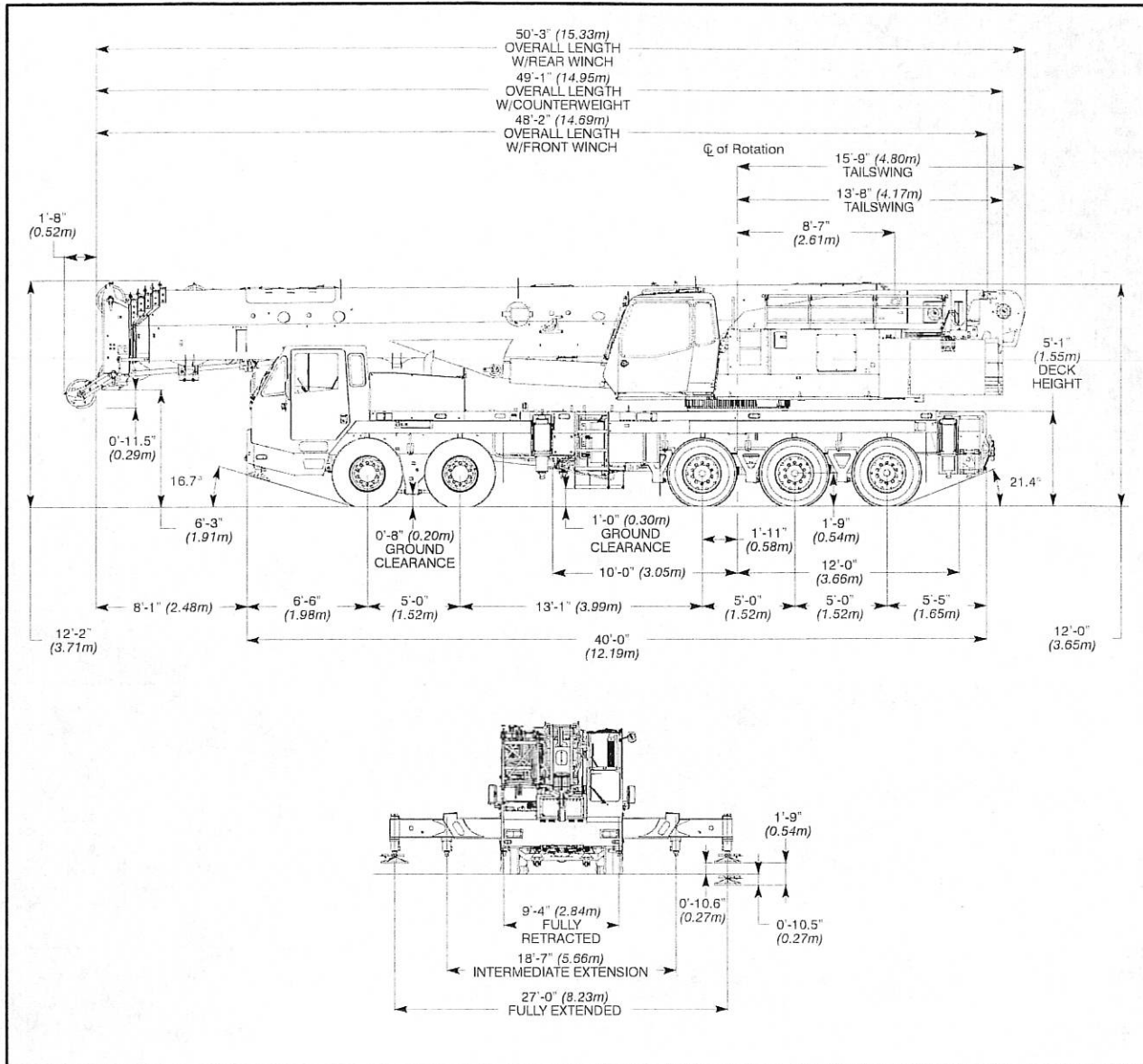


General Dimensions



Tire Inflation

Tire Size	Operation	Tire Pressure (psi)
12 R 24.5 H	Stationary, Over Rear, 360° 1.0 mph	120
445/65 R 22.5L	Stationary, 360°	131

Pontoon Loadings

Maximum Pontoon Load (lb)	Maximum Pontoon Ground Bearing Pressure (psi)
160,000	301

Boom Extend Modes

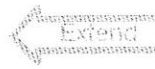
Bm Len. (ft)	Telescope Length (ft)									
	T5	%	T4	%	T3	%	T2	%	T1	%
42.3										
55	12.7	44								
70	27.7	96								
85	28.9	100	13.8	46						
100	28.9	100	28.8	97						
115	28.9	100	29.7	100	14.1	46				
130	28.9	100	29.7	100	29.1	95				
145	28.9	100	29.7	100	30.6	100	13.5	43		
160	28.9	100	29.7	100	30.6	100	28.5	90		
175	28.9	100	29.7	100	30.6	100	31.5	100	12.0	37
185	28.9	100	29.7	100	30.6	100	31.5	100	22.0	68
195.3	28.9	100	29.7	100	30.6	100	31.5	100	32.3	100

Bm Len. (ft)	Telescope Length (ft)									
	T5	%	T4	%	T3	%	T2	%	T1	%
42.3										
55	12.7	44								
70	25.9	90	1.8	6						
85	25.9	90	16.8	57						
100	25.9	90	26.7	90	5.1	17				
115	25.9	90	26.7	90	20.1	66				
130	25.9	90	26.7	90	27.6	90	7.5	24		
145	25.9	90	26.7	90	27.6	90	22.5	71		
160	25.9	90	26.7	90	27.6	90	28.5	90	9.0	28
170	25.9	90	26.7	90	27.6	90	28.5	90	19.0	59
180.3	25.9	90	26.7	90	27.6	90	28.5	90	29.3	91

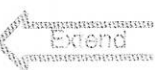
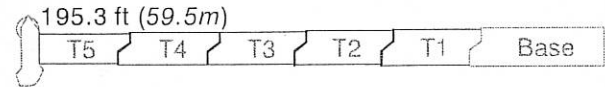
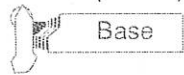
Bm Len. (ft)	Telescope Length (ft)									
	T5	%	T4	%	T3	%	T2	%	T1	%
42.3										
55	12.7	44								
70	13.2	46	14.1	47	0.4	1				
85	13.2	46	14.1	47	15.4	50				
100	13.2	46	14.1	47	27.6	90	2.8	9		
115	13.2	46	14.1	47	27.6	90	17.8	45		
130	13.2	46	14.1	47	27.6	90	28.5	90	4.3	13
145	13.2	46	14.1	47	27.6	90	28.5	90	19.3	60
155	13.2	46	14.1	47	27.6	90	28.5	90	29.3	91

Bm Len. (ft)	Telescope Length (ft)									
	T5	%	T4	%	T3	%	T2	%	T1	%
42.3										
55	12.7	44								
70	13.2	46	14.1	47	0.4	1				
85	13.2	46	14.1	47	14.9	49	0.5	2		
100	13.2	46	14.1	47	14.9	49	15.5	49		
115	13.2	46	14.1	47	14.9	49	15.8	50	14.7	46
129.6	13.2	46	14.1	47	14.9	49	15.8	50	29.3	91

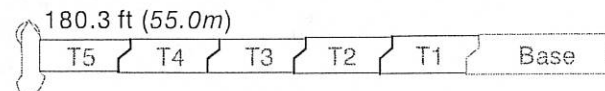
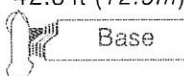
Bm Len. (ft)	Fixed Length (ft)									
	T5	%	T4	%	T3	%	T2	%	T1	%
42.3										
56.4			14.1	47						
71.3			14.1	47	14.9	49				
87.1			14.1	47	14.9	49	15.8	50		
103.7			14.1	47	14.9	49	15.8	50	16.6	51



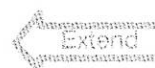
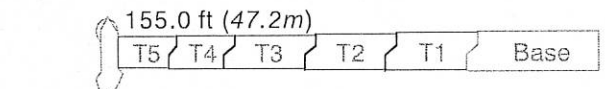
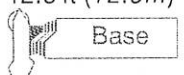
42.3 ft (12.9m)



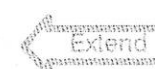
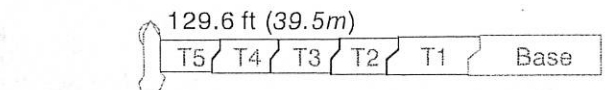
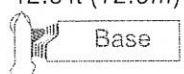
42.3 ft (12.9m)



42.3 ft (12.9m)



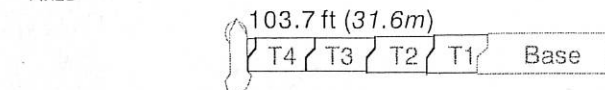
42.3 ft (12.9m)



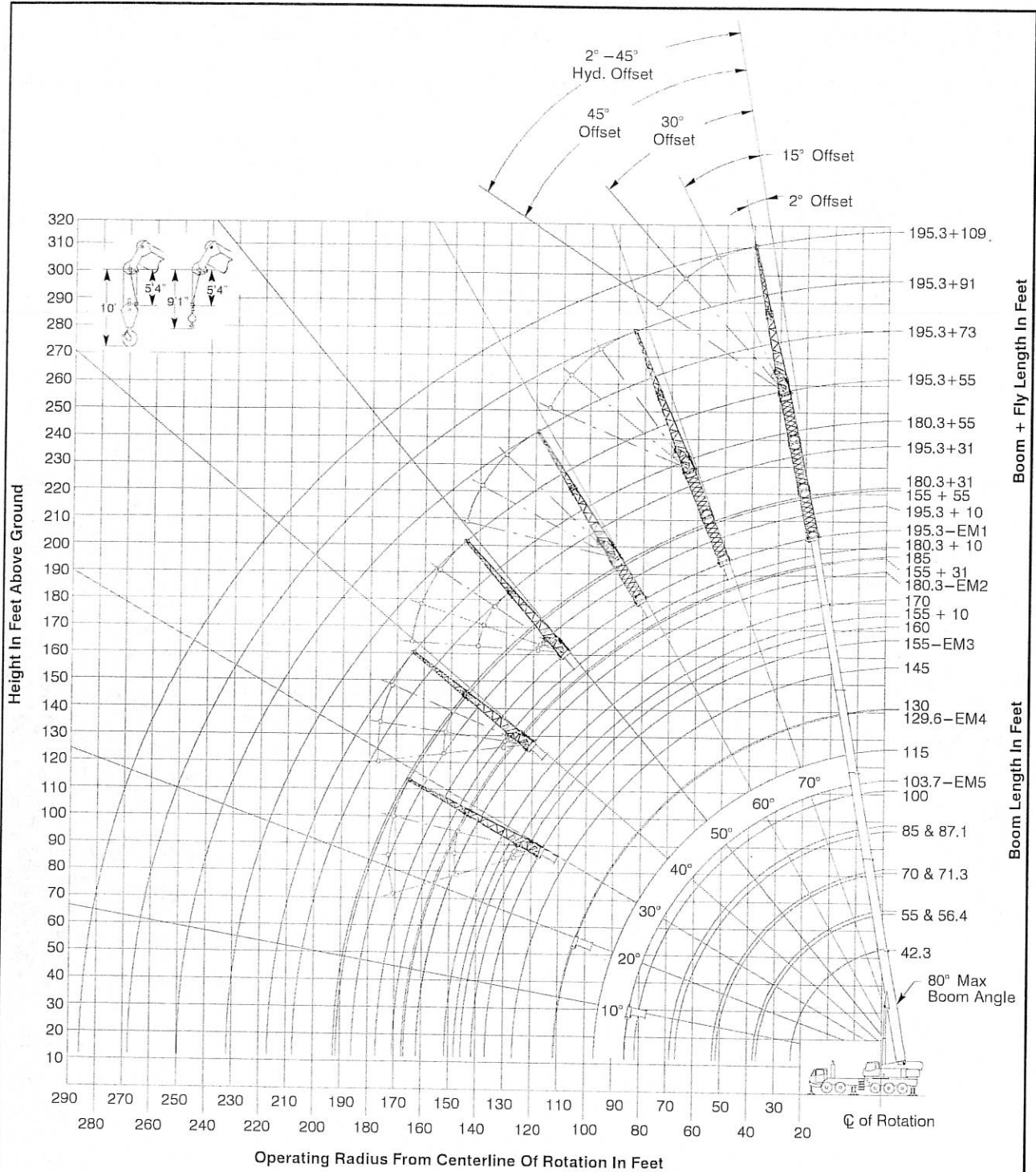
42.3 ft (12.9m)



FIXED



Working Range Diagram



Note: Boom and fly geometry shown are for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.



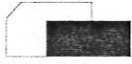
WARNING

Do Not Lower The Boom Below The Minimum Boom Angle For No Load Stability As Shown In The Lift Charts For The Boom Lengths Given. Loss Of Stability Will Occur Causing A Tipping Condition.

Wind Speed Restrictions

If The Wind Speed Is:		Rated Lifting Capacities Must Be Reduced By At Least:
Main Boom, 10', 31', & 55' Fly		
0–16 mph	Normal Lifting Operations (See Capacity Charts)	
17–23 mph	40%	
24–31 mph	70%	
32 mph or greater	Crane operation must be shutdown and the boom retracted and lowered to horizontal.	
73', 91', & 109' Fly		
0–12 mph	Normal Lifting Operations (See Capacity Charts)	
13–18 mph	40%	
19–24 mph	70%	
25 mph or greater	Crane operation must be shutdown and the boom retracted and lowered to horizontal.	
• Additional reductions are required for loads with large wind sail area. • These restrictions are based on crane on fully extended outriggers. • When wind speed for normal operation is exceeded, the operator shall add 10° to all minimum boom angles due to no load stability and shall not boom down below that angle.		

Backward Stability – Maximum Boom Angle

				
Counterweight (lb)	On Tires	Outrigger Position		
		Retracted	Intermediate	Full
0	80°	80°	80°	
4,000	77°	80°		
8,000	73°	80°		
14,000	66°	79°		
20,000	59°	73°		
32,000	41°	60°		
45,000	0°	43°		
60,000	0°	0°		
Maximum boom angle is based on retracted boom at the least stable over side position.				