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QUALITY AND SAFETY FIRST.

CRANE CHART

LOAD RADIUS IN FEET FROM CENTER PIN OF ROTATION BEARING

NOTE: ALL WEIGHTS IN KIPS

CRANE TYPE:	10'	15'	20'	25'	30'	35'	40'	45'	50'	55'	60'	65'	70'	75'	80'	85'	90'	95'	100'	105'	110'	115'	120'	125'	130'	135'	140'	145'	150'	155'	160'	180'	200'	220'	
HYDRAULIC:																																			
BOOM TRUCK	30.9	18.8	14.2	10.9	8.6	6.9	5.6	4.6	3.7	3.0	2.4	2.0	1.5	1.2	0.8																				
30 TON RT	60.0	34.5	26.0	20.5	16.5	12.8	10.7	9.0	7.4	6.3	5.3	4.5	3.8	3.2	2.7																				
50 TON AT	99.9	63.1	56.2	36.9	30.0	23.7	19.7	16.5	14.0	11.8	10.6	8.7	7.7	6.8	6.0	5.1	4.6	3.8	3.6	3.6	3.0	3.0	2.1	2.1	1.3										
65 TON AT	121	84.5	64.0	43.8	36.2	28.4	24.2	20.1	17.0	14.6	12.6	11.0	9.2	8.3	7.4	6.6	5.8	5.4	5.0	4.6	4.2	3.8	2.7	2.6	2.5	2.5									
120 TON AT	217	166	122	99.0	76.0	65.0	54.1	45.8	39.2	34.0	29.4	26.3	23.5	21.3	19.2	18.0	15.8	14.5	12.7	11.7	10.9	9.3	8.6	7.3	6.7	6.1	4.6	4.0	3.5	2.9					
250 TON AT	394.6	341.5	244.6	194.9	159.5	133.2	117.2	102.2	90.4	80.6	73.9	67.5	64.1	59.6	54.4	49.7	45.6	42.1	38.9	32.0	29.1	23.5	21.2	18.7	15.8	14.4	12.9	10.4	8.6	7.7	7.0	5.4	4.2	3.4	

LOAD RADIUS IN FEET FROM CENTER PIN OF ROTATION BEARING

CONVENTIONAL:	10'	15'	20'	25'	30'	45'	60'	75'	90'	105'	120'	135'
45 TON LINK-BELT HC 108B	90.0	72.0	54.5	42.2	34.2	21.1	13.6	9.5	6.8	4.8	3.6	3.5
75 TON LINK-BELT HC 138A	150.0	141.2	110.7	87.3	70.9	38.2	27.7	20.4	15.6	12.3	9.7	7.1
82 TON LINK-BELT HC 218	164.0	137.2	103.2	81.4	65.9	41.8	29.0	21.9	16.9	13.2	10.5	8.1
	12'	25'	50'	75'	100'	125'	150'	175'	200'	250'		
100 TON LINK-BELT HC 218A	200.0	105.0	48.8	27.5	18.1	12.0	8.5	5.5	2.1			
140 TON LINK-BELT HC 238A	280.0	131.3	57.9	35.0	27.8	15.5	11.2	7.6	4.9			
200 TON SUMITOMO 1500/2	400.0	272.0	119.0	66.0	48.0	34.0	24.0	17.0	7.0	6.0		

TOWER CRANES: 32 TT SELF-ERECTING

HOOK REACH	11'	33'	53'	56'	59'	63'	66'	69'	72'	75'	79'	82'	85'	89'	92'	95'	98'
98'	8.8	8.8	5.3	4.9	4.5	4.2	3.9	3.6	3.4	3.2	3.0	2.8	2.7	2.5	2.4	2.3	2.2
92'	8.8	8.8	5.7	5.2	4.8	4.5	4.2	3.9	3.7	3.4	3.2	3.1	2.9	2.7	2.6		
85'	8.8	8.8	6.0	5.5	5.1	4.7	4.4	4.1	3.8	3.6	3.4	3.2	3.0				
79'	8.8	8.8	6.4	5.9	5.5	5.1	4.8	4.4	4.2	3.9	3.7						
72'	8.8	8.8	6.7	6.2	5.7	5.3	5.0	4.6	4.4								
66'	8.8	8.8	7.1	6.5	6.0	5.6	5.2										
59'	8.8	8.8	7.4	6.9	6.3												

CRANE	Min Hrs	Requirements	Limitations/Additional Info	Overall Length
BOOM TRUCK	No Min	25'x24'		38'
30 TON RT	3 hrs	26'x24'		35'
50 TON AT	3 hrs	27'x25'		35'
65 TON AT	3 hrs	28'x25'		39'
120 TON AT	4 hrs	35'x28'	REQUIRES A SUPPORT TRUCK AT 100\$/HR FOR LARGER LIFTS	43'
250 TON AT	8 hrs	35'x45'	REQUIRES 1-3 SUPPORT TRUCKS AT 100\$/HR/EA. FOR LARGER LIFTS	50'

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