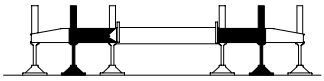
STERLING CRANE

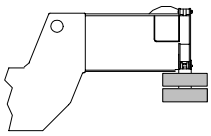
LIFTING CHARTS - Hydraulic Truck Cranes

LINK-BELT MODEL HTC-8675LB - 75 TON CAPACITY

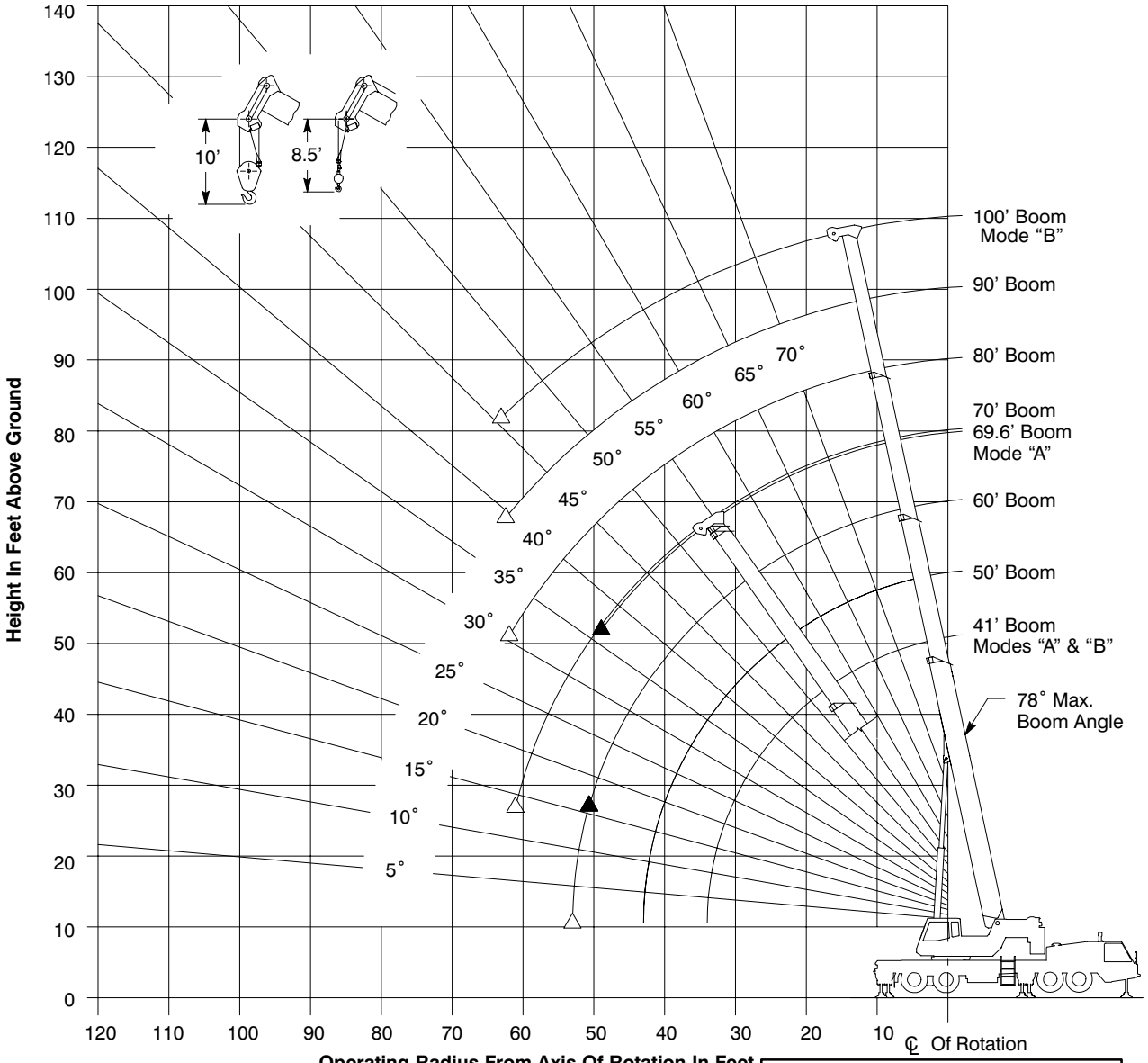
Working Range Diagram



Intermediate Extended Outriggers



8,000# Counterweight



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

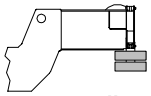
Crane Configurations Prohibited:
Boom Lengths Greater Than 100'
39.5' Offset Fly
67' Offset Fly

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.

STERLING CRANE

Rated Lifting Capacities In Pounds
Intermediate Extended Outriggers
See Set Up Note 2.

Intermediate



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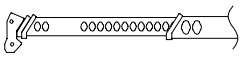


Main Boom "A"

Load Radius (ft)	41'		50'		Load Radius (ft)
	∠°	360°	∠°	360°	
10	69.0	114,700	73.0	75,100	10
12	66.0	100,700	70.5	75,100	12
15	61.0	71,600	67.0	70,200	15
20	52.5	39,500	60.0	38,500	20
25	42.0	25,400	53.0	24,800	25
30	29.0	17,300	45.0	16,900	30
35			36.0	11,800	35
40			23.0	8,200	40
Min.Boom Ang/Cap.	0 (34.0)	12,900	0 (43.0)	6,400	Min.Boom Ang/Cap.

Load Radius (ft)	60'		69.6'		Load Radius (ft)
	∠°	360°	∠°	360°	
10	76.5	74,000			10
12	74.5	74,000	76.5	43,900	12
15	71.5	69,200	74.5	43,900	15
20	66.0	37,800	70.0	37,200	20
25	60.5	24,100	65.0	23,700	25
30	54.5	16,400	60.5	16,000	30
35	48.0	11,500	55.0	11,200	35
40	41.0	8,000	50.0	7,700	40
45	32.5	5,400	44.0	5,200	45
50	21.0	3,300	37.5	3,200	50
Min.Boom Ang/Cap.	16.0 (51.3)		36.5 (50.7)		Min.Boom Ang/Cap.

Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

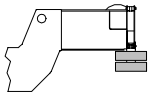
∠° Loaded Boom Angle In Degrees.

( ) Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

STERLING CRANE

Rated Lifting Capacities In Pounds
Intermediate Extended Outriggers
See Set Up Note 2.

Intermediate



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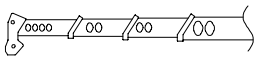


Main Boom "B"

Load Radius (ft)	41'		50'		Load Radius (ft)
	∠°	360°	∠°	360°	
10	69.0	114,700	73.0	38,000	10
12	66.0	100,700	70.5	38,000	12
15	61.0	71,600	67.0	38,000	15
20	52.5	39,500	60.0	38,000	20
25	42.0	25,400	53.0	26,300	25
30	29.0	17,300	45.0	18,300	30
35			36.0	13,100	35
40			23.0	9,500	40
Min.Boom Ang/Cap.	0 (34.0)	12,900	0 (43.0)	7,700	Min.Boom Ang/Cap.

Load Radius (ft)	60'		70'		Load Radius (ft)
	∠°	360°	∠°	360°	
10	76.0	38,000			10
12	74.0	38,000	76.5	38,000	12
15	71.0	38,000	74.5	38,000	15
20	66.0	38,000	69.5	38,000	20
25	60.5	26,800	65.0	27,100	25
30	54.5	18,900	60.5	19,200	30
35	48.0	13,800	55.5	14,100	35
40	41.0	10,200	50.0	10,700	40
45	32.5	7,500	44.0	8,000	45
50	20.5	5,500	37.5	5,900	50
55			30.0	4,300	55
60			19.0	3,000	60
Min.Boom Ang/Cap.	0 (53.0)	4,400	13.5 (61.6)		Min.Boom Ang/Cap.

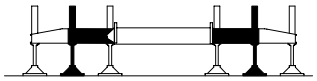
Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠° Loaded Boom Angle In Degrees.

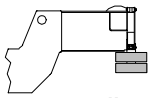
( ) Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

STERLING CRANE

Rated Lifting Capacities In Pounds
Intermediate Extended Outriggers
See Set Up Note 2.



Intermediate



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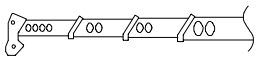

Main Boom
"B"

Load Radius (ft)	80'		90'		100'		Load Radius (ft)
	∠°	360°	∠°	360°	∠°	360°	
15	76.5	38,000					15
20	72.5	38,000	75.0	38,000	77.0	37,400	20
25	68.5	27,300	71.5	27,500	74.0	27,600	25
30	64.5	19,400	68.0	19,600	70.5	19,700	30
35	60.5	14,400	64.5	14,500	67.5	14,600	35
40	56.0	10,900	60.5	11,100	64.0	11,200	40
45	51.5	8,300	56.5	8,500	61.0	8,600	45
50	46.5	6,200	52.5	6,500	57.5	6,600	50
55	41.0	4,600	48.5	4,800	53.5	5,000	55
60	35.0	3,300	44.0	3,500	50.0	3,700	60
Min.Boom Ang/Cap.	30.5 (63.1)		39.5 (64.4)		45.5 (65.4)		Min.Boom Ang/Cap.

Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠° Loaded Boom Angle In Degrees.

( ) Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.