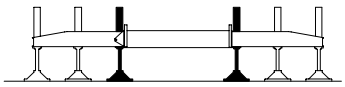
STERLING CRANE

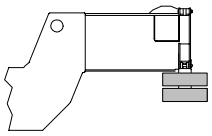
LIFTING CHARTS - Hydraulic Truck Cranes

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

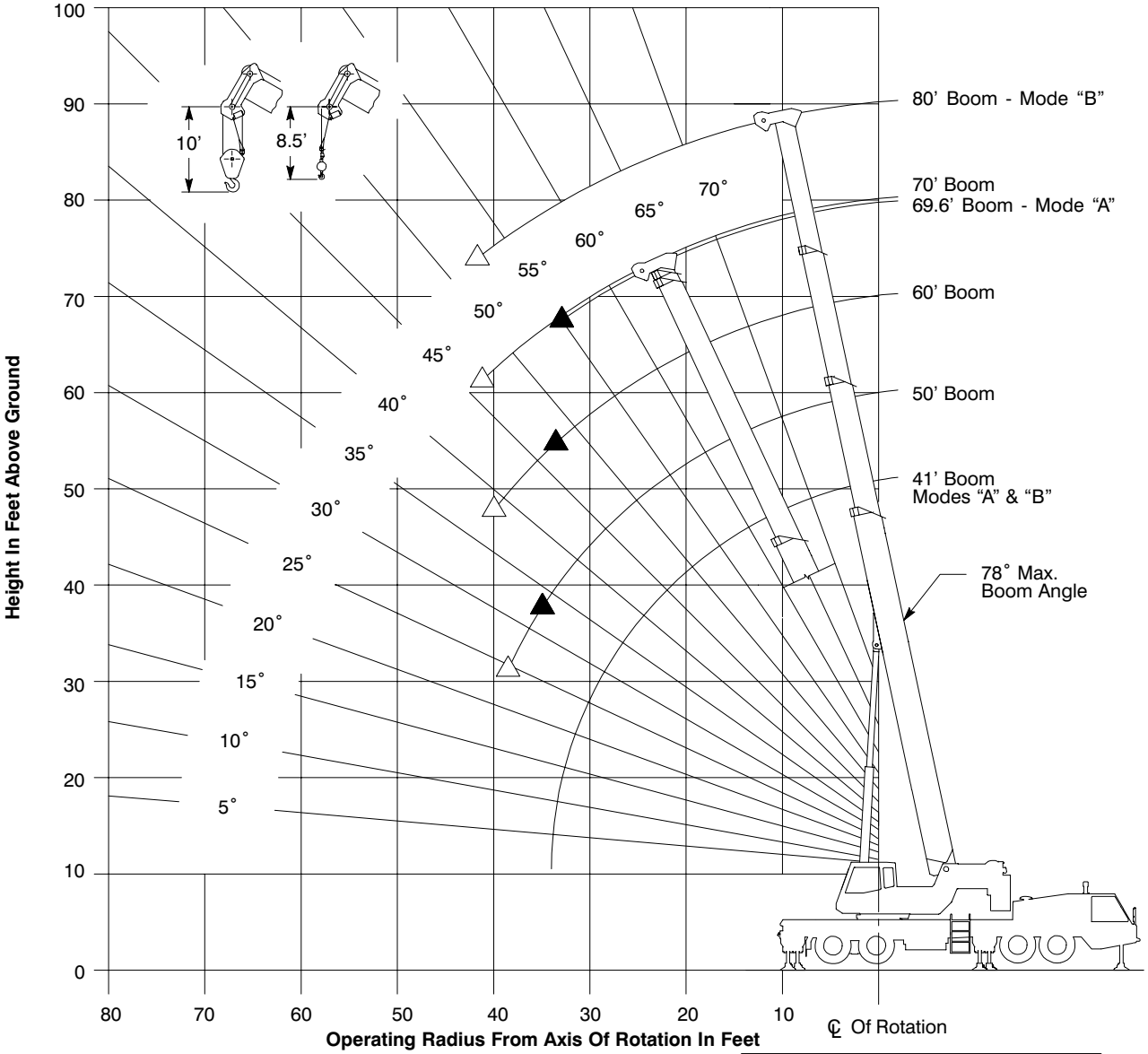
Working Range Diagram



Fully Retracted Outriggers



8,000# Counterweight



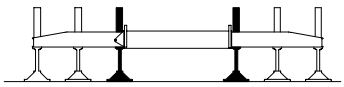
Crane Configurations Prohibited:
Boom Lengths Greater Than 80'
39.5' Offset Fly
67' Offset Fly

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

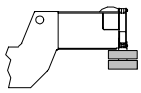
Note: Boom geometry shown is for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.

STERLING CRANE

Rated Lifting Capacities In Pounds
Fully Retracted Outriggers
See Set Up Note 2.



Retracted



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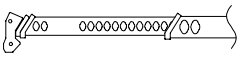


Main Boom "A"

Load Radius (ft)	41'		50'		Load Radius (ft)
	∠°	360°	∠°	360°	
10	69.0	60,200	73.0	58,900	10
12	66.0	43,000	70.5	41,900	12
15	61.0	28,800	66.5	27,800	15
20	52.5	16,500	60.0	16,000	20
25	42.0	10,000	53.0	9,600	25
30	29.0	5,900	45.0	5,600	30
Min.Boom Ang/Cap.	0 (34.0)	3,500	33.0 (36.2)		Min.Boom Ang/Cap.

Load Radius (ft)	60'		69.6'		Load Radius (ft)
	∠°	360°	∠°	360°	
10	76.0	57,900			10
12	74.0	41,000	76.5	40,400	12
15	71.0	27,100	74.0	26,600	15
20	65.5	15,400	69.5	15,000	20
25	60.0	9,200	65.0	8,900	25
30	54.5	5,200	60.0	5,000	30
Min.Boom Ang/Cap.	47.5 (35.3)		55.0 (34.9)		Min.Boom Ang/Cap.

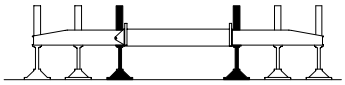
Note: Refer To Page 8 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠° Loaded Boom Angle In Degrees.

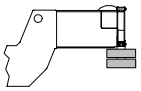
( ) Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

STERLING CRANE

Rated Lifting Capacities In Pounds
Fully Retracted Outriggers
See Set Up Note 2.



Retracted



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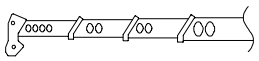

Main Boom "B"

Load Radius (ft)	41'		50'		60'		Load Radius (ft)
	∠°	360°	∠°	360°	∠°	360°	
10	69.0	60,200	73.0	38,000	76.0	38,000	10
12	66.0	43,000	70.5	38,000	74.0	38,000	12
15	61.0	28,800	66.5	29,400	71.0	29,900	15
20	52.5	16,500	60.0	17,400	65.5	17,900	20
25	42.0	10,000	53.0	10,900	60.0	11,500	25
30	29.0	5,900	45.0	6,800	54.5	7,400	30
35			35.5	4,000	48.0	4,700	35
40					41.0	2,600	40
Min.Boom Ang/Cap.	0 (34.0)	3,500	24.5 (39.5)		38.5 (41.4)		Min.Boom Ang/Cap.

Load Radius (ft)	70'		80'		Load Radius (ft)
	∠°	360°	∠°	360°	
12	76.5	38,000			12
15	74.0	30,300	76.0	30,500	15
20	69.5	18,200	72.5	18,400	20
25	65.0	11,800	68.5	12,100	25
30	60.0	7,900	64.5	8,100	30
35	55.0	5,100	60.5	5,400	35
40	50.0	3,000	56.0	3,300	40
Min.Boom Ang/Cap.	46.5 (42.9)		52.5 (43.6)		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.