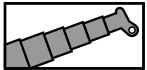




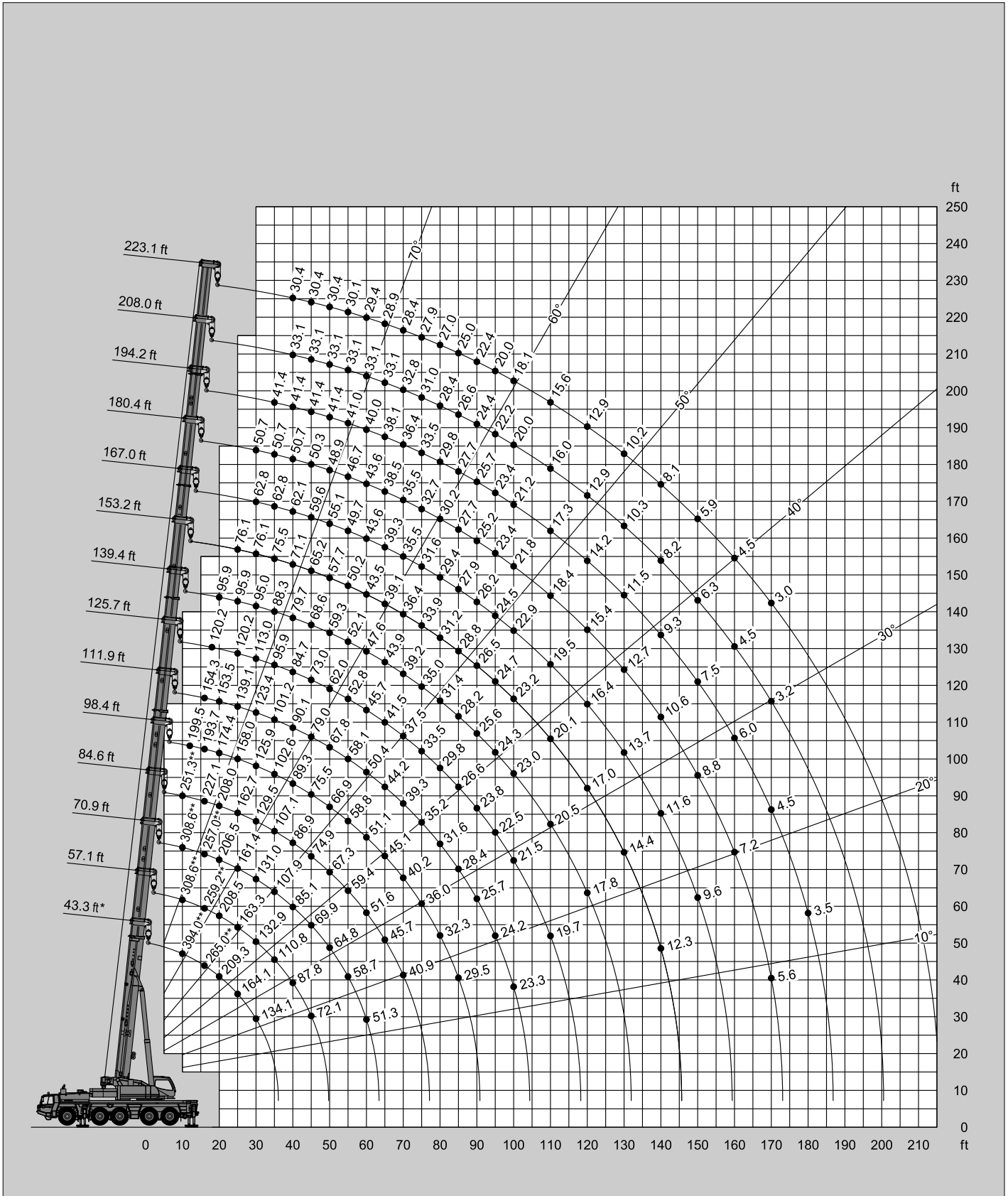
LIFTING CHARTS - All Terrain Cranes

TADANO MODEL ATF220G-5 - 250 TON CAPACITY



77,161 lbs

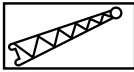
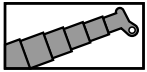
SAE



* Over rear / * Sobre la parte trasera

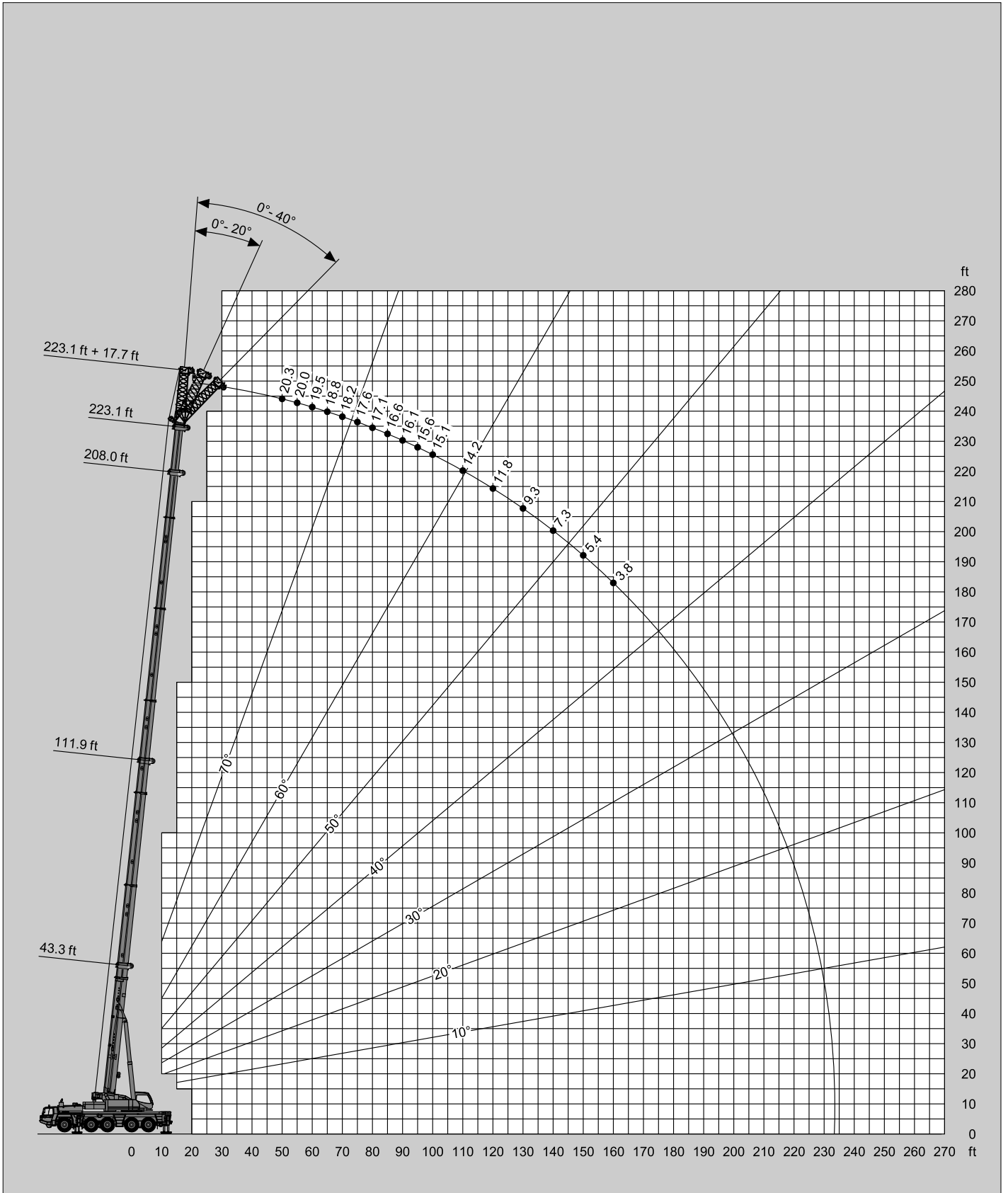
** With additional lifting equipments / ** Con equipos adicionales

STERLING CRANE

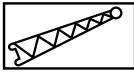
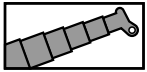


77,161 lbs

SAE

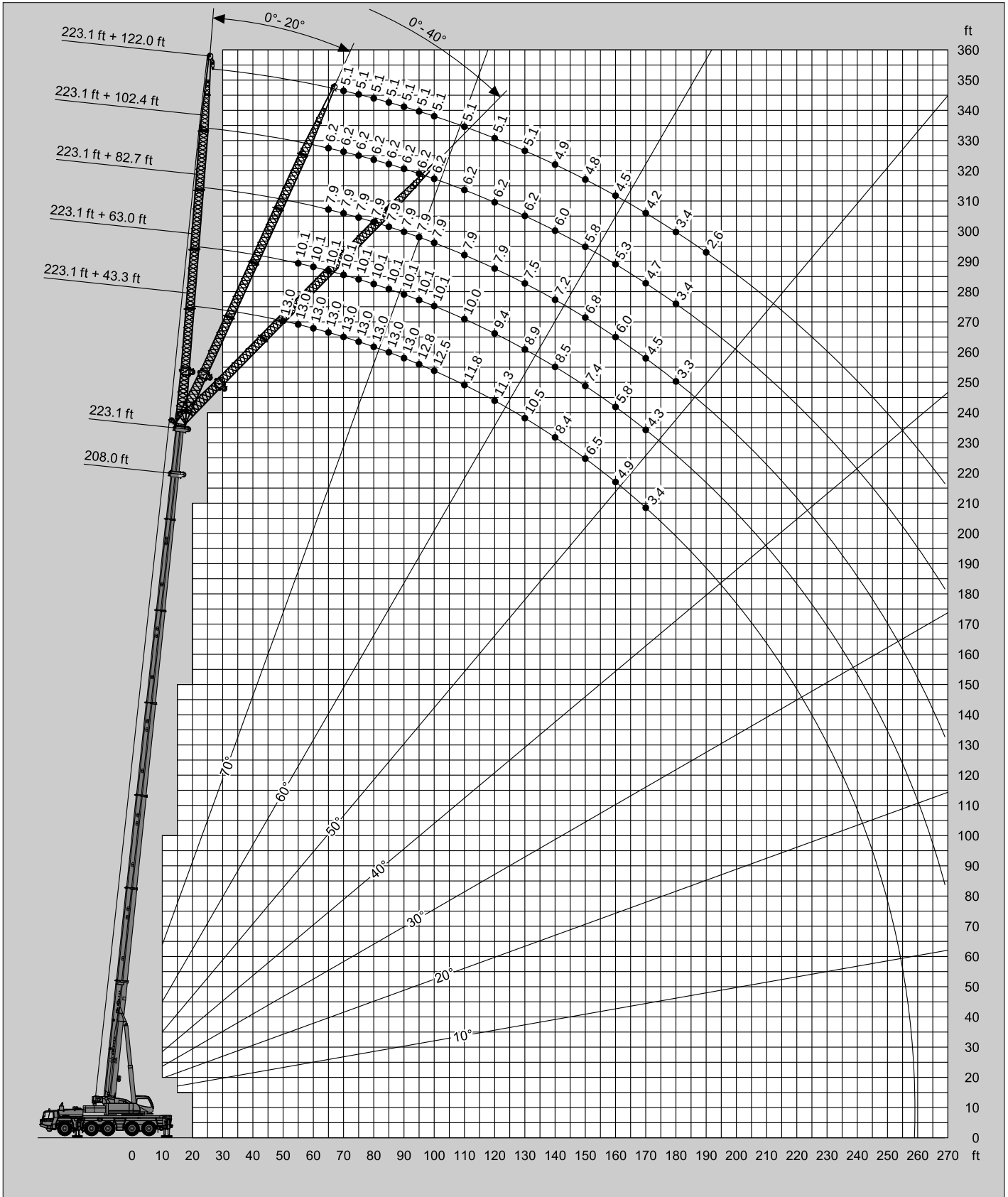


STERLING CRANE

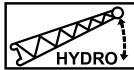
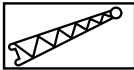
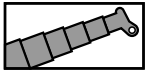


77,161 lbs

SAE

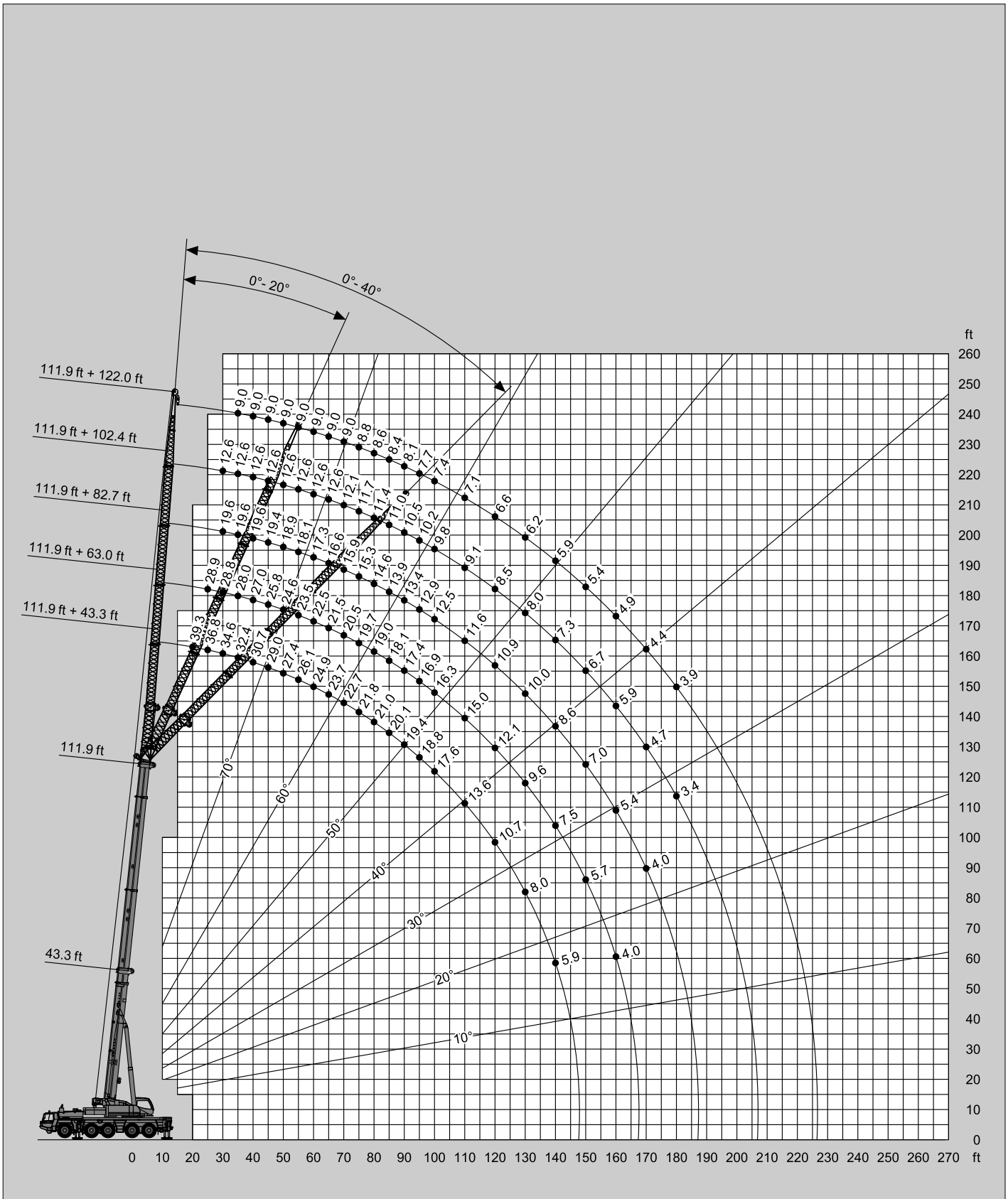


STERLING CRANE



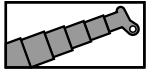
77,161 lbs

SAE



STERLING CRANE

Lifting capacities / Capacidades de elevación



77,161 lbs

SAE

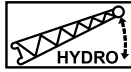
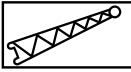
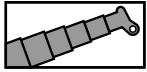
 ft	43.3 ft*	43.3 ft	57.1 ft	70.9 ft	84.6 ft	98.4 ft	111.9 ft	125.7 ft	139.4 ft	153.2 ft	167.0 ft	180.4 ft	194.2 ft	208.0 ft	223.1 ft
8															
9															
10	394.0**	370.1**	308.6**	308.6**	251.3**										
12	352.8**	326.1**	307.3**	306.6**	247.5**	199.5									
14	303.0**	290.1**	289.5**	287.3**	233.3	199.5									
16	265.0**	260.3**	259.2**	257.0**	227.1	193.7	154.3								
18	235.8	234.2	233.2	231.1	219.4	184.1	154.3	120.2							
20	209.3	209.3	208.5	206.5	208.0	174.4	153.5	120.2	95.9						
25	164.1	164.1	163.3	161.4	162.7	158.0	139.1	120.2	95.9	76.1					
30	134.1	134.1	132.9	131.0	129.5	125.9	123.4	113.0	95.0	76.1	62.8	50.7			
35			110.8	107.9	107.1	102.6	101.2	95.9	88.3	75.5	62.8	50.7	41.4		
40			87.8	85.1	86.9	89.3	90.1	84.7	79.7	71.1	62.1	50.7	41.4	33.1	30.4
45			72.1	69.9	74.9	75.5	79.0	73.0	68.6	65.2	59.6	50.3	41.4	33.1	30.4
50				64.8	67.3	66.9	67.8	62.0	59.3	57.7	55.1	48.9	41.4	33.1	30.4
55				58.7	59.4	58.8	58.1	52.8	52.1	50.2	49.7	46.7	41.0	33.1	30.1
60				51.3	51.6	51.1	50.4	45.7	47.6	43.5	43.6	43.6	40.0	33.1	29.4
65					45.7	45.1	44.2	41.5	43.9	39.1	39.3	38.5	38.1	33.1	28.9
70					40.9	40.2	39.3	37.5	39.2	36.4	35.5	35.5	36.4	32.8	28.4
75						36.0	35.2	33.5	35.0	33.9	31.6	32.7	33.5	31.0	27.9
80						32.3	31.6	29.8	31.4	31.2	29.4	30.2	29.8	28.4	27.0
85						29.5	28.4	26.6	28.2	28.8	27.9	27.7	27.7	26.6	25.0
90							25.7	23.8	25.6	26.5	26.2	25.2	25.7	24.4	22.4
95							24.2	22.5	24.3	24.7	24.5	23.4	23.4	22.2	20.0
100							23.3	21.5	23.0	23.2	22.9	21.8	21.2	20.0	18.1
110								19.7	20.5	20.1	19.5	18.4	17.3	16.0	15.6
120									17.8	17.0	16.4	15.4	14.2	12.9	12.9
130										14.4	13.7	12.7	11.5	10.3	10.2
140										12.3	11.6	10.6	9.3	8.2	8.1
150											9.6	8.8	7.5	6.3	5.9
160												7.2	6.0	4.5	4.5
170												5.6	4.5	3.2	3.0
180													3.5		

* Over rear / * Sobre la parte trasera

** With additional lifting equipments / ** Con equipos adicionales

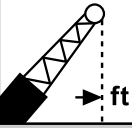
STERLING CRANE

Lifting capacities / Capacidades de elevación



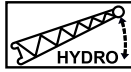
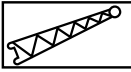
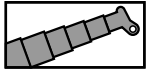
77,161 lbs

SAE

	43.3 ft + 17.7 ft			111.9 ft + 17.7 ft			208.0 ft + 17.7 ft			223.1 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	104.2											
12	97.5	66.3										
14	91.6	63.8										
16	86.4	61.3										
18	81.9	59.2	48.1									
20	77.7	57.3	47.0	85.3								
25	69.2	53.2	44.8	85.3								
30	62.3	49.8	43.1	85.2	60.8	47.3						
35	56.7	47.0	41.7	81.7	58.5	46.3						
40	51.6	44.0	40.2	74.9	56.2	45.3						
45	46.6	41.3		66.0	54.4	44.5						
50	42.1			56.3	52.6	43.6	23.2			20.3		
55				47.6	48.5	42.9	22.3	20.7	19.9	20.0	19.1	
60				40.3	42.1	41.5	21.4	19.9	19.3	19.5	18.4	17.7
65				34.5	36.2	37.1	20.6	19.3	18.6	18.8	17.7	17.1
70				29.8	31.4	32.2	19.9	18.6	18.1	18.2	17.2	16.5
75				25.8	27.1	28.4	19.2	18.0	17.5	17.6	16.7	16.0
80				22.4	23.4	25.5	18.6	17.5	16.8	17.1	16.2	15.6
85				19.4	20.3	22.4	17.9	17.0	16.3	16.6	15.7	15.2
90				16.8	18.3	19.7	17.4	16.7	16.0	16.1	15.3	14.9
95				14.8	16.4	17.2	16.9	16.2	15.7	15.6	14.9	14.6
100				13.2	14.4	14.6	16.4	15.8	15.3	15.1	14.4	14.2
110				10.2	10.5		14.5	14.9	14.7	14.2	13.8	13.6
120				7.1			11.6	12.3	12.9	11.8	12.5	12.6
130							8.9	9.6	9.9	9.3	10.0	10.3
140							6.7	7.3	7.7	7.3	7.8	8.0
150							4.9	5.4	5.8	5.4	5.8	6.0
160							3.4	3.8	3.9	3.8	3.9	4.2

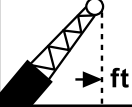
STERLING CRANE

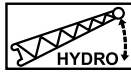
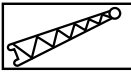
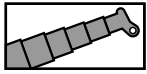
Lifting capacities / Capacidades de elevación



77,161 lbs

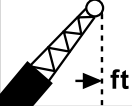
SAE

	223.1 ft + 43.3 ft			223.1 ft + 63.0 ft			223.1 ft + 82.7 ft			223.1 ft + 102.4 ft			223.1 ft + 122.0 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°		
50	13.0														
55	13.0			10.1											
60	13.0			10.1											
65	13.0	13.0		10.1			7.9			6.2					
70	13.0	13.0		10.1			7.9			6.2			5.1		
75	13.0	12.9		10.1			7.9			6.2			5.1		
80	13.0	12.7	11.8	10.1	10.1		7.9			6.2			5.1		
85	13.0	12.4	11.5	10.1	10.1		7.9			6.2			5.1		
90	13.0	12.0	11.1	10.1	9.8		7.9			6.2			5.1		
95	12.8	11.7	10.9	10.1	9.6		7.9	7.9		6.2			5.1		
100	12.5	11.4	10.7	10.1	9.4	8.5	7.9	7.8		6.2			5.1		
110	11.8	10.7	10.2	10.0	8.9	8.2	7.9	7.3		6.2	6.0		5.1		
120	11.3	10.2	9.8	9.4	8.5	7.9	7.9	7.0	6.6	6.2	5.7		5.1		
130	10.5	9.7	9.3	8.9	8.0	7.5	7.5	6.7	6.2	6.2	5.6		5.1		
140	8.4	9.3	9.0	8.5	7.6	7.2	7.2	6.3	5.9	6.0	5.2		4.9		
150	6.5	8.0	8.2	7.4	7.3	7.0	6.8	6.1	5.6	5.8	5.0	4.5	4.8		
160	4.9	6.2	7.1	5.8	6.8	6.7	6.0	5.9	5.5	5.3	4.8	4.4	4.5		
170	3.4	4.7	5.4	4.3	5.8	6.4	4.5	5.5	5.3	4.7	4.4	4.2	4.2		
180		3.4	3.9		4.5	5.3	3.3	4.9	5.1	3.4	4.3	4.1	3.4		
190					3.1	4.0		3.9	4.8		4.0	3.9	2.6		
200						2.7		2.7	4.0			3.7			
210								2.9	2.9			3.5			



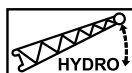
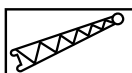
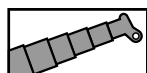
77,161 lbs

SAE

	208.0 ft + 43.3 ft			208.0 ft + 63.0 ft			208.0 ft + 82.7 ft			208.0 ft + 102.4 ft			208.0 ft + 122.0 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	
45	15.0														
50	15.0			11.5											
55	15.0			11.5			8.8								
60	15.0			11.5			8.8			7.1					
65	15.0	14.8		11.5			8.8			7.1			5.5		
70	15.0	14.3		11.5			8.8			7.1			5.5		
75	15.0	13.9		11.5	11.4		8.8			7.1			5.5		
80	14.9	13.6	12.5	11.5	11.2		8.8			7.1			5.5		
85	14.8	13.2	12.1	11.5	10.8		8.8	8.8		7.1			5.5		
90	14.3	12.9	12.0	11.5	10.5		8.8	8.7		7.1			5.5		
95	13.9	12.6	11.7	11.5	10.2		8.8	8.5		7.1			5.5		
100	13.5	12.2	11.4	11.4	9.9	9.2	8.8	8.3		7.1	6.6		5.5		
110	12.7	11.6	10.9	10.7	9.5	8.7	8.8	7.8	7.1	7.1	6.4		5.5	4.6	
120	12.1	11.0	10.5	10.1	9.0	8.3	8.5	7.4	6.8	7.1	6.1		5.4	4.6	
130	10.8	10.4	10.0	9.6	8.6	8.0	8.2	7.1	6.6	6.9	5.8	5.3	5.3	4.4	
140	8.7	9.6	9.6	8.6	8.3	7.6	7.7	6.8	6.3	6.4	5.4	5.1	5.1	4.3	
150	6.8	8.2	8.6	7.3	8.0	7.4	7.2	6.4	6.1	6.1	5.2	4.9	5.0	4.1	
160	5.2	6.4	7.1	5.8	7.3	7.2	6.5	6.1	5.9	5.7	5.0	4.6	4.8	3.9	
170	3.8	4.7	5.4	4.3	5.6	6.9	4.9	6.0	5.5	4.9	4.9	4.4	4.6	3.8	
180		3.4	3.9	2.8	4.4	5.3	3.6	5.2	5.4	3.7	4.5	4.3	3.7	3.6	
190					3.2	3.8		4.1	4.9	2.6	4.2	4.1	2.7	3.4	
200								2.9	4.0			3.9		3.2	
210								2.9	2.9			3.7		2.9	

STERLING CRANE

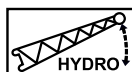
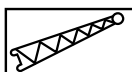
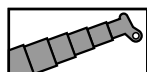
Lifting capacities / Capacidades de elevación



77,161 lbs

SAE

ft	111.9 ft + 43.3 ft			111.9 ft + 63.0 ft			111.9 ft + 82.7 ft			111.9 ft + 102.4 ft			111.9 ft + 122.0 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
20	39.3														
25	36.8			28.9											
30	34.6			28.8			19.6			12.6					
35	32.4			28.0			19.6			12.6			9.0		
40	30.7	22.4		27.0			19.6			12.6			9.0		
45	29.0	21.4		25.8			19.4			12.6			9.0		
50	27.4	20.5		24.6			18.9			12.6			9.0		
55	26.1	19.7	16.5	23.5	17.7		18.1			12.6			9.0		
60	24.9	19.1	16.0	22.5	17.1		17.3			12.6			9.0		
65	23.7	18.4	15.7	21.5	16.4	12.8	16.6	12.6		12.6			9.0		
70	22.7	17.9	15.4	20.5	15.9	12.5	15.9	12.1		12.1			9.0		
75	21.8	17.4	15.1	19.7	15.4	12.2	15.3	11.7		11.7			8.8		
80	21.0	16.9	14.9	19.0	14.9	11.8	14.6	11.4		11.4	9.0		8.6		
85	20.1	16.6	14.6	18.1	14.4	11.5	13.9	11.0		11.0	8.6		8.4		
90	19.4	16.1	14.4	17.4	13.9	11.1	13.4	10.7		10.5	8.3		8.1		
95	18.8	15.7	14.2	16.9	13.4	10.9	12.9	10.4	8.3	10.2	8.1		7.7		
100	17.6	15.3	14.1	16.3	12.8	10.7	12.5	10.0	8.1	9.8	7.8		7.4	6.1	
110	13.6	14.8	13.9	15.0	12.0	10.2	11.6	9.4	7.5	9.1	7.3	5.8	7.1	5.8	
120	10.7	12.0	13.3	12.1	11.3	9.9	10.9	8.7	7.2	8.5	6.7	5.4	6.6	5.4	
130	8.0	9.1		9.6	10.6	9.5	10.0	8.0	6.9	8.0	6.2	5.1	6.2	4.9	4.0
140	5.9			7.5	8.8		8.6	7.6	6.7	7.3	5.9	4.9	5.9	4.6	3.7
150				5.7	6.8		7.0	7.2	6.5	6.7	5.5	4.8	5.4	4.2	3.4
160				4.0	4.8		5.4	6.5	6.4	5.9	5.2	4.6	4.9	3.9	3.3
170							4.0	4.9		4.7	4.9	4.4	4.4	3.8	3.1
180										3.4	4.5		3.9	3.4	3.1
190											4.2			3.2	3.0
200											3.9			3.0	2.8



77,161 lbs

SAE

ft	43.3 ft + 43.3 ft			43.3 ft + 63.0 ft			43.3 ft + 82.7 ft			43.3 ft + 102.4 ft			43.3 ft + 122.0 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	39.7														
12	39.7			35.1											
14	39.0			34.3			22.9								
16	37.2			33.3			22.9								
18	35.4			32.3			22.9			14.1					
20	33.7			31.4			22.9			14.1			10.1		
25	30.4	24.5		29.2			22.9			14.1			10.1		
30	27.6	22.5		27.1			21.9			14.1			10.1		
35	25.2	21.0		24.9			20.2			14.1			10.1		
40	23.2	19.7	17.3	22.9	18.8		18.8			14.1			10.1		
45	21.5	18.5	16.5	21.3	17.6		17.4			13.9			10.1		
50	20.1	17.6	15.9	19.9	16.3		16.2			13.2			10.0		
55	18.8	16.8	15.4	18.4	15.1	12.7	15.1	12.9		12.4			9.7		
60	17.7	16.0	15.0	16.9	14.1	12.0	14.2	12.2		11.8			9.2		
65	16.7	15.3	14.8	15.6	13.1	11.5	13.3	11.1		11.1			8.9		
70	15.9	14.9		14.4	12.4	11.0	12.5	10.4		10.4			8.4		
75	15.3	14.6		13.3	11.7	10.5	11.6	9.8		9.9	8.3		8.0		
80				12.4	11.1	10.1	10.6	9.1		9.3	7.8		7.6	6.7	
85				11.5	10.4	9.7	10.0	8.6	7.7	8.4	7.3		7.3	6.4	
90				10.7	10.0		9.3	8.1	7.4	7.9	6.8		7.0	5.9	
95							8.6	7.7	7.1	7.4	6.4		6.5	5.5	
100							8.0	7.4	6.8	6.9	6.1		6.0	5.2	
110							7.2	6.7	6.4	6.1	5.4	5.0	5.2	4.7	
120										5.4	5.0	4.6	4.6	4.1	3.7
130										4.7	4.5	4.2	4.1	3.8	3.3
140													3.5	3.5	3.2
150													3.1	3.1	3.0