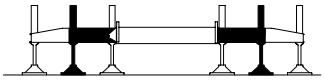
STERLING CRANE

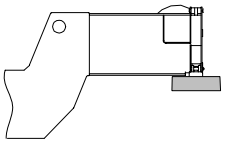
LIFTING CHARTS - Hydraulic Truck Cranes

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

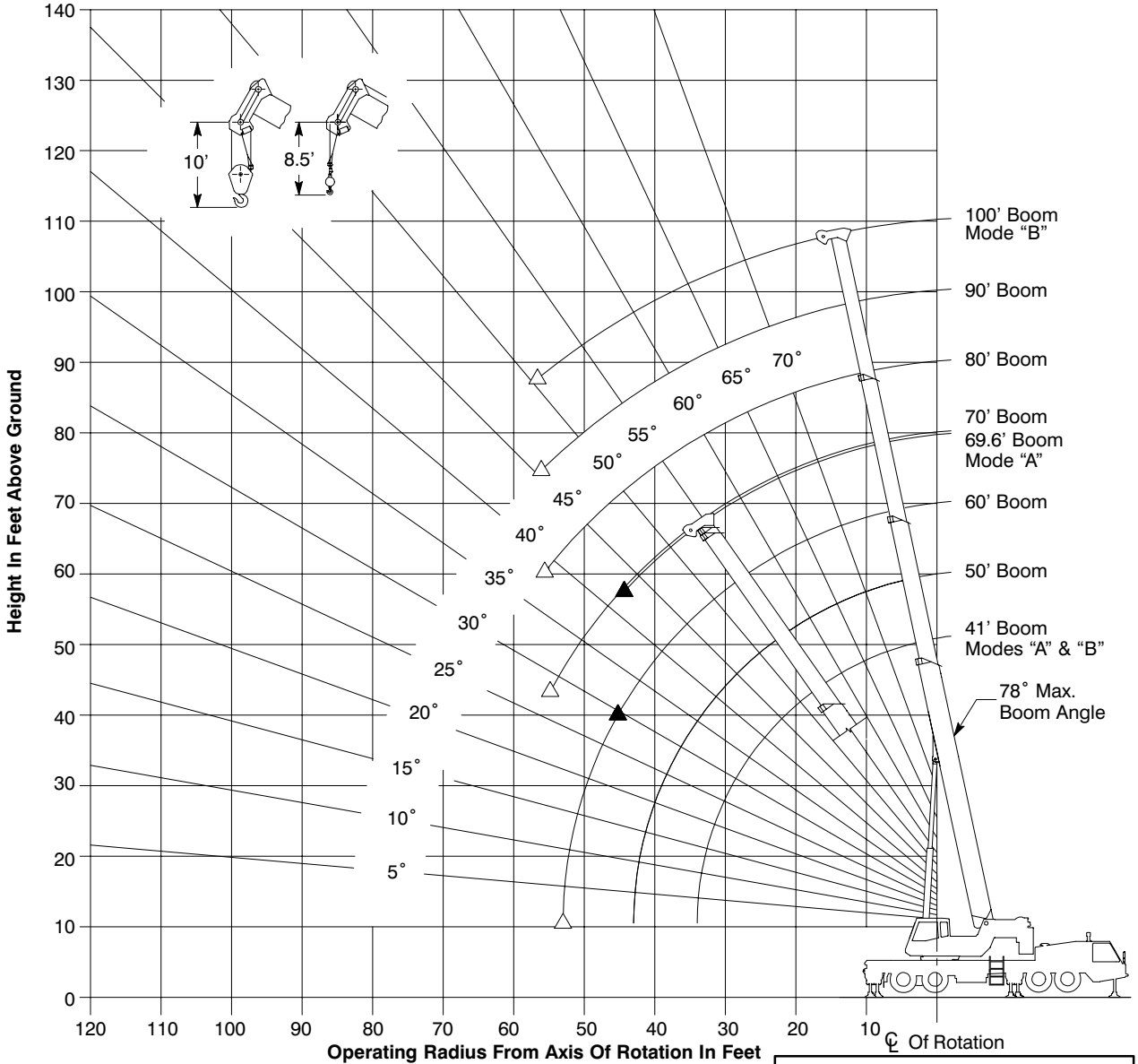
Working Range Diagram



Intermediate Extended Outriggers



4,000# Counterweight



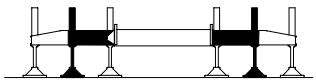
Crane Configurations Prohibited:
Boom Lengths Greater Than 100'
39.5' Offset Fly
67' Offset Fly

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

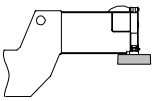
Note: Boom geometry shown is for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.

STERLING CRANE

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



Intermediate



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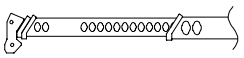


Main Boom "A"

Load Radius (ft)	41'		50'		Load Radius (ft)
	∠°	360°	∠°	360°	
10	69.0	111,700	73.0	75,100	10
12	66.0	98,100	70.5	75,100	12
15	61.0	63,300	67.0	62,000	15
20	52.5	34,600	60.0	33,600	20
25	42.0	21,800	53.0	21,200	25
30	29.0	14,500	45.0	14,100	30
35			36.0	9,500	35
40			23.0	6,300	40
Min.Boom Ang/Cap.	0 (34.0)	10,500	0 (43.0)	4,600	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	71.0	60,900	74.5	43,900	15
20	66.0	32,800	69.5	32,200	20
25	60.5	20,500	65.0	20,000	25
30	54.5	13,600	60.0	13,200	30
35	48.0	9,200	55.0	8,900	35
40	41.0	6,000	50.0	5,800	40
45	32.5	3,700	44.0	3,500	45
Min.Bm Ang/Cap	29.5 (46.4)		42.5 (45.9)		Min.Bm Ang/Cap

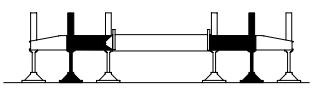
Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠° Loaded Boom Angle In Degrees.

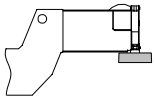
( ) Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

STERLING CRANE

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



Intermediate



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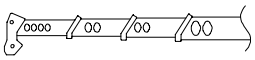


Main Boom "B"

Load Radius (ft)	41'		50'		Load Radius (ft)
	∠°	360°	∠°	360°	
10	69.0	111,700	73.0	38,000	10
12	66.0	98,100	70.5	38,000	12
15	61.0	63,300	67.0	38,000	15
20	52.5	34,600	60.0	35,300	20
25	42.0	21,800	53.0	22,700	25
30	29.0	14,500	45.0	15,500	30
35			35.5	10,900	35
40			23.0	7,600	40
Min.Boom Ang/Cap.	0 (34.0)	10,500	0 (43.0)	5,900	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	74.0	38,000	15
20	66.0	35,900	69.5	36,300	20
25	60.0	23,200	65.0	23,600	25
30	54.5	16,100	60.5	16,400	30
35	48.0	11,600	55.5	11,900	35
40	41.0	8,300	50.0	8,700	40
45	32.5	5,900	44.0	6,300	45
50	20.5	4,000	37.5	4,400	50
55			30.0	3,000	55
Min.Boom Ang/Cap.	0 (53.0)	3,000	28.0 (55.9)		Min.Boom Ang/Cap.

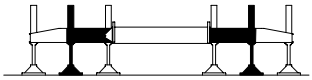
Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠° Loaded Boom Angle In Degrees.

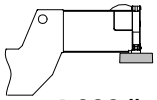
( ) Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

STERLING CRANE

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



Intermediate



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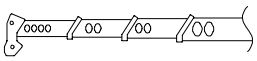

Main Boom "B"

Load Radius (ft)	80'		90'		100'		Load Radius (ft)
	∠°	360°	∠°	360°	∠°	360°	
15	76.5	38,000					15
20	72.5	36,500	75.0	36,700	77.0	36,900	20
25	68.5	23,800	71.5	24,000	74.0	24,100	25
30	64.5	16,600	68.0	16,800	70.5	16,900	30
35	60.5	12,100	64.5	12,300	67.5	12,400	35
40	56.0	8,900	60.5	9,100	64.0	9,200	40
45	51.5	6,600	56.5	6,800	60.5	6,900	45
50	46.5	4,800	52.5	5,000	57.0	5,100	50
55	41.0	3,300	48.5	3,500	53.5	3,700	55
Min.Boom Ang/Cap.	38.5 (57.1)		45.5 (58.3)		50.5 (59.1)		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.