



TRANSPORTATION SPECS - Crawler Cranes

LINK-BELT MODEL LS-248HII - 200 TON CAPACITY

<u>COMPONENT WEIGHTS</u>		<u>LBS.</u>	<u>KGS.</u>	<u>Boom 50' MIN / 280' MAX (15.2 M Min / 85.3 M Max)</u>	
Complete Crane c/w 50' boom (incl. block, ball & max cwt)		300,406	136 264	<u>LBS.</u>	<u>KGS.</u>
Upper, carbody, 20' butt, 10' insert, live mast & jacks	(1)	78,500	35 607	4,650	2 109
Max counterweight: A, B, C & Track Frame		144,430	67 736	4,130	1 873
Tracks – 44" shoes (2)	each	37,640	17 074	840	381
				1,680	762
				2,520	1 143
				3,360	1 524
				4,200	1 906
				Note: Special instructions for boom transportation tie down.	
				JIB 30' MIN / 100' MAX (10' AND 20' SECTIONS)	
				OD (tubular) 36" W X 24" T	
				1,900	862
				200	91
				400	182
				5,000	2 268
				1,070	486
				COUNTERWEIGHTS–5 PIECES	
				22,730	10 310
				44,740	20 294
				<u>28,960</u>	<u>13 136</u>
				96,430	48 740
				24,000	10 886
				TOTAL COUNTERWEIGHT	
				144,430	
TRANSPORTATION					
This crane is normally hauled in the following configuration:					
1. Upper, carbody, butt, live mast and jacks.					
2. Tracks					
3. Counterweights and boom.					
4. Counterweights and boom.					
5. Counterweights and boom.					
6. Additional boom (if required).					
Alberta and Saskatchewan		Weight	Trailer		
<input type="checkbox"/>	Spring	(1)	24 WH		
<input type="checkbox"/>	Summer	(1)	16 WH		
<input type="checkbox"/>	Winter	(1)	16 WH		
<input type="checkbox"/>					
British Columbia					
<input type="checkbox"/>	Spring	(1)	7-Axle		
<input type="checkbox"/>	Summer & Winter	(1)	3-Axle		

STERLING CRANE

STANDARD BREAKDOWN FOR TRANSPORT TRACKS OFF – UPPER HOUSE & CARBODY, MAST– 5 PC CWT – 200' BOOM

LOAD	DESCRIPTION	DIMENSIONS			WEIGHT		SEASON	TRAILER
		(L)	(W)	(H)	(LBS)	(KGS)		
1.	Upper & Carbody, c/w 20' Butt + 10' Insert (Live mast) (Jacks)	42' 2"	11' 10"	10' 8"	78,500 (4,650) (4,350) (3,400)	35 607 (2 109) (1 974) (1 542)	SB PB S&F&W	24 WH 20 WH 16 WH
2.	Tracks (2) 60 ton Block	28' 6"	3' 8"	4' 6"	75,280 <u>1,692</u> 76,972	34 148 <u>768</u> 34 916	ALL	S/B Train
3.	"A" CWT "C" CWT Rig Box	10'8" 10'8"	2'6" 3'9"	4'6" 1'9"	22,730 28,960 <u>1,000</u> 52,690	10 310 13 136 <u>454</u> 23 900	ALL	Tri Step
4.	"B" CWT 30' Tip 175 Ton Block & Ball	10'8" 30'	3' 6' 8"	3'9" 5' 8"	44,740 4,130 <u>5,030</u> 53,900	20 294 1 873 <u>2 282</u> 24 449	ALL	Tri Step
5.	Track Frame CWTS (2) 50' Boom Insert	16' 8" 50'	1' 4" 6' 8"	2' 5' 8"	48,000 <u>4,200</u> 52,200	21 773 <u>1 900</u> 23 679	ALL	Tri Step
6.	50' Boom Insert	50'	6' 8"	5' 8"	4,200	1 906	ALL	Tand HB
7.	50' Boom Insert	50'	6' 8"	5' 8"	4,200	1 906	ALL	Tand HB
Extra Boom (If required)								
8.	10' Boom Insert	10'	6' 8"	5' 8"	840	381	ALL	Tand HB
9.	30' Boom Insert	30'	6' 8"	5' 8"	2,520	1 143	ALL	Tand HB
10.	40' Boom Insert	40'	6' 8"	5' 8"	3,360	1 524	ALL	Tand HB

STERLING CRANE

BOOM COMPOSITION

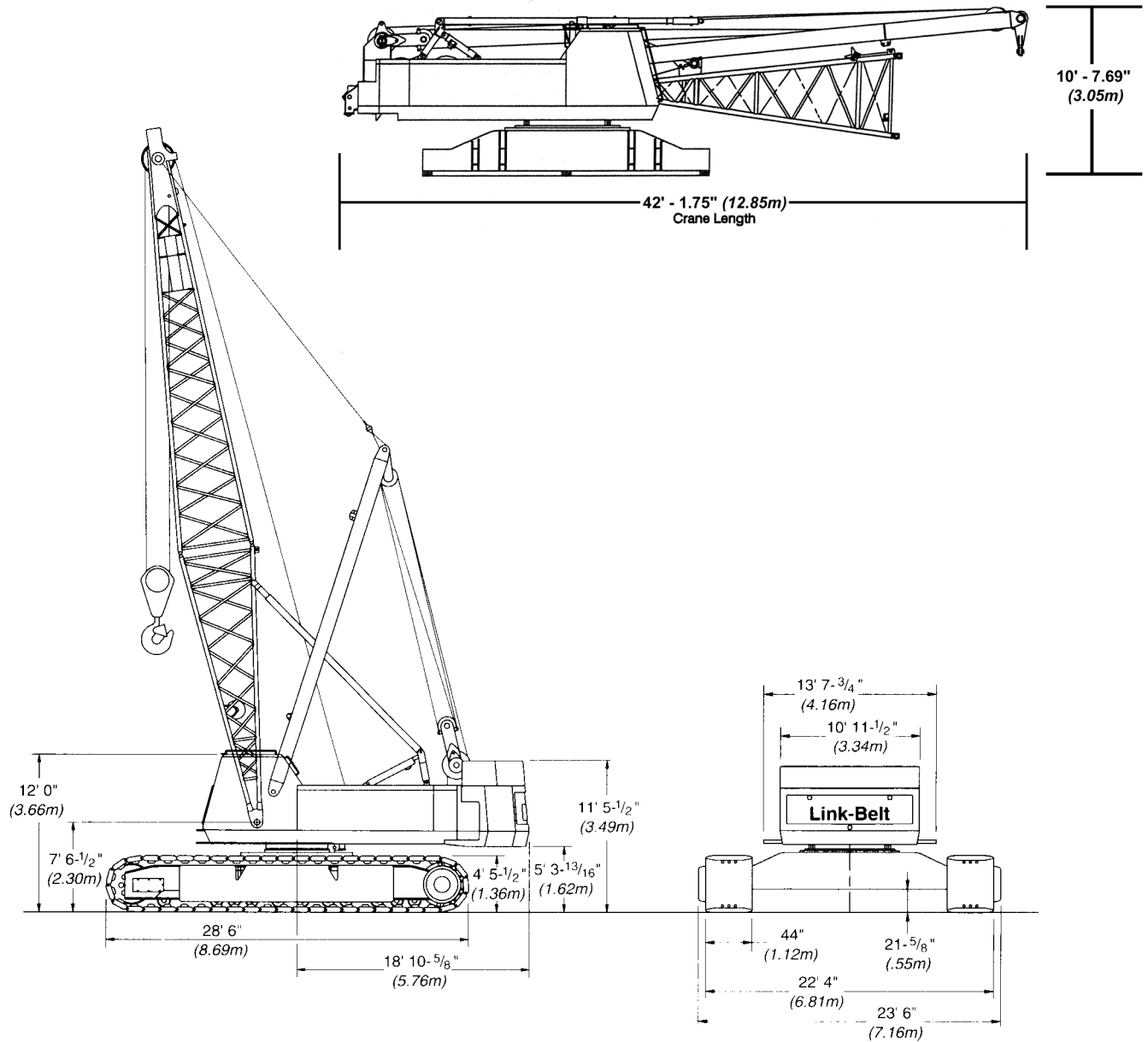
Boom Length In Feet	20 Ft. (6.1 M) Butt	10 Ft. (3.0 M) Insert	30 Ft. (9.1 M) Insert	40 Ft. (12.2 M) Insert	50 Ft. (15.2 M) Insert	30 Ft. (9.1 M) Top
50' (15.2 M)	1	-	-	-	-	1
60' (18.2 M)	1	1	-	-	-	1
80' (24.4 M)	1	-	1	-	-	1
90' (27.4 M)	1	1	1	-	-	1
100' (30.5 M)	1	-	-	-	1	1
110' (33.5 M)	1	1	-	-	1	1
120' (36.6 M)	1	-	1	1	-	1
130' (39.6 M)	1	-	1	-	1	1
140' (42.7 M)	1	1	1	-	1	1
150' (45.7 M)	1	-	-	-	2	1
160' (48.8 M)	1	1	-	-	2	1
170' (51.8 M)	1	-	1	1	1	1
180' (54.9 M)	1	-	1	-	2	1
190' (57.9 M)	1	1	1	-	2	1
200' (61.0 M)	1	1	-	1	2	1
210' (64.0 M)	1	1	-	-	3	1
220' (67.1 M)	1	-	1	1	2	1
230' (70.1 M)	1	1	1	1	2	1
240' (73.2 M)	1	-	-	1	3	1
250' (76.2 M)	1	1	-	1	3	1
280' (85.3 M)	1	1	1	1	3	1

STERLING CRANE

JIB COMPOSITION

JIB LENGTH IN FEET	15 Ft. (4.5 M) Butt	10 Ft. (3.0 M) Insert	20 Ft. (6.1 M) Insert	15 Ft. (4.5 M) Top
30' (9.1 M)	1	-	-	1
40' (12.2 M)	1	1	-	1
50' (15.2 M)	1	-	1	1
60' (18.3 M)	1	1	1	1
70' (21.3 M)	1	-	2	1
80' (24.4 M)	1	1	2	1
90' (27.4 M)	1	-	3	1
100' (30.5 M)	1	1	3	1

STERLING CRANE



Shown with side frame auxiliary counterweights. Not to Scale

General dimensions	feet	meters
Basic boom length	50	15.24
Overall width of machine with 44" (1.12 m) track shoes	22.5	6.85
Overall width of cab w/catwalks both sides	13.64	4.15
Overall width of cab less catwalks	10.95	3.34

General dimensions	feet	meters
Tailswing of counterweight "A"	16.80	5.12
Tailswing of counterweight "AB"	18.89	5.76
Tailswing of counterweight "ABC"	18.89	5.76
Overall height for transport w/boom base	13.31	4.05
Overall height for transport w/live mast only	13.31	4.05