TEREX®

3147 S. 17th St, Wilmington, NC 28412

MODEL: 7260 B

SERIAL NUMBERS: GS17810

RATING CHART COVER SHEET

This chart contains your crane ratings:

46H Angle Boom Ratings in Pounds

Sheet 7260.35

Model 7260 Crawler Crane
46H Angle Boom
24,700 Pounds Counterweight

For all adjustments, maintenance and other services, please refer to your *Operator's Manual* for complete instructions.

Model 7260 Crawler Crane - Ratings In Pounds
46H Angle Boom
24,700 Pound Counterweight

BOOM LENGTH	RADIUS (FEET)	BOOM ANGLE (DEGREES)	LIFT CRANE RATINGS (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
40'	11	80.1	150,000 *	45
(12.2M)	12	78.7	150,000 *	45
BOOM	15	74.2	128,350	44
	20	66.6	77,930	42
	25	58.5	55,550	39
	30	49.7	42,930	36
	35	39.5	34,790	31
	40	26.3	29,130	23
50'	12	80.9	150,000 *	55
(15.2M)	15	77.4	128,300	54
BOOM	20	71.5	77,800	53
	25	65.3	55,400	51
	30	58.8	42,760	48
	35	51.9	34,600	45
	40	44.2	28,910	40
	50	23.4	21,550	25
60'	14	80.5	146,430 *	65
(18.3M)	15	79.6	128,210	64
BOOM	20	74.7	77,670	63
	25	69.6	55,250	62
	30	64.4	42,610	59
	35	59.0	34,440	57
	40	53.3	28,730	53
	50	40.1	21,390	44
	60	21.4	16,760	27
70'	16	80.2	113,490	74
(21.3M)	20	76.9	77,490	74
BOOM	25	72.7	55,040	72
	30	68.3	42,410	70
	35	63.8	34,220	68
	40	59.2	28,510	65
	50	49.0	21,170	58
	60	37.0	16,540	47
	70	19.8	13,380	29

BOOM LENGTH	RADIUS (FEET)	BOOM ANGLE (DEGREES)	LIFT CRANE RATINGS (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
80' (24.4M) BOOM	17	80.7	101,750	84
	20	78.6	77,330	84
	25	74.9	54,880	83
	30	71.1	42,250	81
	35	67.3	34,050	79
	40	63.4	28,340	77
	50	55.0	21,010	71
	60	45.7	16,370	63
	70	34.6	13,210	51
	80	18.5	10,920	31
90' (27.4M) BOOM	19	80.5	83,920	94
	20	79.8	77,130	94
	25	76.6	54,670	93
	30	73.3	42,030	92
	35	69.9	33,820	90
	40	66.5	28,100	88
	50	59.3	20,780	83
	60	51.6	16,130	76
	70	43.0	12,960	67
	80	32.5	10,660	54
	90	17.4	8,930	32
100' (30.5M) BOOM	20	80.9	76,930	104
	25	77.9	54,450	103
	30	75.0	41,820	102
	35	72.0	33,600	100
	40	69.0	27,870	99
	50	62.7	20,570	94
	60	56.0	15,920	88
	70	48.8	12,740	81
	80	40.7	10,440	70
	90	30.8	8,700	57
	100	16.5	7,340	34
110' (33.5M) BOOM	22	80.7	66,020	114
	25	79.1	54,220	113
	30	76.4	41,600	112
	35	73.7	33,360	111
	40	71.0	27,620	109
	50	65.3	20,330	105
	60	59.5	15,670	100
	70	53.2	12,490	93
	80	46.4	10,190	85
	90	38.7	8,440	74
	100	29.4	7,070	59
	110	15.7	5,980	35

BOOM LENGTH	RADIUS (FEET)	BOOM ANGLE (DEGREES)	LIFT CRANE RATINGS (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
120' (36.6M) BOOM	23	80.9	61,400	124
	25	80.0	54,030	124
	30	77.6	41,400	123
	35	75.1	33,150	121
	40	72.6	27,410	120
	50	67.5	20,130	116
	60	62.2	15,470	112
	70	56.7	12,290	106
	80	50.8	9,970	98
	90	44.3	8,230	89
	100	37.0	6,860	77
	110	28.1	5,760	62
	120	15.1	4,870	37
130' (39.6M) BOOM	25	80.8	53,800	134
	30	78.5	41,170	133
	35	76.3	32,920	132
	40	74.0	27,160	130
	50	69.3	19,890	127
	60	64.5	15,220	123
	70	59.5	12,040	117
	80	54.3	9,720	111
	90	48.7	7,970	103
	100	42.5	6,600	93
	110	35.5	5,490	81
	120	27.0	4,590	64
	130	14.5	3,850	38
140' (42.7M) BOOM	27	80.6	47,900	143
	30	79.3	40,950	143
	35	77.3	32,690	142
	40	75.2	26,920	141
	50	70.9	19,660	138
	60	66.5	14,990	134
	70	61.9	11,800	129
	80	57.2	9,490	123
	90	52.2	7,730	116
	100	46.8	6,350	107
	110	40.9	5,240	97
	120	34.1	4,340	84
	130	26.0	3,590	67
	140	13.9	2,860	39

BOOM LENGTH	RADIUS (FEET)	BOOM ANGLE (DEGREES)	LIFT CRANE RATINGS (POUNDS)	FROM BOOM POINT TO GROUND (FEET)
150' (45.7M) BOOM	28	80.8	45,140	153
	30	80.1	40,730	153
	35	78.1	32,440	152
	40	76.2	26,670	151
	50	72.2	19,420	148
	60	68.1	14,740	145
	70	64.0	11,540	140
	80	59.6	9,220	135
	90	55.1	7,470	128
	100	50.3	6,090	121
	110	45.1	4,990	112
	120	39.4	4,080	101
	130	33.0	3,240	87
	140	25.1	2,500	69
	150	13.5	1,870	40
160' (48.8M) BOOM	30	80.7	40,510	163
	35	78.9	32,220	162
	40	77.0	26,450	161
	50	73.3	19,200	159
	60	69.6	14,520	155
	70	65.7	11,320	151
	80	61.7	9,000	146
	90	57.5	7,240	140
	100	53.2	5,860	133
	110	48.6	4,750	125
	120	43.6	3,830	116
	130	38.1	2,950	104
	140	31.9	2,200	90
	150	24.3	0	71
	160	13.0	0	41

⚠ WARNING

This rating chart is invalid if the crane has been modified or altered by use of other than GENUINE AMERICAN PARTS as such modifications or alterations may affect its capacity or safe operation. See American Crane Corporation Service Bulletin #259.

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499 of Operator's Manual, can cause tipping, structural damage or catastrophic failure.

Asterisk (*) areas on this chart indicate ratings which are limited by strength of material or factors other than stability (tipping).

* RADIUS IN FEET * is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with jib in place, the main fall ratings must be reduced by the jib effective weight shown on the jib rating chart plus twice the weight of all suspended blocks, slings, rope, etc., at the jib fall. See Appendix A.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads. See Appendix A.

This chart was developed exclusively for use with a boom only. Under no circumstances are these ratings to be interpreted for use with a jib.

Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions, improper inflation of rubber tires and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgement to make allowance for these conditions. See page 3499 of Operator's Manual for detailed information.

No account is taken of the wind force on the load. This effect, which can be substantial for loads with large surface areas, must be considered by the user. In any wind it is strongly recommended that taglines be used to control the load.

Combinations of boom or boom and jib with a total length exceeding 350' can be operated at full rated capacity only in wind speeds of 15 MPH or less. If lifts are to be performed in winds between 15 MPH and 25 MPH, ratings must be reduced 10%. No operation of the above combinations should be attempted in wind speeds over 25 MPH. The above limitations do not take into account loads with excessive surface area which are not restrained by tag lines.

BOOM HOIST LINE is 10 parts of 0.75 inch diameter 6x26, WS, FW, RAL, IWRC, EIPS wire rope with a minimum breaking strength of not less than 58,800 lbs.

BOOM PENDANT SUSPENSION is 2 parts of 1.375 inch MONOLAY high strength wire rope with a minimum breaking strength of 208,000 lbs.

MAIN LOAD LINE is 1 inch diameter 6x25, FW, RRL, IWRC, IPS wire rope with a minimum breaking strength of not less than 89,800 lbs.

MAXIMUM LIFTING CAPACITY - LBS.	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE *	
		MAIN DRUM - RH	AUX DRUM - LH
150,000	6	95'	59'
128,280	5	115'	71'
102,630	4	143'	89'
76,970	3	191'	119'
51,310	2	287'	179'
25,660	1	575'	358'

* The "MAXIMUM HOISTING DISTANCE" listed above is for machines equipped with standard lift laggings. For machines equipped with other than standard lift laggings, consult factory for information.

Erection over the idler end is with A-Frame fully raised and idler tumblers blocked. Erection over the side is with A-Frame fully raised and side frames extended. Blocks, slings and other load carrying devices must be on the ground during erection.

The crane will self-erect 160' of 46H Angle Boom.

	MAXIMUM BOOM & JIB SELF-ERECTION DATA			
	OVER THE END		OVER THE SIDE	
	BOOM LENGTH	JIB LENGTH	BOOM LENGTH	JIB LENGTH
#6 Jib	160'	40'	160' 155'	30' 40'
#7HL JIB	160'	50'	160' 155'	30' 50'

	BOOM COMPOSITION CHART					
	BOOM SECTIONS					
BOOM LENGTH (FEET)	20' 46H INNER	5' 46H CENTER	10' 46H CENTER	20' 46H CENTER	40' 46H CENTER	20' 46H OUTER
40	1	0	0	0	0	1
45	1	1	0	0	0	1
50	1	0	1	0	0	1
55	1	1	1	0	0	1
60	1	0	0	1	0	1
65	1	1	0	1	0	1
70	1	0	1	1	0	1
75	1	1	1	1	0	1
80	1	0	0	0	1	1
85	1	1	0	0	1	1
90	1	0	1	0	1	1
95	1	1	1	0	1	1
100	1	0	0	1	1	1
105	1	1	0	1	1	1
110	1	0	1	1	1	1
115	1	1	1	1	1	1
120	1	0	0	0	2	1
125	1	1	0	0	2	1
130	1	0	1	0	2	1
135	1	1	1	0	2	1
140	1	0	0	1	2	1
145	1	1	0	1	2	1
150	1	0	1	1	2	1
155	1	1	1	1	2	1
160	1	0	0	0	3	1

IMPORTANT LOAD LIFTING RESTRICTIONS AND REGULATIONS

Crawlers and Truck Cranes

⚠ WARNING

**Study the following carefully.
Failure to observe any of the following limitations may result in serious structural or mechanical failure or accidents.**

Ratings have been established by American Crane on the basis of sound engineering methods and testing procedures. The machine complies with applicable U. S. Industry standards for stability and material strength factors. These standards require operation within rated capacities and in accordance with good operating practice, including the limitations shown on these pages and Page 100.

DO NOT EXCEED THE RATING OF THE MACHINE. Lifting loads greater than those shown on the rating chart or operation at positions not shown CAN CAUSE STRUCTURAL FAILURE, TIPPING OR COLLAPSE OF THE BOOM OR CRANE.

1. All ratings apply only to machines as originally manufactured and equipped but include machines on which repairs or replacements have been made in accordance with original specifications. American Crane shall have no responsibility for machines or components on which replacements have been made with parts or spares not manufactured by American Crane, or on which any unauthorized changes have been made, or which are operated after damage which has not been repaired. The safe handling of loads with a crane depends on ground conditions, boom length and radius. These factors as well as many others must be taken into consideration by the operator.

2. Ratings are based on the machine standing level on a firm, uniformly supporting surface. Level should be within 1/2% of true level and the supporting surface must be sufficiently firm to maintain this level under load. If the operating surface is not level, the crane should be removed and the foundation leveled before making a lift. If the operating surface is not sufficiently firm and stable, crane mats should be used to reduce soil loadings. If operation is necessary under adverse conditions, contact American Crane for further information before attempting operation.

3. For operation of land-based cranes (truck, crawler or wagon mounted) from a barge or other floating platform the above listed level requirements must be maintained throughout the lift cycle. In addition, other factors such as securing the crane to the platform must be considered by the user. Contact American Crane for further information.

4. Under certain conditions cranes can be overturned without a load. This can be prevented by observing the rating chart and avoiding boom positions which show no load ratings.

5. The rating charts apply up to maximum wind speeds as indicated in the table below. This table lists the maximum wind velocity for which ratings apply. These wind speeds refer to steady winds or gusts where the maximum wind speeds reached are the magnitudes stated. Velocities must be measured at a point equivalent to the highest boom or jib elevation and should be taken at some location in close proximity to the crane. **No account is taken of the wind force on the load.** This effect, which is substantial for loads with large surface areas, must be considered by the user and ratings reduced accordingly. For more information contact American Crane.

WIND SPEED LIMITATIONS

Boom Size	Boom or Boom Plus Jib	Operation	No operation. Lower boom to 50-60 degrees. Position rear of crane into wind.	Lower or secure boom
37"	0-140' (0-42.3m)	0-30 mph (0-13.4 mps)	30-50 mph (13.4-22 mps)	Over 50 mph (22.4 mps)
37"	Over 140' (0-42.3m)	0-20 mph (0-8.9 mps)	20-30 mph (8.9-13.4 mps)	Over 30 mph (13.4 mps)
46"-47"	0-170' (0-51.8m)	0-30 mph (0-13.4 mps)	30-50 mph (13.4-22 mps)	Over 50 mph (22.4 mps)
46"-47"	Over 170' (51.8m)	0-20 mph (0-8.9 mps)	20-30 mph (8.9-13.4 mps)	Over 30 mph (13.4 mps)
58"-59"	0-220' (0-67.1m)	0-30 mph (0-13.4 mps)	30-50 mph (13.4-22 mps)	Over 50 mph (22.4 mps)
58"-59"	Over 220' (67.1m)	0-30 mph (0-13.4 mps)	30-50 mph (13.4-22 mps)	Over 50 mph (22.4 mps)
77"	0-290' (0-88.4m)	0-30 mph (0-13.4 mps)	30-50 mph (13.4-22 mps)	Over 50 mph (22.4 mps)
77"	Over 290' (88.4m)	0-20 mph (0-8.9 mps)	20-30 mph (8.9-13.4 mps)	Over 30 mph (13.4 mps)
92"-94"-118"	0-360' (0-109.8m)	0-30 mph (0-13.4 mps)	30-50 mph (13.4-22 mps)	Over 50 mph (22.4 mps)
92"-94"-118"	Over 360' (109.8m)	0-20 mph (0-8.9 mps)	20-30 mph (8.9-13.4 mps)	Over 30 mph (13.4 mps)
130"	0-400' (0-122m)	0-30 mph (0-13.4 mps)	30-50 mph (13.4-22 mps)	Over 50 mph (22.4 mps)
130'	Over 400' (122m)	0-20 mph (0-8.9 mps)	20-30 mph (8.9-13.4 mps)	Over 30 mph (13.4 mps)

6. Crawler sideframes and truck or wagon crane outriggers must be fully extended and set to maximum width to obtain ratings listed for such on the chart. When operating in the "FREE" condition without outriggers on a truck or wagon crane, the boom must never be operated at radii for which no ratings are shown in the "Outriggers Free-Over The Side" area of the chart. Tires must be in good condition and properly inflated for operation. For truck cranes equipped with a front outrigger jack, the ratings designated "Outriggers Set-Over Side" can be used for 360 degree rotation.

7. Do not lift over the front of a truck crane either with or without outriggers. See diagrams on next page for definition of working areas with various types of cranes. If such a lift is unavoidable, consult American Crane for special instructions and suitably reduced ratings.

8. NEVER SIDELOAD THE BOOM. Such sideloading can cause structural failure or collapse. Always keep the boom point directly over the load to avoid sideloading. Operating the crane while out of level or in high winds as well as dragging a load sideways by swinging or pulling on a load while it is partially or fully attached to a structure are all causes of sideloading and must be avoided.

(Continued)

9. The A-Frame must be in the fully raised position for lifting all rated loads. (Sky Horse operation is an exception). Do not operate with the A-Frame in any intermediate (partially raised) position.

10. Check brakes, clutches, and rigging daily and before any heavy lifts. Brakes and clutches must be dry, well adjusted and free from oil. Do not lift load or bucket after the machine has been standing during damp weather without first riding the brakes to evaporate moisture. All wire rope should be checked for wear and stranding and should be replaced if it is defective.

11. Disengage the master clutch before leaving the machine.

12. Never lift or release a load when the boom is solid against the boom stops.

13. Do not leave the operator's seat with the bucket or load suspended. Cooling of the brakes and brake drum may release the brake bands allowing the load to fall. Avoid traveling with a suspended load. When such travel is necessary, keep the load from swinging. Keep feet on the brake pedals while propelling the machine. Jarring of the load may cause the brakes to slip. When the machine is equipped with spring-set, air-released auxiliary brake chambers, the control valve should be placed in the "Brake Set" position so the brakes are engaged by the springs when holding the load or traveling. Reduced ratings must be used when traveling on grades to compensate for changes in stability, load radius, and sideloading of the boom. When traveling uphill, lower the boom to prevent it from falling backward.

14. Lowering against the torque converter (whereby the load runs the machinery backwards) should only be used for inching down loads. Place the sprag clutch flipper valve in the "Sprag Out, Dog In" position and disconnect the tailshaft governor cable at the torque converter on machines so equipped. Excessive lowering speed must be controlled by increasing engine RPM. In extreme cases, it is possible to stall the engine and cause the load to free fall. Keep a foot on the hoist brake pedal and be prepared to apply the brake quickly and smoothly. Be sure to reconnect tailshaft governor cable for duty cycle operation.

15. Detailed instructions for operating and maintenance are given elsewhere in this manual. Read and study the operating instructions carefully.

16. Cranes can self-erect all boom or boom-jib combinations shown on the rating chart unless specifically stated otherwise. During erection the A-Frame must be fully raised and all load-carrying devices must be on the ground. On truck cranes the outriggers must be fully extended and set and the boom erected over the rear of the carrier to achieve maximum capability. On a crawler crane the boom must be erected directly over the idler end of the crawler sideframes with the idler tumblers securely blocked to achieve maximum capability. When erecting over the side of a crawler the sideframes must be fully extended.

17. When two cranes are making a lift together, both cranes must be level. The rigging must be designed so that each crane is lifting a share of the load which is well within its rating. The swing brakes of both machines must be released so that the boom points are free to remain directly over their load attachment points at all times. This can be a dangerous procedure and should be attempted only after substantial planning.

18. **PERSONNEL LIFTING**

⚠ WARNING

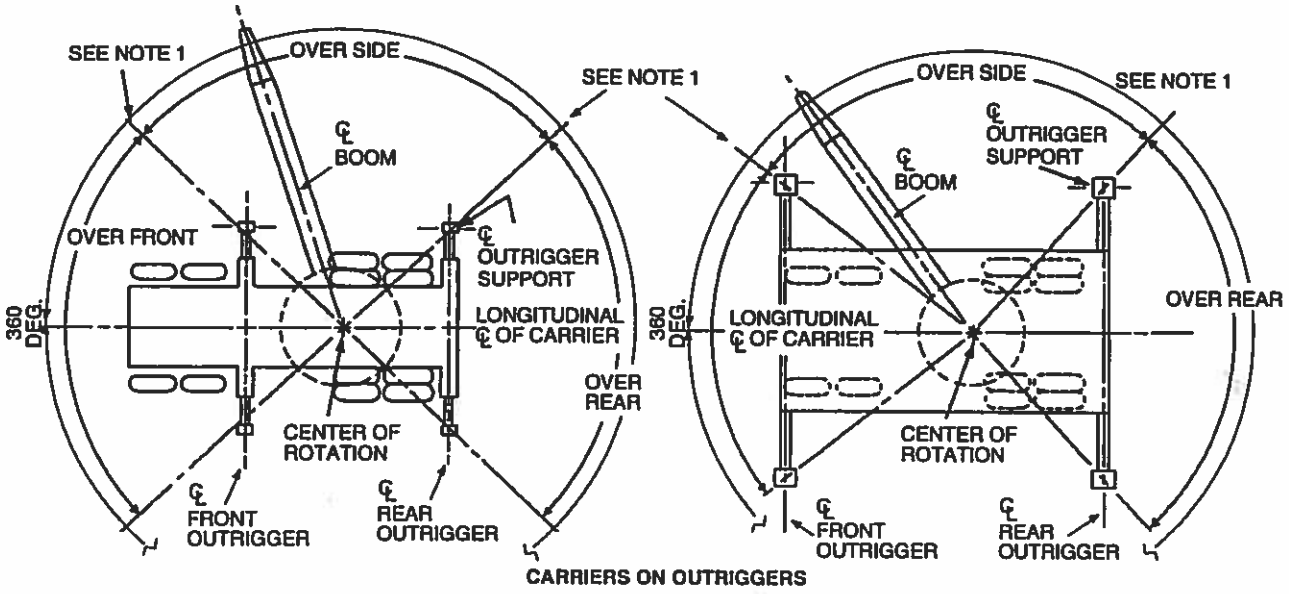
THIS MACHINE IS NOT INTENDED TO BE USED AS A PERSONNEL HOIST! IF SUCH USE IS ALLOWED BY LOCAL, STATE OR FEDERAL REGULATIONS, THE OWNER OR USER IS RESPONSIBLE FOR COMPLYING WITH SUCH REGULATIONS AND ANY OTHER APPLICABLE REQUIREMENTS.

TO THE BEST OF OUR KNOWLEDGE, THIS WOULD REQUIRE THE CRANE TO BE EQUIPPED AS FOLLOWS TO MEET THE CURRENT ANSI/ASME B30.5-1982 OR LATEST REVISION.

1. **OVERHOISTING DEVICE TO PREVENT THE LOAD BLOCK/OVERHAUL BALL FROM HITTING THE BOOM POINT.**
2. **SINGLE LEVER CONTROL TO PREVENT ANY POSSIBILITY OF FREEFALL.**
3. **CONTROLLED LOAD LOWERING ON THE HOIST BEING UTILIZED TO LOWER THE MAN BASKET.**
4. **PERSONNEL SHALL NOT BE PERMITTED TO RIDE THE BARE HOOK OR LOAD SUSPENDED FROM THE HOOK.**

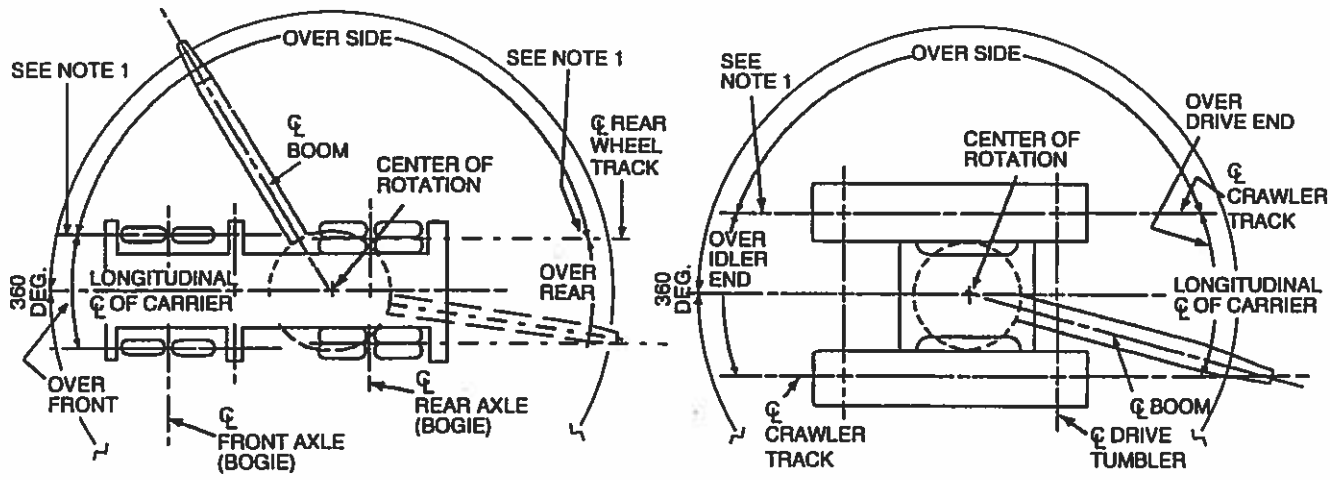
IMPORTANT: THE TOTAL WEIGHT OF THE LIFTED LOAD (INCLUDING PERSONNEL) SHALL NOT EXCEED 50% OF THE CRANE RATING WITH MACHINE EQUIPPED AS ABOVE; IT IS THE RESPONSIBILITY OF USER OF THIS CRANE TO ASSURE THAT THE FOOTING UNDER ALL THE OUTRIGGERS/CRAWLERS IS ADEQUATE TO SUPPORT THE CRANE AS ANY POSSIBILITY OF FREEFALLING THE LOAD HAS BEEN ELIMINATED.

19. BE SAFE. For any clarification or answers to additional questions contact American Crane before attempting operation.



FRONT OUTRIGGER BEHIND FRONT WHEELS

FRONT OUTRIGGER AHEAD OF FRONT WHEELS



CARRIER ON TIRES

CRAWLER TYPE LOWER

WORKING AREA DEFINITIONS

NOTE 1
These lines determine the limiting position of any load for operation within working areas indicated.

CALCULATING TOTAL LOAD WEIGHT

Crane's Lifted Load on Main Fall Includes:

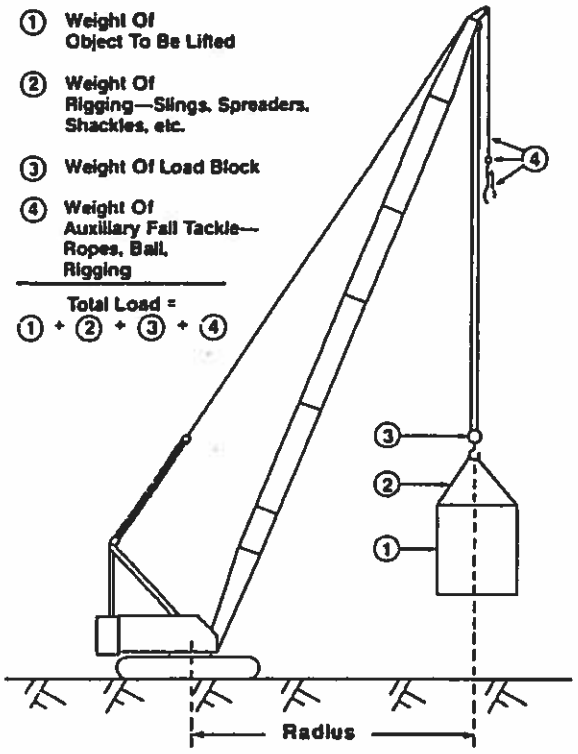
① Weight Of Object To Be Lifted

② Weight Of Rigging—Slings, Spreaders, Shackles, etc.

③ Weight Of Load Block

④ Weight Of Auxiliary Fall Tackle—Ropes, Ball, Rigging

Total Load = ① + ② + ③ + ④



Crane's Lifted Load on Main Fall Must Also Include Jib and Jib Tackle:

① Weight Of Object To Be Lifted

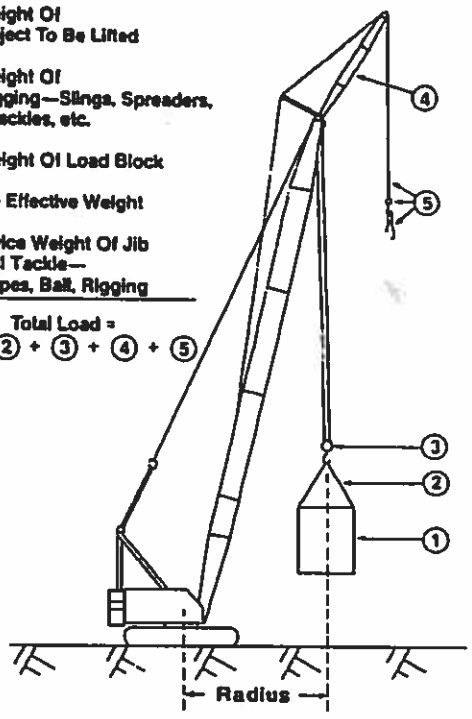
② Weight Of Rigging—Slings, Spreaders, Shackles, etc.

③ Weight Of Load Block

④ Jib Effective Weight

⑤ Twice Weight Of Jib Fall Tackle—Ropes, Ball, Rigging

Total Load = ① + ② + ③ + ④ + ⑤



Crane's Lifted Load on Jib Fall Includes:

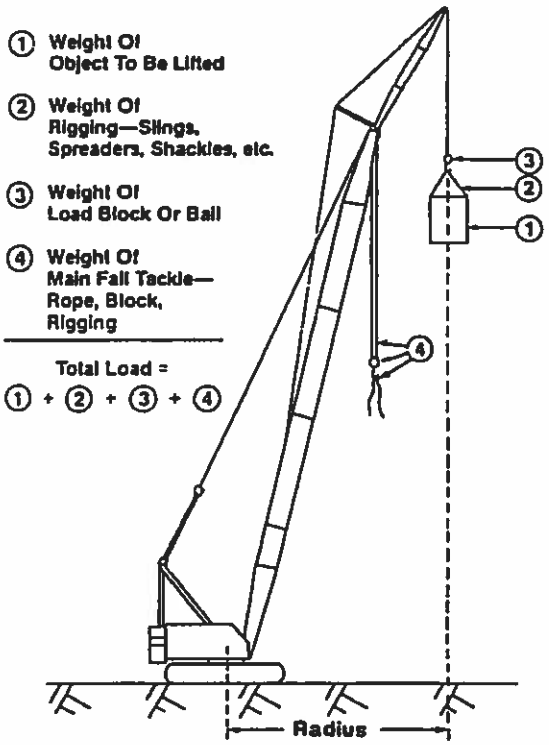
① Weight Of Object To Be Lifted

② Weight Of Rigging—Slings, Spreaders, Shackles, etc.

③ Weight Of Load Block Or Ball

④ Weight Of Main Fall Tackle—Rope, Block, Rigging

Total Load = ① + ② + ③ + ④



NOTE: The weight of the minimum parts of line required to lift the rated load has already been considered in this chart. It need not be added to the load. This applies only to the load fall being used. If additional parts of line are reeved beyond the minimum required to handle a rated load, or if a second fall is in place but not used, the weight of these ropes should be added to the weight lifted. Refer to the Crane Rating Chart and the Rope Weight Table on the back of this page for rope weight reference data.

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ROPE WEIGHT PER GIVEN LENGTH

Use the data in the table below when the total weight of the load being lifted is calculated according to one of the Total Load Formulas in Appendix "A", on the front side of this page.

For IPS, EIPS, or EEIPS Wire Ropes. For other ropes, consult specific chart or the rope manufacturer's own reference data or user's manual.

ROPE DIAMETER		WEIGHT OF ONE FOOT (OR ONE METER) OF ROPE	
IN MILLIMETERS	IN INCHES	LBS./FT.	Kg/M
12.7	1/2	.46	.68
15.9	5/8	.72	1.07
19.1	3/4	1.04	1.55
22.2	7/8	1.42	2.11
25.4	1	1.85	2.75
28.6	1-1/8	2.34	3.48
31.8	1-1/4	2.89	4.30
34.9	1-3/8	3.50	5.21
38.1	1-1/2	4.16	6.19
41.3	1-5/8	4.88	7.26
44.5	1-3/4	5.67	8.44
47.6	1-7/8	6.50	9.67
50.8	2	7.39	11.00
54.0	2-1/8	8.35	12.42
57.2	2-1/4	9.36	13.93
63.5	2-1/2	11.60	17.26
69.9	2-3/4	14.00	20.83

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MATERIAL	KG/CU. METER	KG/CU. FOOT	1 CU. YARD
Ashes - Piled Dry	560.70	35	945
Brick Bats	881.10	55	1485
Cement - Portland	1505.88	94	2538
Charcoal	400.50	25	695
Cinders	881.10	55	1485
Clinker - Portland Cement	1361.70	85	2295
Clay - Dry, In Lumps	1009.26	63	1701
Clay - Compact, Natural Bed	1746.18	109	2943
Coal - Anthracite	897.12	56	1512
Coal - Bituminous R of M Piled	881.10	55	1485
Coal - Bituminous Slack, Piled	801.00	50	1350
Coke - Blast Furnace Size	432.54	27	729
Coke - Foundry Size	448.56	28	756
Concrete - Ready to Pour	2370.96	148	3996
Dolomite - Crushed Fine	1521.90	95	2565
Dolomite - Broken Lump	1521.90	95	2565
Earth - Loamy, Dry Loose	1201.50	75	2025
Earth - Dry, Packed	1521.90	95	2565
Earth - Wet (Mud)	1762.20	110	2970
Flue Dust - Blast Furnace	1842.30	115	3105
Flue Dust - Blast Furnace, Wet	2403.00	150	4050
Gypsum - Crushed to 3"	1521.90	95	2565
Gypsum - Calcined	961.20	60	1620
Gravel - Dry, Loose	1762.20	110	2970
Gravel - Dry, Packed	1810.26	113	3051
Gravel - Wet, Packed	1922.40	120	3240
Iron Ore - 60% Iron	4806.00	300	8100
Iron Ore - 50% Iron	4005.00	250	6750
Iron Ore - 40 % Iron	3204.00	200	5400
Iron Punchings - Scrap	4325.40	270	7290
Iron Turnings - Scrap	2803.50	175	4725
Limestone - Run of Crushed	1521.90	95	2565
Limestone - Fines Out	1602.00	100	2700
Limestone - 1 1/2 or 2 Graded	1361.70	85	2295
Limestone - Above 2 Graded	1281.60	80	2160
Phosphate, Acid (Fertilizer)	1361.70	85	2295
Phosphate, Rock	1281.60	80	2160
Pyrites	2167.70	135	3645
Salt	929.16	58	1566
Sand - Dry, Loose	1521.90	95	2565
Sand - Wet, Packed	1922.40	120	3240
Scale - Rolling Mill, Wet	2114.64	132	3564
Shale - Broken	1361.70	85	2295
Slag - Blast Furnace, Broken	2210.76	138	3726
Slag - Open Hearth, Crushed	1682.10	105	2835
Slag - Granulated, Dry	606.76	38	1026
Slag - Granulated, Wet	929.16	58	1566
Snow	528.66	33	891
Sulphur - Broken	528.66	60	1620
Timber - Green Cedar	592.74	37	999
Douglas Fir	606.76	38	1026
Hemlock	656.82	41	1107
Southern Pine	881.10	55	1485
Spruce	576.72	36	972
Redwood	801.00	50	1350
Zinc Ore - Broken	2403.00	150	4050

FRACTION/DECIMAL CONVERSION

4THS	8THS	16THS	32NDS	64THS	TO 4 PLACES	TO 3 PLACES	TO 2 PLACES
				1/64	0.0156	0.016	0.02
			1/32		0.0312	0.031	0.03
				3/64	0.0469	0.047	0.05
		1/16			0.0625	0.063	0.06
				5/64	0.0781	0.078	0.08
			3/32		0.0938	0.094	0.09
				7/64	0.1094	0.109	0.11
	1/8				0.1250	0.125	0.13
				9/64	0.1406	0.141	0.14
			5/32		0.1562	0.156	0.16
				11/64	0.1719	0.172	0.17
		3/16			0.1875	0.188	0.19
				13/64	0.2031	0.203	0.20
			7/32		0.2188	0.219	0.22
				15/64	0.2344	0.234	0.23
1/4					0.2500	0.250	0.25
				17/64	0.2656	0.266	0.27
			9/32		0.2812	0.281	0.28
				19/64	0.2969	0.297	0.30
		5/16			0.3125	0.313	0.31
				21/64	0.3281	0.328	0.33
			11/32		0.3438	0.344	0.34
				23/64	0.3594	0.359	0.36
	3/8				0.3750	0.375	0.38
				25/64	0.3906	0.391	0.39
			13/32		0.4062	0.406	0.41
				27/64	0.4219	0.422	0.42
		7/16			0.4375	0.438	0.44
				29/64	0.4531	0.453	0.45
			15/32		0.4688	0.469	0.47
				31/64	0.4844	0.484	0.48
1/2					0.5000	0.500	0.50

4THS	8THS	16THS	32NDS	64THS	TO 4 PLACES	TO 3 PLACES	TO 2 PLACES
				33/64	0.5156	0.516	0.52
			17/32		0.5312	0.531	0.53
				35/64	0.5469	0.547	0.55
		9/16			0.5625	0.563	0.56
				37/64	0.5781	0.578	0.58
			19/32		0.5938	0.594	0.59
				39/64	0.6094	0.609	0.61
	5/8				0.6250	0.625	0.63
				41/64	0.6406	0.641	0.64
			21/32		0.6562	0.656	0.66
				43/64	0.6719	0.672	0.67
		11/16			0.6875	0.688	0.69
				45/64	0.7031	0.703	0.70
			23/32		0.7188	0.719	0.72
				47/64	0.7344	0.734	0.73
3/4					0.7500	0.750	0.75
				49/64	0.7656	0.766	0.77
			25/32		0.7812	0.781	0.78
				51/64	0.7969	0.797	0.80
		13/16			0.8125	0.813	0.81
				53/64	0.8281	0.828	0.83
			27/32		0.8438	0.844	0.84
				55/64	0.8594	0.859	0.86
	7/8				0.8750	0.875	0.88
				57/64	0.8906	0.891	0.89
			29/32		0.9062	0.906	0.91
				59/64	0.9219	0.922	0.92
		15/16			0.9375	0.938	0.94
				61/64	0.9531	0.953	0.95
			31/32		0.9688	0.969	0.97
				63/64	0.9844	0.984	0.98
1					1.0000	1.000	1.00