



CROFTON
CRANE RENTAL & RIGGING

Grove TMS9000E

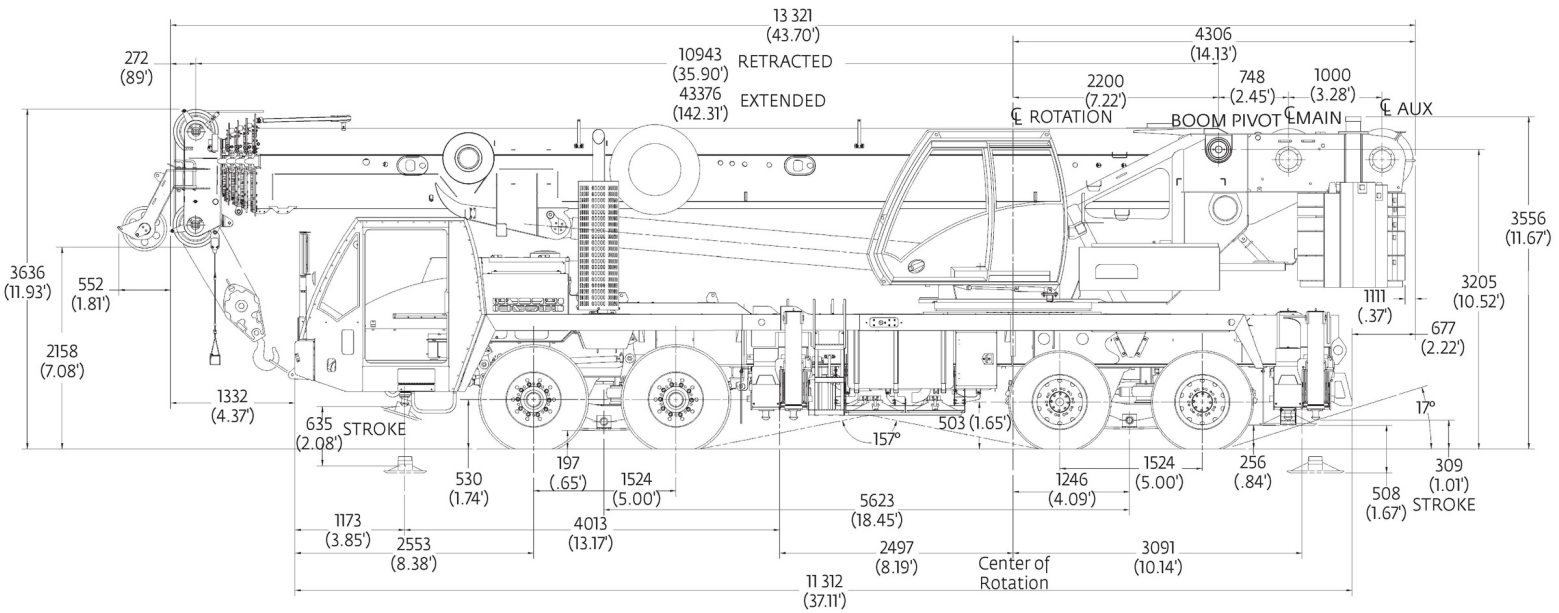
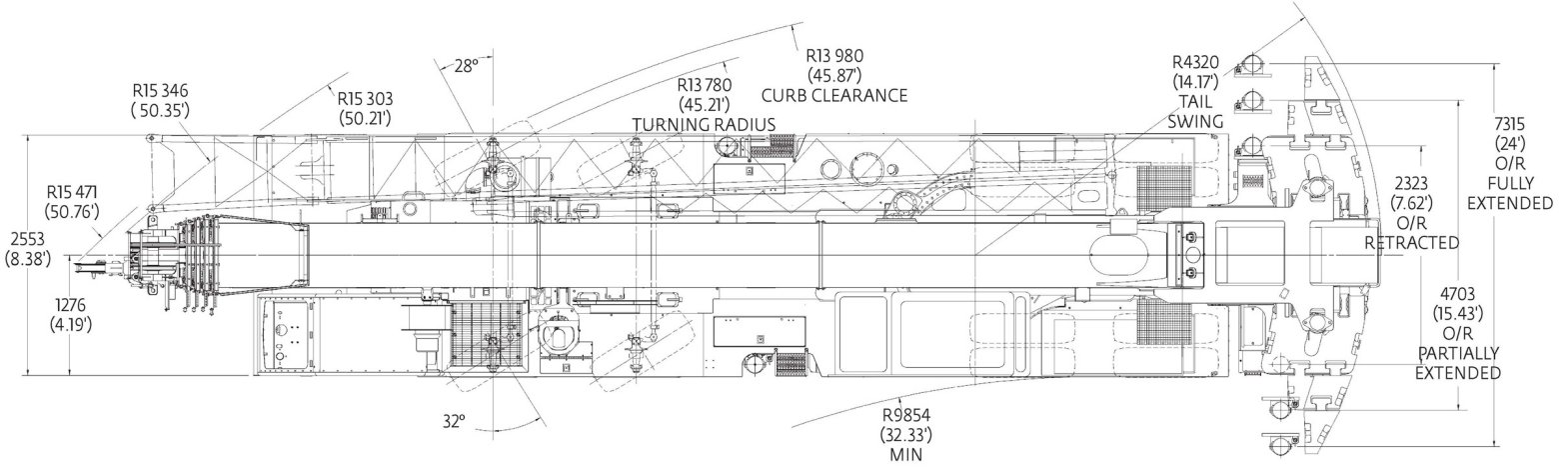
Product Guide



Features

- 90 t (110 USt) capacity
- 11,2 m - 43,4 m (36 ft - 142 ft) five-section full power boom
- Patented TWIN-LOCK™ boom pinning system
- 10 m - 17 m (33 ft - 56 ft) bi-fold lattice swingaway extension
- Optional lattice insert extensions for a 72,2 m (237 ft) maximum tip height
- Tilttable superstructure cab
- Up to 21 300 kg (48,500 lb) counterweight with hydraulic removal system

Dimensions

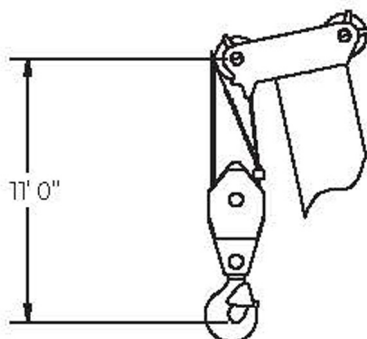
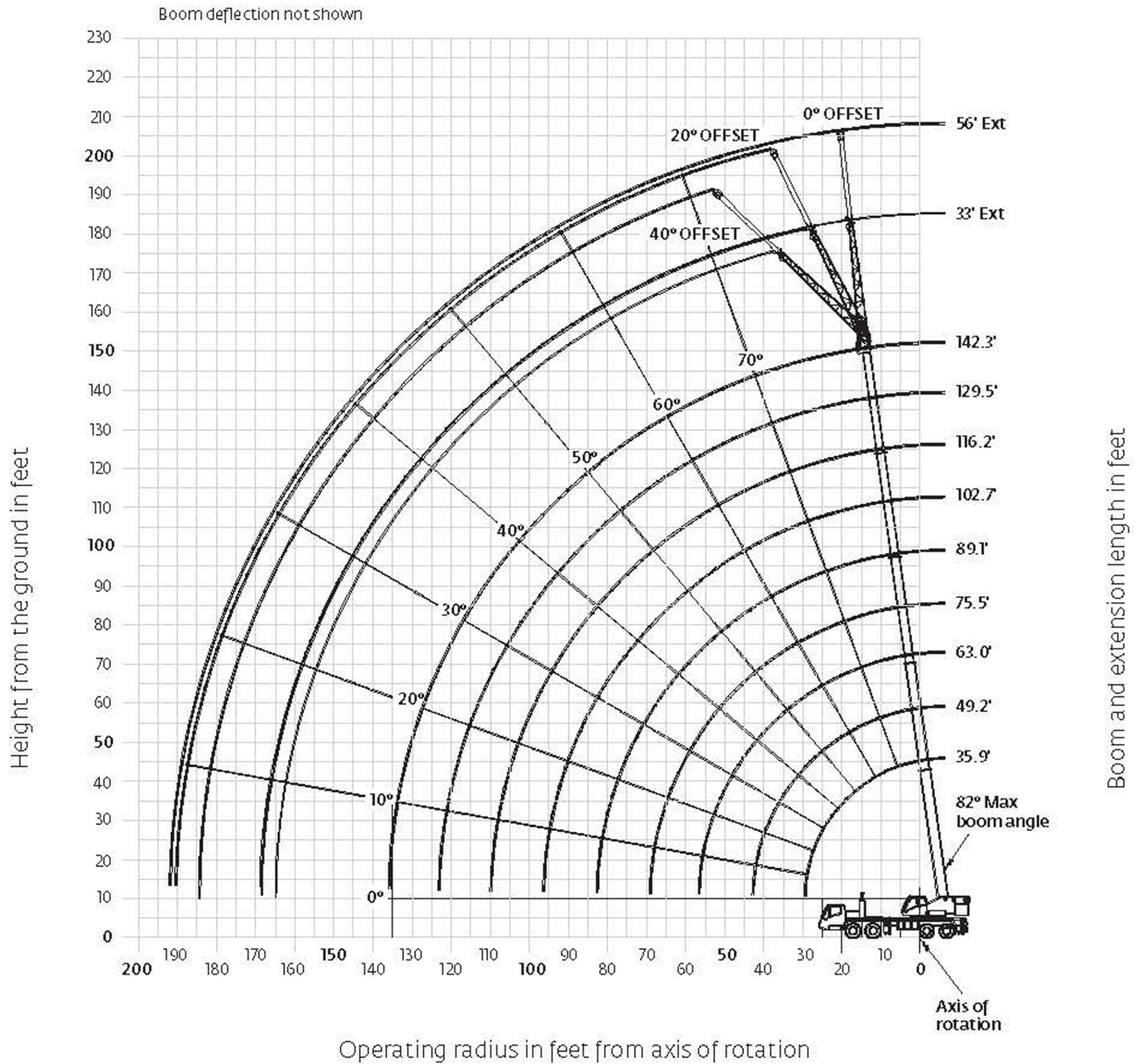


Dimensions shown in mm (ft)

Working Range

Main Boom and Manual Extension

36 ft - 142 ft main boom and manual lattice extension

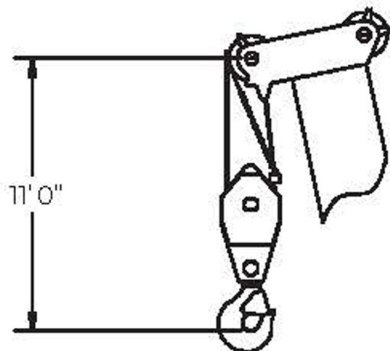
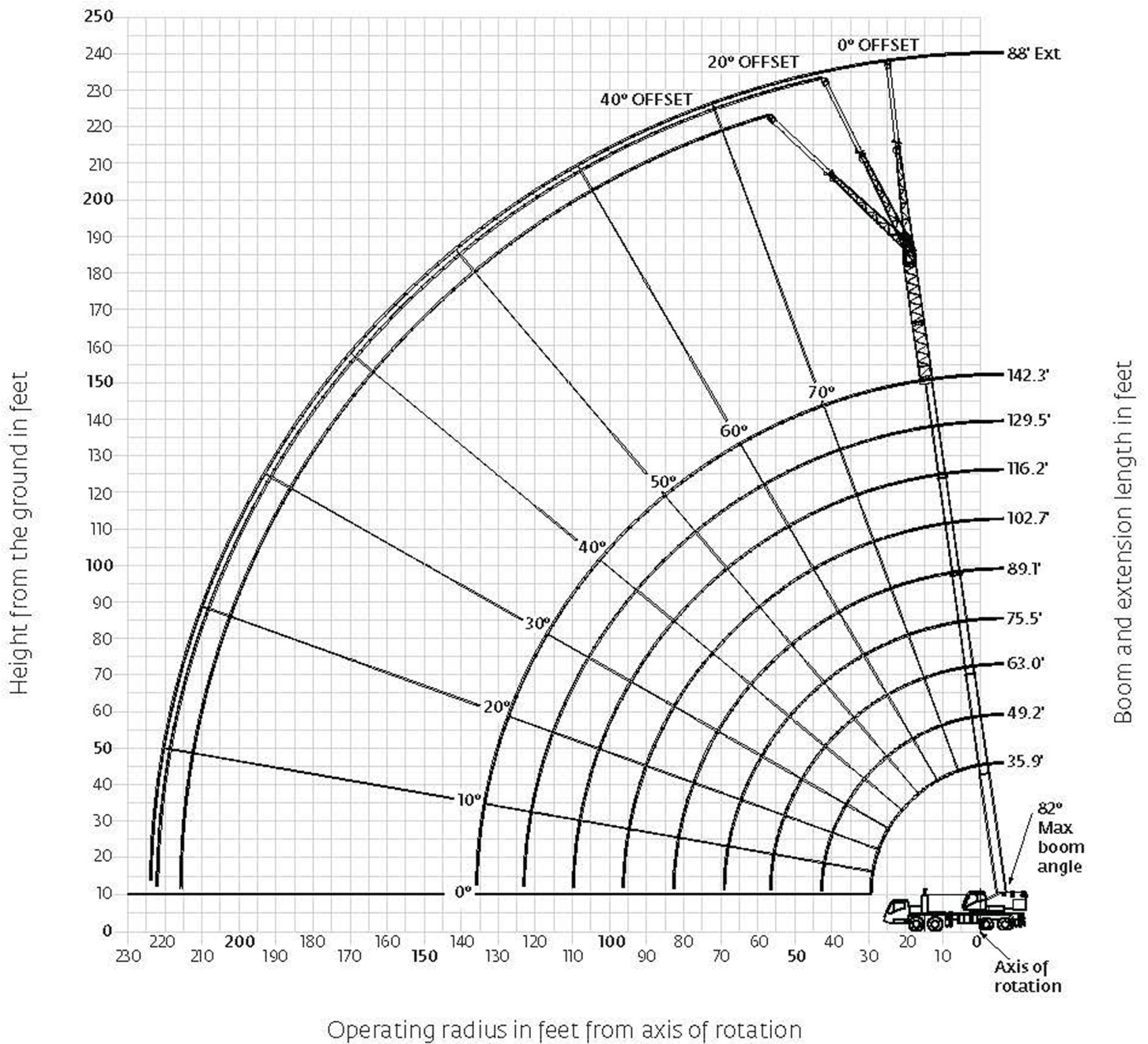


Dimensions area for largest Grove furnished hookblock and headache ball, with anti-two block activated.

Working Range

Main Boom, Manual Extension, and Inserts

36 ft - 142 ft main boom, manual lattice extension and two 16 ft inserts

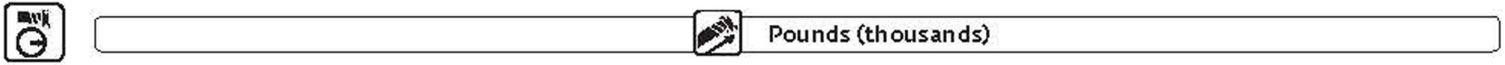


Dimensions area for largest Grove furnished hookblock and headache ball, with anti-two block activated.

Load Chart

Main Boom, Manual Extension, and Inserts

- 
142 ft
 Fixed lengths
- 
33 ft - 56 ft
72 ft - 88 ft
 Manual offsettable
 swingaway
- 
48,500 lb
- 
100%
24 ft 0 in
- 
360°



Feet	142.3' + 33'			142.3' + 56'			142.3' + 72'			142.3' + 88'		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
30	13,650			8470								
35	13,650			8470								
40	13,650			8470								
45	13,650	14,200		8470			6920					
50	13,650	14,200	12,200	8470			6920			5520		
55	13,650	14,200	12,200	8470	8700		6920			5520		
60	13,650	14,200	12,200	8470	8670		6920	7440		5520		
65	13,650	14,200	12,200	8470	8620		6920	7440		5520		
70	13,650	14,100	12,200	8470	8380		6920	7440		5520	5680	
75	13,650	13,500	12,200	8470	8160	6750	6920	7440	6370	5520	5610	
80	12,950	12,900	12,200	8470	7940	6640	6920	7440	6370	5520	5550	5330
85	12,250	12,250	12,200	8470	7720	6530	6920	7430	6370	5520	5480	5330
90	11,600	11,600	11,850	8470	7530	6440	6920	7330	6370	5520	5420	5330
95	11,000	11,050	11,250	8470	7340	6350	6920	7240	6350	5520	5350	5330
100	10,450	10,500	10,700	8470	7170	6280	6920	7140	6270	5520	5290	5290
105	9860	9990	10,200	8470	7020	6210	6920	7040	6200	5440	5230	5240
110	9290	9510	9720	8340	6870	6140	6920	6840	6140	5350	5160	5200
115	8750	8980	9260	8100	6730	6090	6920	6630	6090	5270	5100	5150
120	8250	8470	8720	7770	6610	6050	6710	6430	6040	5180	5040	5110
125	7790	7990	8210	7420	6490	6010	6490	6240	6000	5100	4990	5050
130	7260	7520	7610	7090	6390	5990	6270	6050	5970	5010	4920	4990
135	6670	6890		6770	6290	5970	6020	5880	5950	4930	4850	4920
140	6130	6320		6460	6200	5970	5740	5710	5800	4840	4760	4860
145	5630	5780		6070	6130	5970	5470	5560	5660	4670	4600	4720
150	5160	5280		5600	6000	5970	5220	5410	5530	4520	4460	4580
155	4740	4820		5160	5520	5660	4980	5180	5410	4360	4320	4450
160	4340			4750	5070		4590	4950	5180	4220	4190	4320
165	3990			4370	4640		4200	4560	4720	4020	4060	4200
170				4020	4240		3840	4160		3760	3950	4090
175				3690	3860		3500	3790		3420	3770	3930
180				3380	3500		3190	3430		3100	3420	3550
185				3080			2890	3100		2800	3090	
190				1830			2620	2780		2510	2770	
195							2360	2480		2250	2470	
200							2120			2000	2190	
205							1910			1770	1920	
210										1550	1660	
215										1340		
220										1160		