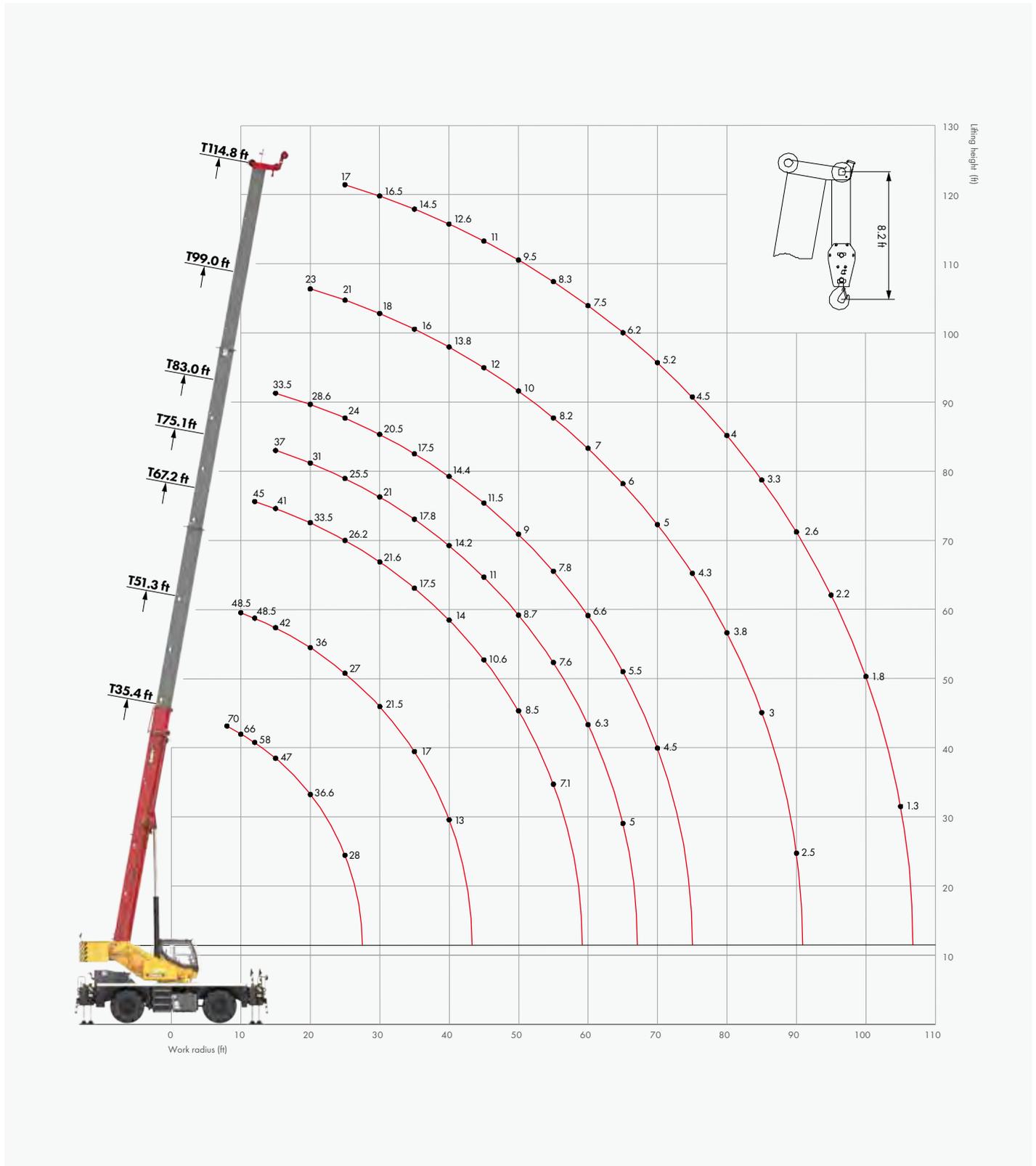


WORKING RANGE DIAGRAM – Main Boom

Lifting capacities in klb



LOAD CHARTS – Main Boom, On 100% Outriggers, 360°



Unit: lbs

	35.4' (10.8 m)	51.3' (15.6 m)	67.2' (20.5 m)	75.1' (22.9 m)	83.0' (25.3 m)	99.0' (30.2 m)	114.8' (35.0 m)	
8	70,000							8
10	66,000	48,500						10
12	58,000	48,500	45,000					12
15	47,000	42,000	41,000	37,000	33,500			15
20	36,600	36,000	33,500	31,000	28,600	23,000		20
25	28,000	27,000	26,200	25,500	24,000	21,000	17,000	25
30		21,500	21,600	21,000	20,500	18,000	16,500	30
35		17,000	17,500	17,800	17,500	16,000	14,500	35
40		13,000	14,000	14,200	14,400	13,800	12,600	40
45			10,600	11,000	11,500	12,000	11,000	45
50			8,500	8,700	9,000	10,000	9,500	50
55			7,100	7,600	7,800	8,200	8,300	55
60				6,300	6,600	7,000	7,500	60
65				5,000	5,500	6,000	6,200	65
70					4,500	5,000	5,200	70
75						4,300	4,500	75
80						3,800	4,000	80
85						3,000	3,300	85
90						2,500	2,600	90
95							2,200	95
100							1,800	100
105							1,300	105
	0	20	40	50	60	80	100	
	8	6	6	6	4	4	4	
	0	0	0	0	0	0	0	
	22,000	10,000	5,500	3,500	2,500	1,500	1,000	

LOAD CHARTS – Main Boom, On 50% Outriggers, 360°



Unit: lbs

 ft	35.4' (10.8 m)	51.3' (15.6 m)	67.2' (20.5 m)	75.1' (22.9 m)	83.0' (25.3 m)	99.0' (30.2 m)	114.8' (35.0 m)	 ft
8	70,000							8
10	60,000	45,000						10
12	56,500	45,000	43,000					12
15	46,500	40,000	38,000	32,000	30,000			15
20	28,000	28,000	28,000	27,500	26,500	21,000		20
25	17,500	18,500	18,000	20,000	19,500	17,500	15,200	25
30		13,000	13,000	14,000	14,000	14,000	13,200	30
35		10,000	10,500	11,000	11,500	12,000	11,000	35
40		7,000	8,000	8,000	8,500	8,500	8,800	40
45			6,000	6,500	6,700	6,800	7,000	45
50			5,000	5,000	5,500	5,800	6,000	50
55			3,800	4,000	4,300	4,500	4,500	55
60				3,300	3,500	3,500	3,800	60
65				2,200	2,400	2,600	2,900	65
70					2,000	2,200	2,500	70
75						1,500	2,000	75
80							1,400	80
	0	20	40	50	60	80	100	
	8	6	6	4	4	4	4	
	0	0	0	0	0	32	40	
	10,000	4,500	2,500	1,500	1,100	1,000	1,000	

LOAD CHARTS – Main Boom, On 0% Outriggers, 360°



Unit: lbs

 ft	35.4' (10.8 m)	51.3' (15.6 m)	67.2' (20.5 m)	75.1' (22.9 m)	83.0' (25.3 m)	99.0' (30.2 m)	114.8' (35.0 m)	 ft
8	45,000							8
10	35,000	35,000						10
12	30,000	31,000	28,000					12
15	20,000	21,000	22,000	22,000	22,000			15
20	10,000	13,000	13,300	13,500	14,000	14,000		20
25	6,500	8,100	8,300	8,500	8,800	9,000	9,200	25
30		5,200	5,500	5,800	6,100	6,400	6,600	30
35		3,500	3,800	4,200	4,500	4,800	5,000	35
40		2,200	2,500	2,700	3,000	3,200	3,400	40
45			1,800	2,000	2,000	2,200	2,300	45
50				1,300	1,500	1,500	1,600	50
 %	0	20	40	50	60	80	100	 %
 n	6	4	4	4	4	4	4	 n
 Min ↑ ↓ Min	0	0	38	40	45	53	60	 Min ↑ ↓ Min
 Min ↑ ↓ Min	4,000	1,200	1,200	1,200	1,200	1,200	1,200	 Min ↑ ↓ Min

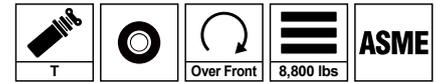
Remark

1. Load capacity in the chart is the maximum weight which this crane could hoist include the hook block's weight.
2. Radius shown in the chart is the actual radius when loading.
3. The load capacity in the chart is the maximum weight when this crane is supported with the firm ground and stays in level.
4. Choose rated load capacity of the longer boom and radius when the actual boom length and radius are between two values in the charts.
5. The machine can be used only when the wind scale is less than 6.

Operator must refer to in-cab load chart manual for crane operation.

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.

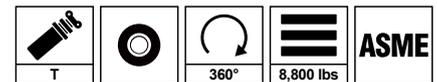
LOAD CHARTS – Main Boom, Stationary, On Tires, Over Front Tires



Unit: lbs

 ft	35.4' (10.8 m)	51.3' (15.6 m)	67.2' (20.5 m)	75.1' (22.9 m)	 ft
10	34,000	30,800			10
12	30,000	28,500	25,000		12
15	25,000	22,500	20,000	22,000	15
20	17,000	16,500	16,000	16,000	20
25	11,000	11,500	12,000	13,000	25
30		8,500	8,500	8,800	30
35		6,000	6,500	6,000	35
40		4,000	4,500	4,000	40
45			3,400	3,500	45
50			2,500	2,800	50
55			1,800	2,000	55
60				1,500	60
	0	20	40	50	
	4	4	4	4	
	0	0	0	25	
	5,000	2,000	1,500	1,000	

LOAD CHARTS – Main Boom, Stationary, On Tires, 360°



Unit: lbs

 ft	35.4' (10.8 m)	51.3' (15.6 m)	67.2' (20.5 m)	75.1' (22.9 m)	 ft
10	23,000				10
12	18,000	18,000			12
15	13,000	13,500	15,000	15,000	15
20	8,000	8,500	10,000	12,000	20
25	4,200	6,000	7,000	8,000	25
30		3,500	4,800	5,500	30
35		2,200	3,200	3,500	35
40			2,000	2,500	40
	0	20	40	50	
	4	4	4	4	
	0	35	45	50	
	2,000	1,500	1,500	1,500	

LOAD CHARTS – Main Boom, Pick & Carry, On Tires, Over Front Tires

Unit: lbs



 ft	35.4' (10.8 m)	51.3' (15.6 m)	67.2' (20.5 m)	75.1' (22.9 m)	 ft
10	23,000	21,000			10
12	20,000	19,000	18,000		12
15	15,000	16,000	16,500	17,000	15
20	11,000	12,000	13,000	13,500	20
25	8,000	8,200	8,500	9,000	25
30		5,500	6,500	7,000	30
35		4,000	4,500	5,000	35
40		2,500	3,400	4,000	40
45			2,500	3,000	45
50			1,800	2,000	50
55			1,200	1,500	55
	0	20	40	50	
	4	4	4	4	
	0	0	22	30	
	4,000	1,500	1,000	1,000	

Remark

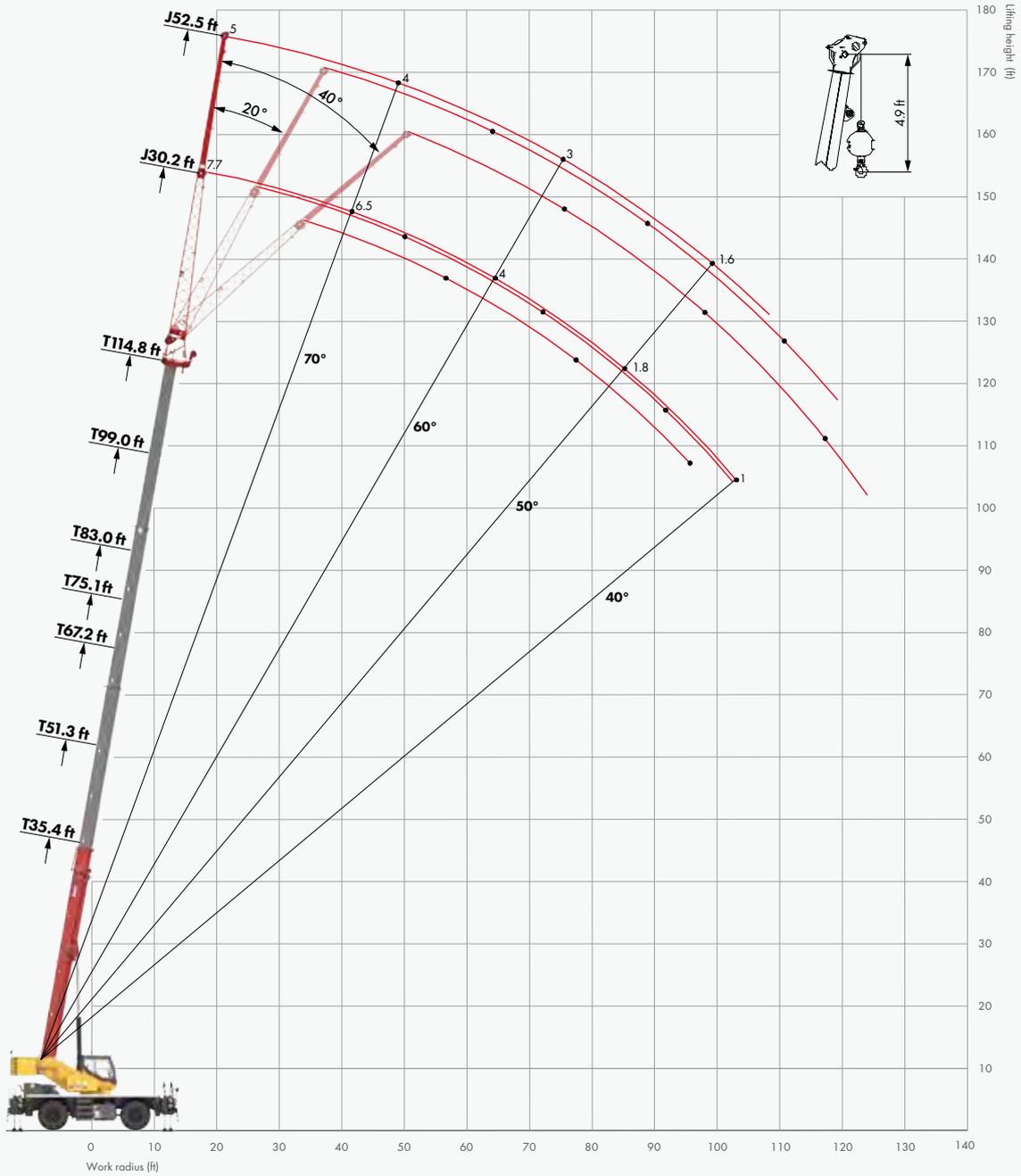
1. Capacities are applicable at 80 psi (560 kPa) cold tire inflation pressure.
2. Capacities are applicable only with machine on firm level surface.
3. On tire lifting with the jib mounted is not permitted.
4. Axle lockouts must be applied when lifting on tires.
5. Parking brake must be applied when lifting on tires stationary.
6. Driving speed shall be less than 2.49 mph (4km/h) at pick & carry mode.

Operator must refer to in-cab load chart manual for crane operation.

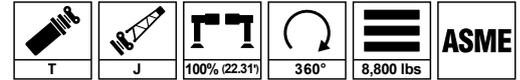
In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.

WORK RANGE DIAGRAM – Fly Jib

Lifting capacities in klb



LOAD CHARTS – Fly Jib



Unit: lbs

ft 114.8'	114.8' (35 m) boom + 30.2' (9.2 m) jib						114.8' (35 m) boom + 52.5' (16 m) jib						ft 114.8'
	0°		20°		40°		0°		20°		40°		
	ft	lbs	ft	lbs	ft	lbs	ft	lbs	ft	lbs	ft	lbs	
80	17.7	7,700	27.6	5,500	35.6	4,000	21.5	5,000	38.6	3,500	52.4	2,200	80
78	22.7	7,500	32.4	5,000	40.2	3,600	27.3	4,900	44.1	3,000	57.5	2,200	78
76	27.6	7,300	37.2	4,800	44.8	3,500	32.9	4,800	49.5	3,000	62.5	2,100	76
74	32.5	7,000	41.9	4,500	49.2	3,400	38.6	4,400	54.8	2,700	67.4	2,100	74
72	37.4	6,800	46.6	4,200	53.6	3,300	44.1	4,200	60.1	2,600	72.3	2,000	72
70	42.1	6,500	51.2	4,000	58.0	3,200	49.7	4,000	65.3	2,500	77.0	1,950	70
68	46.9	6,000	55.8	3,800	62.2	3,100	55.1	3,800	70.5	2,400	81.6	1,900	68
66	51.5	5,500	60.2	3,600	66.4	3,000	60.5	3,600	75.5	2,300	86.1	1,850	66
64	56.1	5,000	64.6	3,400	70.5	2,900	65.7	3,400	80.4	2,200	90.5	1,800	64
62	60.6	4,500	68.9	3,000	74.4	2,800	70.9	3,200	85.2	2,200	94.8	1,750	62
60	65.1	4,000	73.1	2,700	78.3	2,700	76.0	3,000	89.9	2,100	99.0	1,700	60
58	69.4	3,200	77.2	2,500	82.1	2,600	81.0	2,800	94.5	2,000	103.0	1,650	58
56	73.6	2,500	81.2	2,200	85.8	2,500	85.9	2,400	98.9	1,800	106.9	1,600	56
54	77.8	2,200	85.1	2,000	89.3	2,200	90.7	2,100	103.3	1,700	110.6	1,550	54
52	81.8	2,000	88.8	1,800	92.8	2,000	95.3	1,900	107.5	1,500	114.2	1,300	52
50	85.8	1,800	92.5	1,600	96.1	1,800	99.9	1,600	111.5	1,400	117.7	1,200	50
48	89.6	1,700	96.0	1,400	99.3	1,500	104.3	1,500	115.4	1,200	121.0	1,100	48
46	93.3	1,500	99.4	1,300	102.3	1,200	108.5	1,400	119.2	1,100	124.2	1,000	46
44	96.9	1,300	102.7	1,200			112.7	1,200					44
42	100.3	1,100	105.9	1,000			116.6	1,100					42
40	103.6	1,000	108.9	900			120.5	1,000					40
	39	39	39	39	45	45	39	39	45	45	45	45	

Remark

1. The capacities listed are with the outriggers fully extended and vertical jacks properly set only.
2. The fly jib may only be used for single line lifting service.
3. Use only the load which corresponds to the boom extension length and offset angle as the machine is configured.
4. For boom angles not shown, use the rating of the next lower boom angle.
5. The boom angle is defined as the angle above or below the horizontal line of the longitudinal axis of the boom base section after lifting the rated load.
6. When lifting over the main boom nose with the fly jib erected, the outriggers must be fully extended and the proper load reduction must be used.
7. Do not lower the boom below the minimum boom angle with the jib erected. Fully retract the boom to lower the boom below the minimum boom angle.

Operator must refer to in-cab load chart manual for crane operation.

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.