



# NATIONAL CRANE

## 13110H

### PRODUCT DESCRIPTION

The 1300H provides a 30 ton capacity and a four-section 110 ft. boom. The crane also features the new "Easy Reach" control panel with pilot-operated hydraulics. Dual "H" style outriggers offer excellent stability and allow full-span, mid-span, and retracted-span lifting capabilities.

### FEATURES

- Three- and four-section booms
- 30 ton maximum capacity
- 110 ft. maximum boom length
- 25-44 ft. boom extension
- 163 ft. maximum tip height
- "Easy Reach" control panel
- Pilot-operated hydraulics

### ACCESSORIES

- Radio Remote Controls
- Heavy-duty Personnel Basket
- Hydraulic Oil Cooler
- Steel Tool Box Options
- Bulkhead Options

### MODEL 13110H

Equipped with a 33 to 110 ft (10.05-33.52 m) four-section boom. This model can be equipped with a 25-44 ft (7.62-13.41 m) two-section jib. Maximum tip height w/44 ft (13.41 m) jib is 163 ft (49.68 m).



13110H on Sterling LT9513 Tri-Drive



Rear View



Rear View

### Load Rating: Series 13110H with 25-44 ft Jib / Fullspan Outrigger & Stabilizer

32 ft - 110 ft BOOM RATED LOADS WITHOUT JIB															
LOADED RADIUS (ft)	LOADED BOOM ANGLE (deg)	32 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	A 46 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	B 62 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	C 78 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	D 94 ft BOOM (lb)	LOADED BOOM ANGLE (deg)	110 ft BOOM (lb)			
6	76.7	*60,000													
8	72.5	43,000	78.6	29,100											
10	68.5	35,900	76.1	29,000											
12	64.4	32,000	73.6	29,000	78	26,000									
15	57.9	27,000	69.5	24,000	76.1	23,000	80	19,500							
20	45.9	19,500	62.5	18,300	71.1	17,500	76.4	17,500	80	16,300					
25	30.6	14,900	55	14,500	65.9	14,050	72.4	14,000	76.8	13,700	79.3	10,450			
30			46.3	12,000	60.8	11,600	68.2	11,500	73.4	11,350	76.5	9,150			
35				9,450	54.8	9,800	64	9,700	70.1	10,600	74.1	8,950			
40			23.9	7,250	48.5	8,100	59.6	8,300	66.7	8,450	71.2	7,700			
45					42	6,550	55.4	7,000	63.3	6,900	68.7	6,950			
50					34	5,300	50.4	5,550	59.4	5,650	65.6	5,900			
55						23.8	4,300	45	4,550	55.4	4,700	62.3	4,900		
60								39	3,700	51.3	3,800	58.9	4,000		
65									32.1	3,000	46.8	3,100	55.4	3,300	
70										23.5	2,350	42.1	2,550	51.8	2,700
75											36.9	2,050	48.1	2,200	
80											30.9	1,650	44.2	1,750	
85											23.4	1,250	39.9	1,400	
90											11.9	900	35.2	1,050	
95													29.9	750	
100													23.4	500	
	0	8,000	0	4,800	0	2,600	0	1,200	0	850					

### 25 - 44 ft JIB RATED LOADS

LOADED RADIUS (ft)	LOADED BOOM ANGLE (deg)	25 ft JIB (lb)	LOADED BOOM ANGLE (deg)	44 ft JIB (lb)
40	77.4	4,400		
45	75.8	4,400		
50	73.6	4,100	76.7	2,700
55	69.5	1,900	75.1	2,650
60	66.6	1,450	73.2	2,500
65	63.8	1,000	71.1	2,300
70	60.8	600	69.2	1,250
75			64.5	750
80			61.7	500

### RATED LOAD REDUCTIONS WITH STOWED JIB

BOOM LENGTH (ft)	25 - 44 ft JIB STOWED
32	Reduce load 800 lb
46	Reduce load 600 lb
62	Reduce load 450 lb
78	Reduce load 350 lb
94	Reduce load 300 lb
110	Reduce load 250 lb

\*SHADED AREAS ARE STRUCTURALLY LIMITED CAPACITIES



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