterweight (Outrigger base 27.4 x 23.6 ft)						
	Main boom - fixed lengths in ft						
	38.0	60.9	87.0	95.9	99.1	113.2	124.9
Slewing-range	360°						
Tel. sec. I	0.0	0.5	0.0	1.0	0.0	1.0	1.0
Tel. sec. II	0.0	0.5	1.0	1.0	1.0	1.0	1.0
Tel. sec. III	0.0	0.0	0.0	0.0	1.0	0.6	1.0
Radius	Lifting capacity in 1000 lbs						
10.0	161.0						
15.0	133.0	85.0	43.6				
20.0	102.0	79.0	43.6	43.6	24.2	34.0	
25.0	72.0	68.0	43.6	43.6	24.2	32.4	24.2
30.0		50.0	43.0	38.8	24.2	29.4	24.2
35.0		38.2	38.4	34.8	24.2	26.8	24.2
40.0		30.2	32.2	30.0	24.2	24.6	24.0
45.0		24.2	26.0	23.8	22.4	22.6	22.2
50.0		19.4	21.4	19.2	20.6	20.8	20.4
55.0				15.6	19.2	17.2	18.0
60.0				12.8	17.2	14.2	15.0
65.0				10.4	14.8	12.0	12.6
70.0				8.6	12.8	10.0	10.8
75.0				7.0	11.2	8.4	9.0
80.0				5.6	9.8	7.0	7.6
85.0				4.4	8.4	5.8	6.4
90.0						4.8	5.4
95.0						3.8	4.4
100.0							3.6
105.0							3.0
110.0							2.2
SLI Code	210						
Max. permitted wind speed	8			6			

2 100 121

2 100 188

	Crane with 19 900 lbs (9,0 t) Counterweight (Outrigger base 27.4 x 23.6 ft)																	
	Main boom - intermediate lengths in ft																	
	38.0 - 52.5		52.5 - 65.9				68.9 - 81.8				81.8 - 98.1				98.1 - 112.5		112.5 - 124.9	
Swinging range	360°																	
Tel. sec. I	0-50	0	50	0-50	50-100	0	50-100	0-50	100	0	50-100	100	0	0-50	100	50-100	100	
Tel. sec. II	0	0-50	0-50	50	0	50-100	50	100	0-50	100	100	50-100	100	100	100	100	100	
Tel. sec. III	0	0	0	0	0	0	0	0	0	0-50	0	0	50-100	100	0-50	100	50-100	
Radius	Lifting capacity in 1000 lbs																	
10.0	68.0		68.0		35.0													
15.0	68.0		68.0		35.0		35.0											
20.0	65.1		65.1		35.0		35.0	29.5	35.0	19.8	19.8							
25.0	54.6		54.6		35.0		34.6	26.7	34.6	19.8	19.8	24.2	19.8	19.8				
30.0	40.5		40.5		34.5		31.5	24.0	31.5	19.8	19.8	23.0	19.8	19.8				
35.0	30.8		30.8		30.0		27.9	21.7	27.9	19.8	19.8	21.5	19.8	19.8				
40.0	24.2		24.2		23.2		23.2	19.8	23.2	19.6	19.6	19.8	19.6	19.6				
45.0			19.4		18.4		18.4	18.1	18.4	18.1	18.1	18.1	18.1	18.1				
50.0			15.9		15.3		15.3	16.7	15.3	16.7	16.4	16.2	16.4	16.5				
55.0							12.5	15.2	12.5	15.4	14.8	13.6	14.8	14.5				
60.0							10.1	13.2	10.1	14.2	13.0	11.2	13.0	12.1				
65.0							8.1	11.2	8.1	12.2	11.0	9.4	11.0	10.3				
70.0							6.8	9.5	6.6	10.7	9.4	7.9	9.4	8.7				
75.0									5.7	9.3	8.1	6.5	8.1	7.4				
80.0									5.1	8.0	7.0	5.4	7.0	6.3				
85.0									4.2	7.0	6.0	4.4	6.0	5.1				
90.0											5.1	3.5	5.1	4.4				
95.0											4.4	2.8	4.4	3.7				
100.0														3.7	2.6			
105.0														3.0	1.8			
SLI Code	210																	
Max. permitted wind speed	8						6											

* The above lifting capacity values are monitored automatically by the SLI.

* The boom should be extended to take required length before the load is lifted.
The particular telescope section can also be extended under load.

The telescopic load depends, however, on the angle of the boom and on how well the sliding wear pads between the telescope sections are lubricated.

2 297 850

2 297 880

	Crane with 15 000 lbs (6,8 t) Counterweight (Outrigger base 27.4 x 23.6 ft)						
	Main boom - fixed lengths in ft						
	38.0	66.9	67.0	95.9	96.1	113.2	124.9
Slewing-range	360°						
Tel. sec. I	0.0	0.5	0.0	1.0	0.0	1.0	1.0
Tel. sec. II	0.0	0.5	1.0	1.0	1.0	1.0	1.0
Tel. sec. III	0.0	0.0	0.0	0.0	1.0	0.6	1.0
Radius	Lifting capacity in 1000 lbs						
10.0	160.0						
15.0	133.0	85.0	43.6				
20.0	95.0	79.0	43.6	43.6	24.2	34.0	
25.0	67.0	65.0	43.6	43.6	24.2	32.4	24.2
30.0		46.0	43.0	38.8	24.2	29.4	24.2
35.0		35.2	37.2	34.8	24.2	20.8	24.2
40.0		27.2	29.2	27.0	24.2	24.6	24.0
45.0		21.4	23.4	21.2	22.4	22.6	22.2
50.0		17.2	19.2	16.8	20.6	18.4	19.4
55.0				13.6	18.2	15.0	16.0
60.0				11.0	15.4	12.4	13.2
65.0				8.8	13.2	10.2	11.0
70.0				7.0	11.4	8.4	9.2
75.0				5.6	9.8	7.0	7.6
80.0				4.2	8.4	5.6	6.4
85.0				3.2	7.2	4.6	5.2
90.0						3.6	4.2
95.0						2.8	3.4
100.0							2.6
105.0							2.0
110.0							1.4
SLI Code	110						
Max. permitted wind speed	8			6			

2 100 122

2 100 189

	Crane with 15 000 lbs (6,8 t) Counterweight (Outrigger base 27.4 x 23.6)																
	Main boom - intermediate lengths in ft																
	38.0 - 52.5		52.5 - 66.9				66.9 - 81.3				81.3 - 95.1		95.1 - 110.5		110.5 - 124.9		
Slewing-range	360°																
Tel. sec. I	0-50	0	50	0-50	50-100	0	50-100	0-50	100	0	50-100	100	0	0-50	100	50-100	100
Tel. sec. II	0	0-50	0-50	50	0	50-100	50	100	0-50	100	100	50-100	100	100	100	100	100
Tel. sec. III	0	0	0	0	0	0	0	0	0	0-50	0	0	50-100	100	0-50	100	50-100
Radius	Lifting capacity in 1000 lbs																
10.0	68.0		68.0		35.0			35.0									
15.0	68.0		68.0		35.0			35.0									
20.0	65.1		65.1		35.0			35.0	29.5	35.0	19.8	19.8					
25.0	47.0		47.0		35.0			35.0	26.7	35.0	19.8	19.8	24.2	19.8	19.8		
30.0	34.0		34.0		33.0			31.5	24.0	31.5	19.8	19.8	22.7	19.8	19.8		
35.0	25.4		25.4		25.0			25.0	21.7	25.0	19.8	19.8	21.5	19.8	19.8		
40.0	19.9		19.9		18.9			18.9	19.8	18.9	18.7	18.7	18.5	18.7	18.7		
45.0			15.8		14.9			14.9	17.9	14.9	18.1	17.7	16.3	17.7	17.1		
50.0			12.7		12.0			12.0	15.5	12.0	15.3	14.9	13.0	14.9	14.1		
55.0								9.4	12.4	9.4	13.6	12.2	10.7	12.2	11.5		
60.0								7.5	10.4	7.5	11.3	10.2	8.7	10.2	9.5		
65.0								5.9	8.7	5.9	9.7	8.7	7.1	8.7	8.0		
70.0								4.4	7.3	4.4	8.4	7.2	5.6	7.2	6.8		
75.0										3.5	7.3	6.0	4.5	6.0	5.3		
80.0										2.9	6.3	5.0	3.4	5.0	4.1		
85.0										2.2	5.3	4.1	2.5	4.1	3.3		
90.0												3.3		3.3	2.5		
95.0												2.4		2.4	1.9		
SLI Code	110																
Max. permitted wind speed	8				6												

- * The above lifting capacity values are monitored automatically by the SLI.
- * The boom should be extended to the required length before the load is lifted. The particular telescope section can also be extended under load.

The telescopic load depends, however, on the angle of the boom and on how well the sliding wear pads between the telescope sections are lubricated.

2 297 831

2 297 861

	Crane with 29 500 lbs (13,4 t) Counterweight (Outrigger base 27,4 x 15,6 ft)						
	Main boom - fixed lengths in ft						
	38.0	66.9	87.0	95.9	98.1	113.2	124.9
Slewing-range	360°						
Tel. sec. I	0.0	0.5	0.0	1.0	0.0	1.0	1.0
Tel. sec. II	0.0	0.5	1.0	1.0	1.0	1.0	1.0
Tel. sec. III	0.0	0.0	0.0	0.0	1.0	0.6	1.0
Radius	Lifting capacity in 1000 lbs						
10.0	144.0						
15.0	109.0	85.0	43.6				
20.0	71.0	70.0	43.6	43.6	24.2	34.0	
25.0	48.0	47.0	43.6	43.6	24.2	32.4	24.2
30.0		34.0	38.0	33.6	24.2	29.4	24.2
35.0		25.8	27.8	25.6	24.2	26.8	24.2
40.0		20.0	22.0	19.8	24.2	21.4	22.2
45.0		15.8	17.6	15.6	20.0	17.0	17.8
50.0		12.6	14.4	12.2	16.6	13.8	14.6
55.0				9.8	14.0	11.2	12.0
60.0				7.6	11.8	9.0	9.8
65.0				6.0	10.2	7.4	8.0
70.0				4.6	8.6	6.0	6.6
75.0				3.4	7.4	4.6	5.4
80.0				2.2	6.2	3.6	4.2
85.0				1.4	5.4	2.6	3.4
90.0						1.8	2.6
95.0						1.2	1.8
100.0							1.2
105.0							
SLI Code	312						
Max. permitted wind speed	8			6			

2 101 663

2 102 186

	Crane with 29 500 lbs (13,4 t) Counterweight (Outrigger base 27.4 x 15.6 ft)																
	Main boom - intermediate lengths in ft																
	38.0 - 52.5		52.5 - 66.9				66.9 - 81.6				81.6 - 96.1		96.1 - 110.5		110.5 - 124.9		
Slewing-range	360°																
Tel. sec. I	0-50	0	50	0-50	50-100	0	50-100	0-50	100	0	50-100	100	0	0-50	100	50-100	100
Tel. sec. II	0	0-50	0-50	50	0	50-100	50	100	0-50	100	100	50-100	100	100	100	100	100
Tel. sec. III	0	0	0	0	0	0	0	0	0-50	0	0	0	50-100	100	0-50	100	50-100
Radius	Lifting capacity in 1000 lbs																
10.0	68.0		68.0		35.0												
15.0	68.0		68.0		35.0		35.0										
20.0	55.0		55.0		35.0		32.4	29.5	35.0	19.8	19.8	24.5	19.8	19.8			
25.0	36.4		36.4		32.4		25.0	20.5	32.4	19.8	19.8	23.6	19.8	19.8			
30.0	26.0		26.0		25.0		18.4	24.0	25.0	19.8	19.8	23.2	19.8	19.8			
35.0	19.4		19.4		18.4		13.8	21.5	18.4	19.8	19.8	19.4	19.8	19.8			
40.0	14.6		14.6		13.8		10.6	17.4	13.8	18.2	17.1	15.2	17.1	10.4			
45.0			11.3		10.6		8.0	13.3	10.6	14.8	13.5	11.6	13.5	12.9			
50.0			8.7		8.0		5.6	11.1	8.0	12.1	10.8	9.2	10.8	10.1			
55.0							3.7	8.8	5.6	9.9	8.6	7.1	8.6	8.0			
60.0							2.8	7.2	3.7	8.0	6.9	5.4	6.9	6.3			
65.0								6.4	2.8	6.7	5.6	4.1	5.6	4.9			
70.0								5.3		5.5	4.4	2.8	4.4	3.7			
75.0										4.5	3.3		3.3	2.7			
80.0										3.7	2.4		2.4				
85.0										2.8	2.3						
SLI Code	312																
Max. permitted wind speed	8					6											

- * The above lifting capacity values are monitored automatically by the SLI.
- * The boom should be extended to take required length before the load is lifted. The particular telescope section can also be extended under load.

The telescopic load depends, however, on the angle of the boom and on how well the sliding wear pads between the telescope sections are lubricated.

2 297 841

2 297 871

	Crane with 19 900 lbs (9,0 t) Counterweight (Outrigger base 27.4 x 15.6 ft)						
	Main boom - fixed lengths in ft						
	38.0	66.9	87.0	95.9	98.1	113.2	124.9
Slewing range	360°						
Tel. sec. I	0.0	0.5	0.0	1.0	0.0	1.0	1.0
Tel. sec. II	0.0	0.5	1.0	1.0	1.0	1.0	1.0
Tel. sec. III	0.0	0.0	0.0	0.0	1.0	0.5	1.0
Radius	Lifting capacity in 1000 lbs						
10.0	143.0						
15.0	107.0	85.0	43.0				
20.0	59.0	59.0	43.0	43.0	24.2	34.0	
25.0	30.4	39.0	41.2	38.8	24.2	32.4	24.2
30.0		27.6	29.8	27.4	24.2	29.0	24.2
35.0		20.8	22.6	20.4	24.2	22.0	22.8
40.0		15.6	17.6	15.2	20.0	16.8	17.8
45.0		12.0	13.8	11.6	16.2	13.2	14.0
50.0		9.2	11.0	8.8	13.2	10.4	11.2
55.0				6.6	11.0	8.2	8.8
60.0				5.0	9.2	6.4	7.0
65.0				3.4	7.6	4.8	5.6
70.0				2.2	6.4	3.6	4.2
75.0				1.2	5.2	2.6	3.2
80.0					4.2	1.6	2.4
85.0					3.4		1.4
90.0							
SLI Code	212						
Max. permitted wind speed	8			6			

2 101 664

2 102 187

	Crane with 19 900 lbs (9,0 t) Counterweight (Outrigger base 27.4 x 15.6 ft)																	
	Main boom - intermediate lengths in ft																	
	38.0 - 52.5		52.5 - 65.9				65.9 - 81.8				81.8 - 98.1				98.1 - 110.5		110.5 - 124.9	
Slewing range	360°																	
Tel. sec. I	0-50	0	50	0-50	50-100	0	50-100	0-50	100	0	50-100	100	0	0-50	100	50-100	100	
Tel. sec. II	0	0-50	0-50	50	0	50-100	50	100	0-50	100	100	50-100	100	100	100	100	100	
Tel. sec. III	0	0	0	0	0	0	0	0	0	0-50	0	0	50-100	100	0-50	100	50-100	
Radius	Lifting capacity in 1000 lbs																	
10.0	68.0		68.0		35.0													
15.0	68.0		68.0		35.0													
20.0	45.6		45.6		35.2		35.0	29.5	35.0	19.8	19.8	24.5	19.8	19.8				
25.0	30.7		30.2		29.8		29.6	26.8	29.6	19.8	19.8	23.6	19.8	19.8				
30.0	21.2		21.2		20.5		20.5	23.0	20.5	19.8	19.8	22.3	19.8	19.8				
35.0	15.6		15.6		14.6		14.6	18.4	14.6	18.4	17.7	15.9	17.7	17.1				
40.0	11.4		11.4		10.5		10.5	13.7	10.5	14.9	13.8	11.9	13.8	12.9				
45.0			8.6		7.7		7.7	10.6	7.7	11.9	10.8	9.0	10.8	9.9				
50.0			6.3		5.5		5.5	8.5	5.5	9.5	8.4	6.7	8.4	7.7				
55.0							3.7	6.5	3.7	7.6	6.5	4.8	6.5	5.9				
60.0								5.0		6.1	5.0	3.5	5.0	4.3				
65.0								3.8		4.7	3.8	2.3	3.8	2.9				
70.0								2.8		3.8	2.8							
75.0										3.1	2.1							
SLI Code																		
Max. permitted wind speed	8						6											

- The above lifting capacity values are monitored automatically by the SLI.
- The boom should be extended to take required length before the load is lifted.
The particular telescope section can also be extended under load.

The telescopic load depends, however, on the angle of the boom and on how well the sliding wear pads between the telescope sections are lubricated.

2 297 851

2 297 881

	Crane with 15 000 lbs (6,8 t) Counterweight (Outrigger base 27.4 x 15.6 ft)						
	Main boom - fixed lengths in ft						
	38.0	66.9	67.0	95.9	96.1	113.2	124.9
Swinging range	360°						
Tel. sec. I	0.0	0.5	0.0	1.0	0.0	1.0	1.0
Tel. sec. II	0.0	0.5	1.0	1.0	1.0	1.0	1.0
Tel. sec. III	0.0	0.0	0.0	0.0	1.0	0.6	1.0
Radius	Lifting capacity in 1000 lbs						
10.0	142.0						
15.0	103.0	85.0	43.6				
20.0	54.0	53.0	43.6	43.6	24.2	34.0	
25.0	35.4	35.0	37.2	34.6	24.2	32.4	24.2
30.0		24.6	26.6	24.2	24.2	26.0	24.2
35.0		18.0	20.0	17.6	22.4	19.4	20.2
40.0		13.4	15.2	13.0	17.8	14.6	15.4
45.0		10.0	11.8	9.8	14.2	11.2	12.0
50.0		7.4	9.2	7.2	11.6	8.6	9.4
55.0				5.2	9.4	6.6	7.4
60.0				3.6	7.6	5.0	5.6
65.0				2.2	6.4	3.8	4.2
70.0					5.2	2.4	3.2
75.0					4.2	1.4	2.2
80.0					3.2		1.4
85.0					2.6		
SLI Code	112						
Max. permitted wind speed	8			6			

	Crane with 15 000 lbs (6,8 t) Counterweight (Outrigger base 27.4 x 15.6 ft)															
	Main boom - intermediate lengths in ft															
	34.0 - 52.5		52.5 - 66.9				66.9 - 81.8				81.8 - 96.1		96.1 - 112.5		112.5 - 124.9	
Slewing-range	360°															
Tel. sec. I	0-50	0	50	0-50	50-100	0	10-100	0-50	100	0	50-100	100	0	0-50	100	50-100
Tel. sec. II	0	0-50	0-50	50	0	50-100	50	100	0-50	100	100	50-100	100	100	100	100
Tel. sec. III	0	0	0	0	0	0	0	0	0	0-50	0	0	50-100	100	0-50	100
Radius	Lifting capacity in 1000 lbs															
10.0	68.0		68.0		35.0											
15.0	58.1		58.1		35.0											
20.0	37.0		37.0		34.3		34.3	29.5	34.3	19.8	19.8	24.5	19.8	19.8		
25.0	23.5		23.5		22.4		22.4	25.6	22.4	19.8	19.8	22.3	19.8	19.8		
30.0	15.7		15.7		15.0		15.0	18.8	15.0	19.3	18.4	16.4	18.4	17.7		
35.0	11.3		11.3		10.2		10.2	13.3	10.2	14.6	13.6	11.3	13.6	12.7		
40.0	7.5		7.5		6.9		6.9	10.3	6.9	11.0	9.0	8.3	9.9	9.1		
45.0			6.4		4.5		4.5	7.8	4.5	8.5	7.4	5.7	7.4	6.6		
50.0			3.5					5.4	2.9	6.5	5.6	3.6	5.6	4.8		
55.0								3.9		4.9	4.0		4.0	3.3		
60.0										3.7	2.6		2.6			
65.0										2.7	2.3					
SLI Code	112															
Max. permitted wind speed	8								6							

- * The above lifting capacity values are monitored automatically by the SLI.
- * The boom should be extended to take required length before the load is lifted. The particular telescope section can also be extended under load.

The telescopic load depends, however, on the angle of the boom and on how well the sliding wear pads between the telescope sections are lubricated.

	Crane with 29 500 lbs (13,4 t) Counterweight (free-on-wheels)	
	Main boom - fixed lengths in ft	
	38.0	67.0
Slewing-range	0° to the rear	
Tel. sec. I	0.0	0.0
Tel. sec. II	0.0	1.0
Tel. sec. III	0.0	0.0
Radius	Lifting capacity in 1000 lbs	
10.0	38.3	29.1
15.0	28.3	22.2
20.0	21.4	
25.0	16.6	17.5
30.0		13.9
35.0		11.2
40.0		8.9
45.0		7.1
50.0		5.6
SLI Code	315	
Max. permitted wind speed	8	

Working with the crane free-on-wheels

- * Telescope sections retracted or telescope section II fully extended
- * Axle suspension blocked
- * When the crane is operated free-on-wheels the outrigger cylinder must be extended until they are just above the ground.
- * In the position 0° to the rear, the turntable must be locked.
- * Slewing gear brake engaged
- * Minimum tyre pressure: 10,0 bar with 14.00 R25 tyres
9,0 bar with 16.00 R25 tyres

For driving with loads the following conditions must also be met:

- * Boom turned to the rear
- * Lifting capacity table 0° to the rear.
- * Load lashed securely
- * Front axle switched to oscillation
- * Driving speed: walking pace

	Crane with 19 900 lbs (9,0 t) Counterweight (free-on-wheels)	
	Main boom - fixed lengths in ft	
	38.0	67.0
Slewing- range	0° to the rear	
Tel. sec. I	0.0	0.0
Tel. sec. II	0.0	1.0
Tel. sec. III	0.0	0.0
Radius	Lifting capacity in 1000 lbs	
10.0	38.4	29.1
15.0	28.3	22.3
20.0	21.4	
25.0	16.7	17.5
30.0		13.9
35.0		11.2
40.0		8.6
45.0		6.7
50.0		5.2
SLI Code	215	
Max. permitted wind speed	8	

Working with the crane free-on-wheels

- Telescope sections retracted or telescope section II fully extended
- Axle suspension blocked
- When the crane is operated free-on-wheels the outrigger cylinder must be extended until they are just above the ground.
- In the position 0° to the rear, the turntable must be locked.
- Slewing gear brake engaged
- Minimum tyre pressure: 10,0 bar with 14.00 R25 tyres
9,0 bar with 16.00 R25 tyres

For driving with loads the following conditions must also be met:

- Boom turned to the rear
- Lifting capacity table 0° to the rear.
- Load lashed securely
- Front axle switched to oscillation
- Driving speed: walking pace

2 104 216

2 104 218

	Crane with 15 000 lbs (6,8 t) Counterweight (free-on-wheels)	
	Main boom - fixed lengths in ft	
	38.0	67.0
Slewing-range	0° to the rear	
Tel. sec. I	0.0	0.0
Tel. sec. II	0.0	1.0
Tel. sec. III	0.0	0.0
Radius	Lifting capacity in 1000 lbs	
10.0	38.4	20.1
15.0	28.3	22.3
20.0	21.4	
25.0	16.7	17.5
30.0		13.1
35.0		9.9
40.0		7.5
45.0		5.7
50.0		4.3
SLI Code	115	
Max. permitted wind speed	8	

Working with the crane free-on-wheels

- * Telescope sections retracted or telescope section II fully extended
- * Axle suspension blocked
- * When the crane is operated free-on-wheels the outrigger cylinder must be extended until they are just above the ground.
- * In the position 0° to the rear, the turntable must be locked.
- * Slewing gear brake engaged
- * Minimum tyre pressure: 10,0 bar with 14.00 R25 tyres
9,0 bar with 16.00 R25 tyres

For driving with loads the following conditions must also be met:

- * Boom turned to the rear
- * Lifting capacity table 0° to the rear.
- * Load lashed securely
- * Front axle switched to oscillation
- * Driving speed: walking pace

2.2 Swing-away lattice extension

2 297 832

2 297 862

	Crane with 29 500 lbs (13.4 t) Counterweight (Outrigger base 27.4 x 23.6 ft)			
	Angle of swing-away lattice extension 0°			
	Swing-away lattice extension length in ft			
	32.0		52.0	
	Main boom - fixed lengths in ft			
	110.5	124.9	110.5	124.9
Swing-range	360°			
Tel. sec. I	1.0	1.0	1.0	1.0
Tel. sec. II	1.0	1.0	1.0	1.0
Tel. sec. III	0.5	1.0	0.5	1.0
Radius	Lifting capacity in 1000 lbs			
30.0	17.4	11.2	8.4	
35.0	16.4	11.2	8.4	6.0
40.0	15.4	11.2	8.4	6.0
45.0	14.4	11.2	8.4	6.0
50.0	13.6	11.0	8.0	6.0
55.0	12.6	10.2	7.8	6.0
60.0	11.8	9.6	7.4	6.0
65.0	11.0	9.0	7.2	5.8
70.0	10.2	8.4	6.8	5.6
75.0	9.6	7.8	6.6	5.2
80.0	9.0	7.4	6.4	4.8
85.0	8.4	7.0	6.2	4.6
90.0	7.8	6.6	6.0	4.4
95.0	7.0	6.2	5.8	4.2
100.0	6.0	6.0	5.8	4.0
105.0	5.2	5.6	5.6	4.0
110.0	4.4	4.8	5.2	3.8
115.0	3.6	4.2	4.4	3.8
120.0	3.0	3.4	3.8	3.6
125.0	2.4	2.8	3.2	3.4
130.0	2.0	2.4	2.6	3.0
135.0		1.8	2.2	2.4
140.0		1.4	1.8	2.0
145.0				1.6
150.0				1.2
SU Code	320		330	
Max. permitted wind speed	5			

2 297 833

2 297 863

	Crane with 29 500 lbs (13.4 t) Counterweight (Outrigger base 27.4 x 23.6 ft)			
	Angle of swing-away lattice extension 16°			
	Swing-away lattice extension length in ft			
	32.0		52.0	
	Main boom - fixed lengths in ft			
	110.5	124.0	110.5	124.9
Slewing- range	360°			
Tel. sec. I	1.0	1.0	1.0	1.0
Tel. sec. II	1.0	1.0	1.0	1.0
Tel. sec. III	0.5	1.0	0.5	1.0
Radius	Lifting capacity in 1000 lbs			
30.0	12.2			
35.0	12.2	8.8	8.4	
40.0	12.0	8.8	8.4	6.0
45.0	11.4	8.8	8.4	6.0
50.0	11.0	8.4	7.8	6.0
55.0	10.4	8.0	7.4	5.8
60.0	10.2	7.6	7.0	5.6
65.0	9.8	7.4	6.6	5.4
70.0	9.4	7.0	6.2	5.2
75.0	8.8	6.6	5.8	5.0
80.0	8.4	6.4	5.4	4.8
85.0	7.8	6.0	5.2	4.6
90.0	7.2	5.8	5.0	4.4
95.0	6.6	5.6	4.8	4.0
100.0	6.0	5.4	4.8	3.8
105.0	5.4	5.0	4.8	3.6
110.0	4.8	4.8	4.6	3.4
115.0	4.0	4.4	4.6	3.2
120.0	3.2	3.8	4.4	3.2
125.0	2.6	3.2	3.8	3.0
130.0	2.0	2.6	3.2	3.0
135.0		2.0	2.6	2.8
140.0		1.6	2.0	2.4
145.0				1.8
150.0				1.4
SLI Code	321		331	
Max. permitted wind speed	5			

2 297 834

2 297 864

	Crane with 29 500 lbs (13.4 t) Counterweight (Outrigger base 27.4 x 23.6 ft)			
	Angle of swing-away lattice extension 30°			
	Swing-away lattice extension length in ft			
	32.0		52.0	
	Main boom - fixed lengths in ft			
	110.5	124.9	110.5	124.9
Slewing range	360°			
Tel. sec. I	1.0	1.0	1.0	1.0
Tel. sec. II	1.0	1.0	1.0	1.0
Tel. sec. III	0.5	1.0	0.5	1.0
Radius	Lifting capacity in 1000 lbs			
35.0	8.8	6.6		
40.0	8.8	6.6		
45.0	8.8	6.6	5.0	
50.0	8.8	6.4	5.0	4.4
55.0	8.6	6.0	5.0	4.4
60.0	8.2	5.8	4.6	4.4
65.0	7.8	5.6	4.6	4.2
70.0	7.4	5.4	4.4	4.0
75.0	7.2	5.2	4.2	4.0
80.0	6.8	5.2	4.0	3.8
85.0	6.6	5.0	3.8	3.8
90.0	6.4	5.0	3.6	3.6
95.0	6.2	4.8	3.6	3.6
100.0	6.0	4.8	3.4	3.6
105.0	5.8	4.6	3.2	3.4
110.0	4.8	4.6	3.0	3.4
115.0	4.0	4.6	2.8	3.4
120.0	3.4	4.0	2.8	3.2
125.0	2.6	3.2	2.6	3.2
130.0	2.0	2.6	2.4	3.2
135.0		2.0	2.4	3.0
140.0		1.4	2.2	2.6
145.0				2.0
150.0				1.6
SLI Code	322		332	
Max. permitted wind speed	5			

2 297 842

2 297 872

	Crane with 19 900 lbs (9.0 t) Counterweight (Outrigger base 27.4 x 23.6 ft)			
	Angle of swing-away lattice extension 0°			
	Swing-away lattice extension length in ft			
	32.0		52.0	
	Main boom - fixed lengths in ft			
	110.5	124.9	110.5	124.9
Slewing-range	360°			
Tel. sec. I	1.0	1.0	1.0	1.0
Tel. sec. II	1.0	1.0	1.0	1.0
Tel. sec. III	0.5	1.0	0.5	1.0
Radius	Lifting capacity in 1000 lbs			
30.0	17.4	11.2	8.4	
35.0	16.4	11.2	8.4	6.0
40.0	15.4	11.2	8.4	6.0
45.0	14.4	11.2	8.4	6.0
50.0	13.6	11.0	8.0	6.0
55.0	12.6	10.2	7.8	6.0
60.0	11.8	9.6	7.4	6.0
65.0	11.0	9.0	7.2	5.8
70.0	10.2	8.4	6.8	5.6
75.0	9.6	7.8	6.6	5.2
80.0	8.2	7.4	6.4	4.8
85.0	7.0	7.0	6.2	4.6
90.0	5.8	6.2	6.0	4.4
95.0	4.8	5.4	5.6	4.2
100.0	4.0	4.4	4.8	4.0
105.0	3.2	3.8	4.0	4.0
110.0	2.6	3.0	3.4	3.6
115.0	2.0	2.4	2.8	3.0
120.0	1.4	1.8	2.2	2.4
125.0		1.4	1.6	1.8
130.0			1.2	1.4
135.0				
140.0				
SLI Code	220		230	
Max. permitted wind speed	5			

2 297 843

2 297 873

	Crane with 19 900 lbs (9,0 t) Counterweight (Outrigger base 27.4 x 23.6 ft)			
	Angle of swing-away lattice extension 16°			
	Swing-away lattice extension length in ft			
	32.0		52.0	
	Main boom - fixed lengths in ft			
	110.5	124.9	110.5	124.9
Slewing-range	360°			
Tel. sec. I	1.0	1.0	1.0	1.0
Tel. sec. II	1.0	1.0	1.0	1.0
Tel. sec. III	0.5	1.0	0.5	1.0
Radius	Lifting capacity in 1000 lbs			
30.0	12.2			
35.0	12.2	8.8	8.4	
40.0	12.0	8.8	8.4	6.0
45.0	11.4	8.8	8.4	6.0
50.0	11.0	8.4	7.8	6.0
55.0	10.4	8.0	7.4	5.8
60.0	10.2	7.6	7.0	5.6
65.0	9.8	7.4	6.6	5.4
70.0	9.4	7.0	6.2	5.2
75.0	8.8	6.6	5.8	5.0
80.0	8.4	6.4	5.4	4.8
85.0	7.8	6.0	5.2	4.6
90.0	6.4	5.8	5.0	4.4
95.0	5.4	5.6	4.8	4.0
100.0	4.4	5.0	4.8	3.8
105.0	3.6	4.2	4.8	3.6
110.0	3.0	3.4	4.0	3.4
115.0	2.2	2.8	3.4	3.2
120.0	1.6	2.2	2.8	3.0
125.0		1.6	2.2	2.4
130.0			1.6	2.0
135.0			1.2	1.4
140.0				
145.0				
SLI Code	221		231	
Max. permitted wind speed	5			

2 297 844

2 297 874

	Crane with 19 900 lbs (9,0 t) Counterweight (Outrigger base 27.4 x 23.6 ft)			
	Angle of swing-away lattice extension 30°			
	Swing-away lattice extension length in ft			
	32.0		52.0	
	Main boom - fixed lengths in ft			
	110.5	124.9	110.5	124.9
Slewing-range	360°			
Tel. sec. I	1.0	1.0	1.0	1.0
Tel. sec. II	1.0	1.0	1.0	1.0
Tel. sec. III	0.5	1.0	0.5	1.0
Radius	Lifting capacity in 1000 lbs			
35.0	8.8	6.6		
40.0	8.8	6.6		
45.0	8.8	6.6	5.0	
50.0	8.8	6.4	5.0	4.4
55.0	8.6	6.0	5.0	4.4
60.0	8.2	5.8	4.8	4.4
65.0	7.8	5.6	4.6	4.2
70.0	7.4	5.4	4.4	4.0
75.0	7.2	5.2	4.2	4.0
80.0	6.8	5.2	4.0	3.8
85.0	6.6	5.0	3.8	3.8
90.0	6.4	5.0	3.6	3.6
95.0	5.6	4.8	3.6	3.6
100.0	4.8	4.8	3.4	3.6
105.0	3.8	4.4	3.2	3.4
110.0	3.0	3.6	3.0	3.4
115.0	2.4	3.0	2.8	3.4
120.0	1.6	2.2	2.8	3.2
125.0		1.6	2.4	2.8
130.0		1.2	1.8	2.2
135.0			1.2	1.6
140.0				1.2
145.0				
SLI Code	222		232	
Max. permitted wind speed	5			

2 297 852

2 297 882

	Crane with 15 000 lbs (6,8 t) Counterweight (Outrigger base 27.4 x 23.6 ft)			
	Angle of swing-away lattice extension 0°			
	Swing-away lattice extension length in ft			
	32.0		52.0	
	Main boom - fixed lengths in ft			
	110.5	124.0	110.5	124.9
Slewing-range	360°			
Tel. sec. I	1.0	1.0	1.0	1.0
Tel. sec. II	1.0	1.0	1.0	1.0
Tel. sec. III	0.5	1.0	0.5	1.0
Radius	Lifting capacity in 1000 lbs			
30.0	17.4	11.2	8.4	
35.0	16.4	11.2	8.4	6.0
40.0	15.4	11.2	8.4	6.0
45.0	14.4	11.2	8.4	6.0
50.0	13.8	11.0	8.0	6.0
55.0	12.8	10.2	7.8	6.0
60.0	11.8	9.6	7.4	6.0
65.0	11.0	9.0	7.2	5.8
70.0	9.8	8.4	6.8	5.6
75.0	8.2	7.8	6.6	5.2
80.0	7.0	7.4	6.4	4.8
85.0	5.8	6.2	6.2	4.6
90.0	4.8	5.2	5.6	4.4
95.0	3.8	4.2	4.6	4.2
100.0	3.0	3.4	3.8	4.0
105.0	2.4	2.8	3.0	3.4
110.0	1.8	2.2	2.4	2.8
115.0	1.2	1.6	1.8	2.2
120.0			1.4	1.6
125.0				1.2
130.0				
SLI Code	120		130	
Max. permitted wind speed	5			

2 297 853

2 297 883

	Crane with 15 000 lbs (6,8 t) Counterweight (Outrigger base 27.4 x 23.6 ft)			
	Angle of swing-away lattice extension 15°			
	Swing-away lattice extension length in ft			
	32.0		52.0	
	Main boom - fixed lengths in ft			
	110.5	124.9	110.5	124.9
Slewing-range	360°			
Tel. sec. I	1.0	1.0	1.0	1.0
Tel. sec. II	1.0	1.0	1.0	1.0
Tel. sec. III	0.5	1.0	0.5	1.0
Radius	Lifting capacity in 1000 lbs			
30.0	12.2			
35.0	12.2	8.8	8.4	
40.0	12.0	8.8	8.4	6.0
45.0	11.4	8.8	8.4	6.0
50.0	11.0	8.4	7.8	6.0
55.0	10.4	8.0	7.4	5.8
60.0	10.2	7.6	7.0	5.6
65.0	9.8	7.4	6.6	5.4
70.0	9.4	7.0	6.2	5.2
75.0	8.8	6.6	5.8	5.0
80.0	7.6	6.4	5.4	4.8
85.0	6.4	6.0	5.2	4.6
90.0	5.2	5.8	5.0	4.4
95.0	4.4	4.8	4.8	4.0
100.0	3.4	4.0	4.6	3.8
105.0	2.6	3.2	3.8	3.6
110.0	2.0	2.4	3.2	3.4
115.0	1.4	1.8	2.4	2.8
120.0		1.4	2.0	2.2
125.0			1.4	1.6
130.0				1.2
135.0				
SLI Code	121		131	
Max. permitted wind speed	5			

2 297 854

2 297 884

	Crane with 15 000 lbs (6,8 t) Counterweight (Outrigger base 27.4 x 23.6 ft)			
	Angle of swing-away lattice extension 30°			
	Swing-away lattice extension length in ft			
	32.0		52.0	
	Main boom - fixed lengths in ft			
	110.5	124.0	110.5	124.9
Slewing-range	360°			
Tel. sec. I	1.0	1.0	1.0	1.0
Tel. sec. II	1.0	1.0	1.0	1.0
Tel. sec. III	0.5	1.0	0.5	1.0
Radius	Lifting capacity in 1000 lbs			
35.0	8.8	6.8		
40.0	8.8	6.6		
45.0	8.8	6.6	5.0	
50.0	8.8	6.4	5.0	4.4
55.0	8.6	6.0	5.0	4.4
60.0	8.2	5.8	4.8	4.4
65.0	7.8	5.6	4.6	4.2
70.0	7.4	5.4	4.4	4.0
75.0	7.2	5.2	4.2	4.0
80.0	6.8	5.2	4.0	3.8
85.0	6.6	5.0	3.8	3.8
90.0	5.6	5.0	3.6	3.8
95.0	4.6	4.8	3.6	3.6
100.0	3.8	4.2	3.4	3.6
105.0	3.0	3.4	3.2	3.4
110.0	2.2	2.8	3.0	3.4
115.0	1.6	2.0	2.8	3.2
120.0		1.4	2.2	2.6
125.0			1.6	2.0
130.0				1.4
135.0				
140.0				
SLI Code	122		132	
Max. permitted wind speed	5			

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