



TRANSPORTATION SPECS - Conventional Truck Cranes

AMERICAN MODEL 4460 - 45 TON CAPACITY

<u>COMPONENT WEIGHTS</u>	<u>LBS.</u>	<u>KGS.</u>	<u>BOOM TYPE 47 40' MIN. / 150' MAX.</u>	<u>LBS.</u>	<u>KGS.</u>
Complete Crane c/w 40' Boom (incl. block & ball)	94,485	42 870	O.D. (tubular) 47 ½X 47 ½		
			Butt 20'	1,800	817
House, butt, carrier c/w outriggers (1)	75,000	34 029	Tip 20' c/w Pendants	2,425	1 100
Counterweight	15,700	7 123	Insert 10' c/w Pendants	750	340
			Insert 20' c/w Pendants	1,250	567
			Insert 30' c/w Pendants	1,900	862
Certificate Weight		27 000	(See boom & jib section for composition details)		
<u>ADDITIONAL INFORMATION</u>			<u>JIB NO. 7HL 50' MAX.</u> (10' and 20' sections)		
45 Ton Block	910	413	OD (tubular) 27 ¾x 27 ¾	<u>LBS.</u>	<u>KGS.</u>
10 Ton Ball	450	204	50' c/w Pendants	1,525	692
Front Outrigger	1,000	454	<u>COUNTERWEIGHT TYPE – KM</u>		
Rear Outrigger	1,000	454	Main	15,700	7 123
Main Load Line (3/4" x 650')	676	307			
Auxiliary Hoist Line (3/4" x 450')	468	212			
Boom Suspension Line (5/8" x 385')	277	126			



TRANSPORTATION

Average Driving Speed 50 km/hr

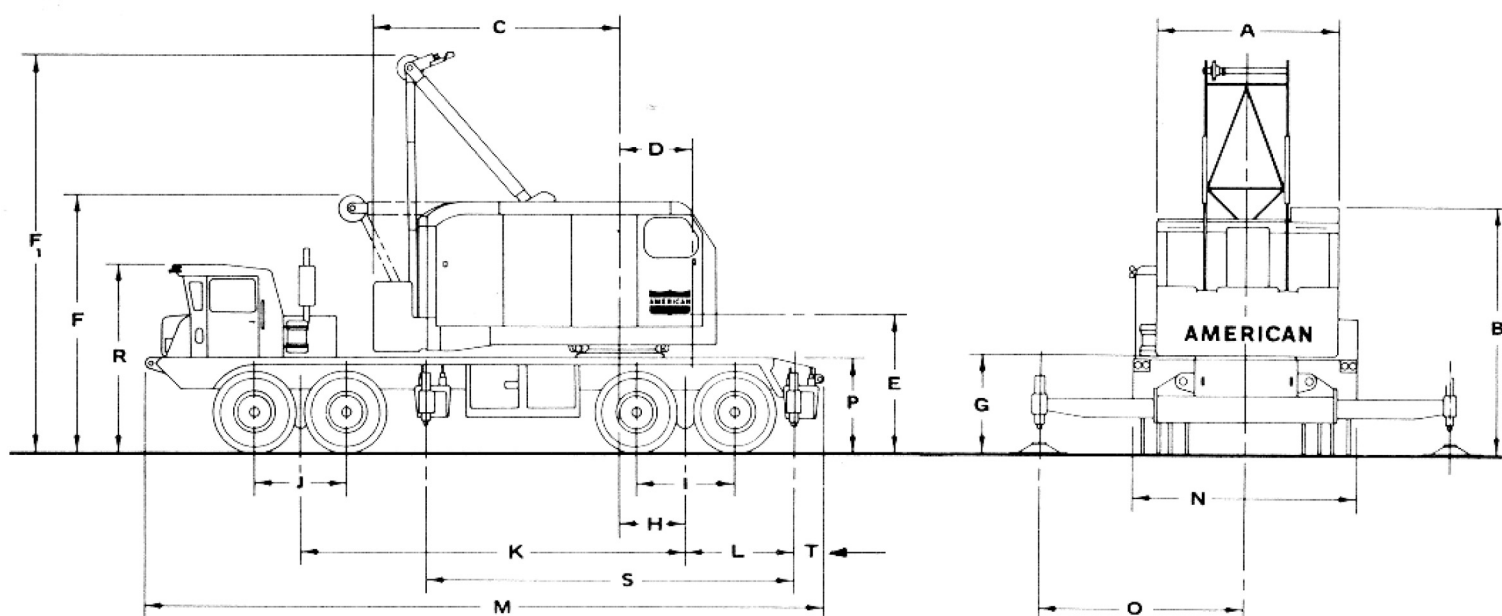
Boom and counterweights are normally removed and hauled separately. Boom may be hauled 2 wide and 2 high.

<u>Alberta</u>	<u>Weight</u>	<u>Trailer</u>
• Spring	(1)	20 wh
• Summer	(1)	LW 16 wh
• Winter	(1)	Tridem
<u>British Columbia</u>		
• Spring and Summer	(1)	7-axle
• Winter	(1)	Tridem
<u>Saskatchewan*</u>		
• Normally	(1)	Drive
• Road Ban Period	(1)	Drive- Restricted travel on some secondary roads

*Yearly permit required.



GENERAL DIMENSIONS



- A. Width of cab 9'0"
- B. Height to top of cab 12'1"
- C. Tail Swing 11'5"
- D. Centerline of rotation to centerline of boom foot 3'0"
- E. Ground to centerline boom foot 5'10"
- F. Height over A-Frame (lowered) 12'4"
- F1. Height over A-Frame (raised) 17'3"
- G. Ground to bottom of counterweight 4'8"
- H. Centerline of rotation to centerline of rear bogie 3'2-1/16"
- I. Distance between rear axles 4'6"
- J. Distance between front axles 4'6"
- K. Centerline of rear bogie to centerline of front bogie 18'4"

- L. Centerline of rear bogie to centerline of rear outrigger box 5' 3-7/16"
- M. Overall length 32' 2-1/2"
- N. Overall width 10'0"
- O. Outriggers extended w/screw jacks 9'10"
- O. Outriggers extended w/hydraulic outriggers 9'0"
- P. Height over mounting plate 4'4"
- R. Height over carrier cab 8' 10-1/4"
- S. Centerline of rear outrigger to centerline of front outrigger 16' 10-1/2"
- T. Centerline of rear outrigger to rear of carrier 1'0"
- Turning radius 54'0"
- Clearance (under rear equalizing beam) 12"
- Clearance (under rear differential) 13-3/4"



AMERICAN 47S BOOM COMPOSITION

Boom Length In Feet	20 Ft. 47S Inner	10 Ft. 47S Center	20 Ft. 47S Center	30 Ft. 47S Center	20 Ft. 47S Outer
40	1	-	-	-	1
50	1	1	-	-	1
60	1	-	1	-	1
70	1	-	-	1	1
80	1	1	-	1	1
90	1	-	1	1	1
100	1	-	-	2	1
110	1	1	-	2	1
120	1	-	1	2	1
130	1	-	-	3	1
140	1	1	-	3	1
150	1	-	1	3	1

AMERICAN 47H TUBULAR BOOM COMPOSITION

Boom Length In Feet	20 Ft. 47H Inner	10 Ft. 47H Center	20 Ft. 47H Center	30 Ft. 47H Center	20 Ft. 47H Outer
40	1	-	-	-	1
50	1	1	-	-	1
60	1	-	1	-	1
70	1	-	-	1	1
80	1	1	-	1	1
90	1	-	1	1	1
100	1	-	-	2	1
110	1	1	-	2	1
120	1	-	1	2	1
130	1	-	-	3	1
140	1	1	-	3	1
150	1	-	1	3	1
160	1	-	-	4	1



AMERICAN BOOM – SECTION WEIGHTS

Boom Sections c/w Pendants	47” S Tubular		59” S & H Tubular		77” S & H Tubular		92” HT & HD Tubular	
	LBS.	KGS.	LBS.	KGS.	LBS.	KGS.	LBS.	KGS.
Butt (Inner)	1,819	825	2,403	1 090	4,409	2 000	8,488	3 850
10 Foot	706	320	948	430	1,422	645	1,808	820
20 Foot	1,235	560	1,713	777	2,447	1 110	3,550	1 610
30 Foot	1,885	855						
40 Foot			2,921	1 325				
50 Foot					5,457	2 475	5,953	2 700
50 Foot XHD							7,297	3 310
Transition			1,433	650	2,999	1 360		
Taper Tip	2,095	950	2,205	1 000	3,417	1 550	11,133	5 050
Hammerhead			2,800	1 270	6,041	2 740		
Load Block			1,488	675 (60T)				

JIB SECTIONS		LBS.	KGS.
#7HL	30 Foot Basic Jib Assembly	1,259	570
	10’ Section	199	90
	20’ Section	386	175
#9HL	40 Foot Basic Jib Assembly	1,720	780
	10’ Section	199	90
	20’ Section	386	175
#15	30 Foot Basic Jib Assembly	1,951	885
	10’ Section	298	135
#16HL	40 Foot Basic Jib Assembly	2,624	1 190
	10’ Section	243	110
	20’ Section	518	235
#30	25 Foot Basic Jib Assembly	TBD	TBD
	10’ Section	TBD	TBD