



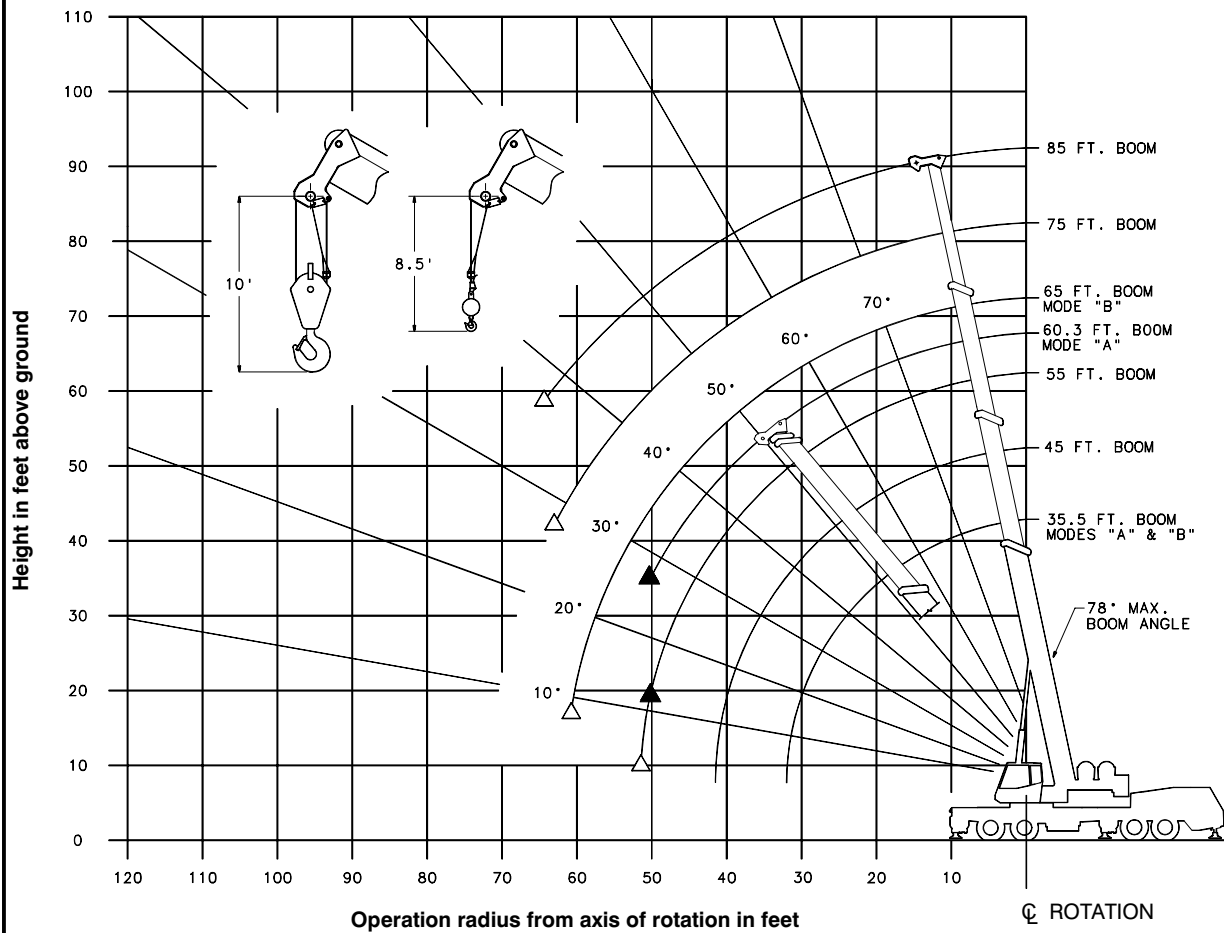
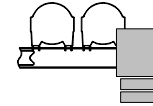
LIFTING CHARTS - Hydraulic Truck Cranes

LINK-BELT MODEL HTC-8660 - 60 TON CAPACITY

## WORKING RANGE DIAGRAM

Working Range Diagram  
On Tires

12,000# Counterweight



**Configurations Prohibited:**  
 Boom Lengths Greater Than 85 Ft  
 34 Ft Offset Fly  
 56 Ft Offset Fly

- ▲ Denotes Main Boom—Boom Mode "A"
- △ Denotes Main Boom—Boom Mode "B"

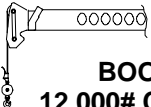

Note: Boom geometry shown is for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius and boom angle change must be accounted for when applying load to hook.



### 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.

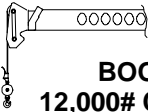


# STERLING CRANE

 <b>On Tire Capacities In Pounds</b> <b>Stationary Capacities – Boom Centered Over Rear</b> <b>BOOM MODE “A”</b> <b>12,000# COUNTERWEIGHT</b>						<b>Tire Pressure: See Page 5.</b> <b>See Operation Note 20.</b>			
35.5 Ft. To 45 Ft. Main Boom									
Load Radius In Feet	35.5 Ft.		45 Ft.		Load Radius In Feet				
	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load					
10	68.5	36,300			10				
12	65.0	33,100			12				
15	59.5	28,900	66.5	28,700	15				
20	49.0	23,000	59.0	22,700	20				
25	37.5	15,900	51.5	15,700	25				
30	20.0	11,400	42.5	11,300	30				
35			32.0	8,200	35				
40			15.5	5,800	40				
Min.Boom Angle/Cap	0	9,700	0	5,100	Min.Boom Angle/Cap				

55 Ft. To 60.3 Ft. Main Boom					
Load Radius In Feet	55 Ft.		60.3 Ft.		Load Radius In Feet
	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load	
20	65.5	22,400			20
25	59.5	15,500	62.5	15,400	25
30	53.0	11,200	57.0	11,100	30
35	46.0	8,100	51.0	8,000	35
40	38.5	5,800	44.5	5,800	40
45	29.0	4,100	37.0	4,000	45
50	14.0	2,600	28.0	2,700	50
Min.Boom Angle/Cap	12.5		27.0		Min.Boom Angle/Cap

**Note: Refer To Page 8 For “Capacity Deductions” Caused By Auxiliary Load Handling Equipment.**

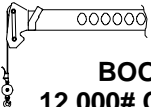


# STERLING CRANE

 <b>On Tire Capacities In Pounds</b> <b>Stationary Capacities – Boom Centered Over Rear</b> <b>BOOM MODE “B”</b> <b>12,000# COUNTERWEIGHT</b>								 	
<b>Tire Pressure: See Page 5.</b> <b>See Operation Note 20.</b>									
35.5 Ft. To 55 Ft. Main Boom									
Load Radius In Feet	35.5 Ft.		45 Ft.		55 Ft.		Load Radius In Feet		
	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load			
10	68.5	36,300					10		
12	65.0	33,100					12		
15	59.5	28,900	66.5	29,300			15		
20	49.0	23,000	59.0	23,700	65.5	24,200	20		
25	37.5	15,900	51.5	16,700	59.5	17,200	25		
30	20.0	11,400	42.5	12,300	53.0	12,800	30		
35			32.0	9,200	46.0	9,700	35		
40			15.5	6,800	38.5	7,400	40		
45					28.5	5,600	45		
50					14.0	4,200	50		
Min.Boom Angle/Cap.	0	9,700	0	6,000	0	3,700	Min.Boom Angle/Cap.		

65 Ft. To 85 Ft. Main Boom							
Load Radius In Feet	65 Ft.		75 Ft.		85 Ft.		Load Radius In Feet
	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load	
25	64.5	17,500					25
30	59.5	13,100	64.0	13,300			30
35	54.5	10,000	60.0	10,200	64.0	10,400	35
40	48.5	7,700	55.5	8,000	60.0	8,100	40
45	42.5	6,000	50.5	6,200	56.0	6,400	45
50	35.0	4,600	45.0	4,800	52.0	5,000	50
55	26.5	3,400	39.5	3,700	47.5	3,900	55
60	13.0	2,500	33.0	2,800	42.5	3,000	60
Min.Boom Angle/Cap.	8.5		27.5		37.0		Min.Boom Angle/Cap.

**Note: Refer To Page 8 For “Capacity Deductions” Caused By Auxiliary Load Handling Equipment.**

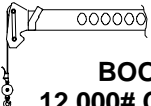


# STERLING CRANE

 <b>On Tire Capacities In Pounds</b> <b>Pick &amp; Carry (1MPH) – Boom Centered Over Rear</b> <b>BOOM MODE “A”</b> <b>12,000# COUNTERWEIGHT</b>						 	
<b>Tire Pressure: See Page 5.</b> <b>See Operation Note 20.</b>							
35.5 Ft. To 45 Ft. Main Boom							
Load Radius In Feet	35.5 Ft.		45 Ft.		Load Radius In Feet		
	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load			
10	68.5	24,800			10		
12	64.5	22,400			12		
15	59.0	19,300	66.5	19,000	15		
20	49.0	15,100	59.0	14,900	20		
25	37.5	12,000	51.5	11,800	25		
30	20.0	9,400	42.5	9,300	30		
35			32.0	7,300	35		
40			15.5	5,500	40		
Min.Boom Angle/Cap	0	8,300	0	4,900	Min.Boom Angle/Cap		

55 Ft. To 60.3 Ft. Main Boom					
Load Radius In Feet	55 Ft.		60.3 Ft.		Load Radius In Feet
	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load	
20	65.5	14,800			20
25	59.5	11,700	62.5	11,600	25
30	53.0	9,200	57.0	9,100	30
35	46.0	7,200	51.0	7,100	35
40	38.5	5,500	44.5	5,500	40
45	29.0	4,100	37.0	4,000	45
50	14.0	2,600	28.0	2,700	50
Min.Boom Angle/Cap	12.5		27.0		Min.Boom Angle/Cap

**Note: Refer To Page 8 For “Capacity Deductions” Caused By Auxiliary Load Handling Equipment.**

# STERLING CRANE

 <b>On Tire Capacities In Pounds</b> <b>Pick &amp; Carry (1MPH) – Boom Centered Over Rear</b> <b>BOOM MODE “B”</b> <b>12,000# COUNTERWEIGHT</b>								 	
<b>Tire Pressure: See Page 5.</b> <b>See Operation Note 20.</b>									
35.5 Ft. To 55 Ft. Main Boom									
Load Radius In Feet	35.5 Ft.		45 Ft.		55 Ft.		Load Radius In Feet		
	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load			
10	68.5	24,800					10		
12	64.5	22,400					12		
15	59.0	19,300	66.5	19,600			15		
20	49.0	15,100	59.0	15,600	65.0	15,900	20		
25	37.5	12,000	51.5	12,600	59.5	12,800	25		
30	20.0	9,400	42.5	10,100	53.0	10,500	30		
35			31.5	8,100	46.0	8,500	35		
40			15.5	6,300	38.5	6,900	40		
45					28.5	5,500	45		
50					14.0	4,200	50		
Min.Boom Angle/Cap.	0	8,300	0	5,800	0	3,700	Min.Boom Angle/Cap.		

65 Ft. To 85 Ft. Main Boom							
Load Radius In Feet	65 Ft.		75 Ft.		85 Ft.		Load Radius In Feet
	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load	Loaded Boom Angle (Deg.)	Load	
25	64.5	13,100					25
30	59.5	10,700	64.0	10,900			30
35	54.5	8,800	60.0	9,000	64.0	9,100	35
40	48.5	7,200	55.0	7,400	60.0	7,500	40
45	42.5	5,800	50.5	6,100	56.0	6,200	45
50	35.0	4,600	45.0	4,800	52.0	5,000	50
55	26.5	3,400	39.5	3,700	47.5	3,900	55
60	13.0	2,500	33.0	2,800	42.5	3,000	60
Min.Boom Angle/Cap.	8.5		27.5		37.0		Min.Boom Angle/Cap.

**Note: Refer To Page 8 For “Capacity Deductions” Caused By Auxiliary Load Handling Equipment.**