



ROADMASTER 9000

90t capacity class

Truck Crane

Datasheet

imperial

ROADMASTER 9000



WORKS FOR YOU.™

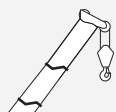


CONTENTS

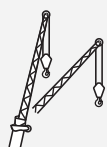
ROADMASTER 9000

Page:

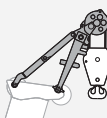
Dimensions	4
Specifications	6
Counterweight	7



Main boom	8
------------------------	---



Folding swing-away jib	12
-------------------------------------	----



















Boom head extension	15
----------------------------------	----













Technical description	18
------------------------------------	----



KEY

ROADMASTER 9000

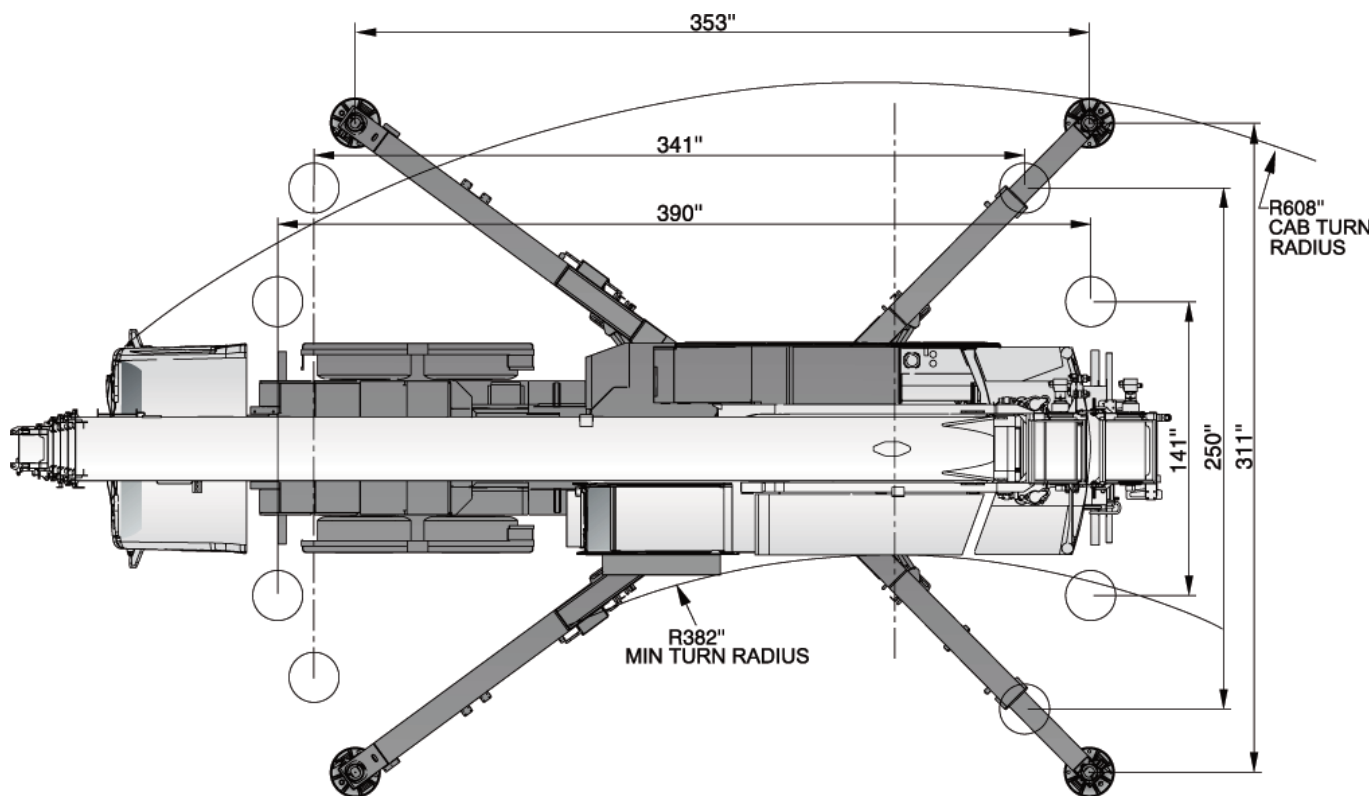
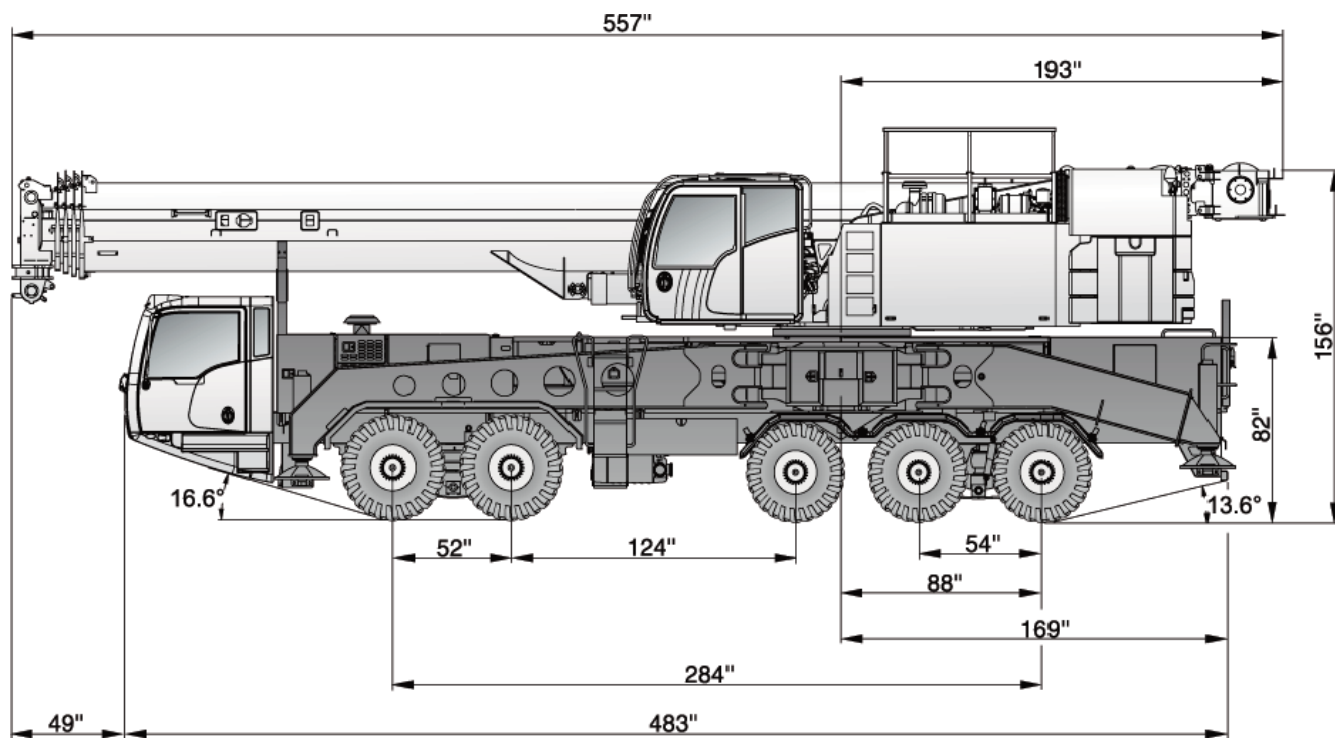
	Counterweight
	Lifting capacities on outriggers · 360°
	Radius
	Main boom
	Swing-away jib
	Boom head extension
	Max. axle loads
	Mechanism
	Tires
	Hook block
	Hoist
	Travel speed
	Gradeability – road %
	Slewing
	Boom telescoping
	Boom elevation

	Workings speeds
	Max. line pull
	Rope diameter
	Rope length
	Hook block (capacity-sheaves-rope diameter)
	Number of lines
	Possible load of hook block
	Weight of hook block
	Distance head sheave axle – hook ground
	Number of sheaves in boom head
	Supporting force
	Length of stroke (support cylinders)



DIMENSIONS

ROADMASTER 9000





SPECIFICATIONS

ROADMASTER 9000



Approximate Crane Weights

Base crane 50 m boom Includes 250 lb operator and full tank of fuel	Gross Vehicle Weight (lb)	Front Axles (lb)	Pusher Axle (lb)	Rear Axles (lb)	Dolly Axles** (lb)
	91,640	45,769		45,871	
CW A (on upper)	1,430	(419)		1,849	
CW B (on upper)	3,310	(970)		4,280	
CW C (on upper)	7,060	(2,070)		9,130	
CW F (attached)	10,360	(3,038)		13,398	
33' jib	2,127	1,759		368	
62' jib	3,185	2,634		551	
Hook block (100USt)	2,150	3,826		(1,676)	
Hook block (90USt)	2,150	3,826		(1,676)	
Hook block (75USt)	1,204	2,142		(939)	
Hook Block (30USt)	1,046	1,861		(815)	
Overhaul ball	360	563		(203)	
Auxiliary winch	2,756	(942)		3,698	
Optional 100 gallon fuel tank	188	106		82	
Pusher axle raised	2,200	772		1,428	
Pusher axle down*	2,200	(351)	1,000	(649)	
Counterweight Load Transfer					
CW A (on carrier deck)	1,430	1,175		255	
CW B (on carrier deck)	3,310	2,719		591	
CW C (on carrier deck)	7,060	5,800		1,260	
CW D (on carrier deck)	11,470	9,397		2,043	
CW E (on carrier deck)	13,230	10,868		2,362	

Approximate Crane Weights with 2 Axle Boom Dolly

Base crane 50 m boom Includes 250 lb operator and full tank of fuel	Gross Vehicle Weight (lb)	Front Axles (lb)	Pusher Axle (lb)	Rear Axles (lb)	Dolly Axles** (lb)
	91,640	39,198		35,704	16,738
Dolly	8,000				8,000
CW A (on carrier deck or upper)	1,540	1,175		255	
CW B (on carrier deck or upper)	3,310	2,719		591	
CW C (on carrier deck or upper)	7,060	5,800		1,261	
CW D (on carrier deck or upper)	11,440	9,415		2,046	
CW E (on carrier deck or upper)	13,230	10,772		2,341	
CW F (attached)	10,360	8,510		1,850	
33' jib	2,127	531		170	1,426
62' jib	3,185	795		254	1,950
Hook block (100USt)	2,150				2,150
Hook block (90USt)	2,150				2,150
Hook block (75USt)	1,204				1,204
Hook Block (30USt)	1,046				1,046
Overhaul ball	360				360
Auxiliary winch	2,756	2,792		36	
Optional 100 gallon fuel tank	188	106		82	
Pusher axle raised	2,200	772		1,428	
Pusher axle down*	2,200	(351)	1,000	(649)	

* per 1,000 lb of load on pusher axle, max 20,000 lb

** based on 8,000 lb dolly with effective boom support 81" from rear of frame



SPECIFICATIONS

ROADMASTER 9000

48 US t	58 US t	65 mph
	29.1"	

	445/65R22.5, 315/80R22.5
	27 %

1	377 ft/min	15 060 lb	0.71"	870 ft
2	377 ft/min	15 060 lb	0.71"	870 ft
	1.4 min ⁻¹			
	315 s (39.0-164.0 ft)			
	60 s (0° - 82°)			

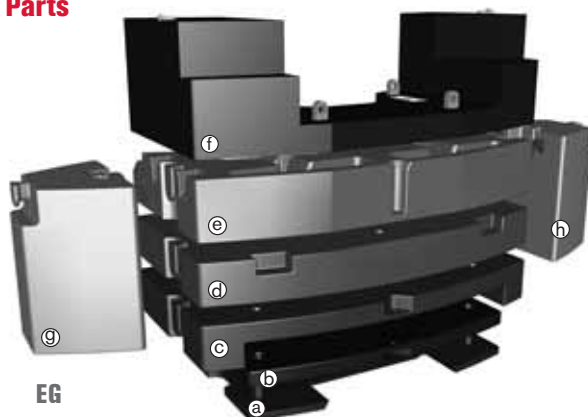
1	7 US t	12.1-0-18	5	352.8 lb	3.28 ft
2	15 US t	29.8-3-18	5	1045.0 lb	5.91 ft
3	22 US t	29.8-3-18	5	1045.0 lb	5.91 ft
4	29 US t	29.8-3-18	5	1045.0 lb	5.91 ft
5	36 US t	75.0-5-18	5	1203.8 lb	5.91 ft
6	43 US t	75.0-5-18	5	1045.0 lb	5.91 ft
7	51 US t	75.0-5-18	5	1045.0 lb	5.91 ft
8	57 US t	75.0-5-18	5	1045.0 lb	5.91 ft
9	64 US t	75.0-5-18	5	1045.0 lb	5.91 ft
10	71 US t	75.0-5-18	5	1045.0 lb	5.91 ft
11	78 US t	90-7-18	5 + S1	2149.5 lb	6.56 ft
12	84 US t	90-7-18	5 + S1	2149.5 lb	6.56 ft
13	90 US t	90-7-18	5 + S1	2149.5 lb	6.56 ft



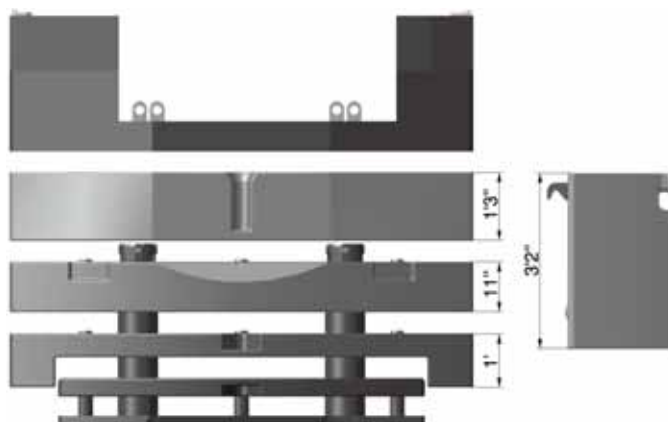
COUNTERWEIGHT

ROADMASTER 9000

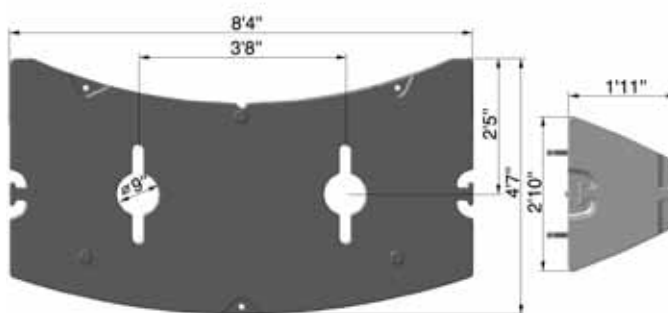
Parts



EG



NEG



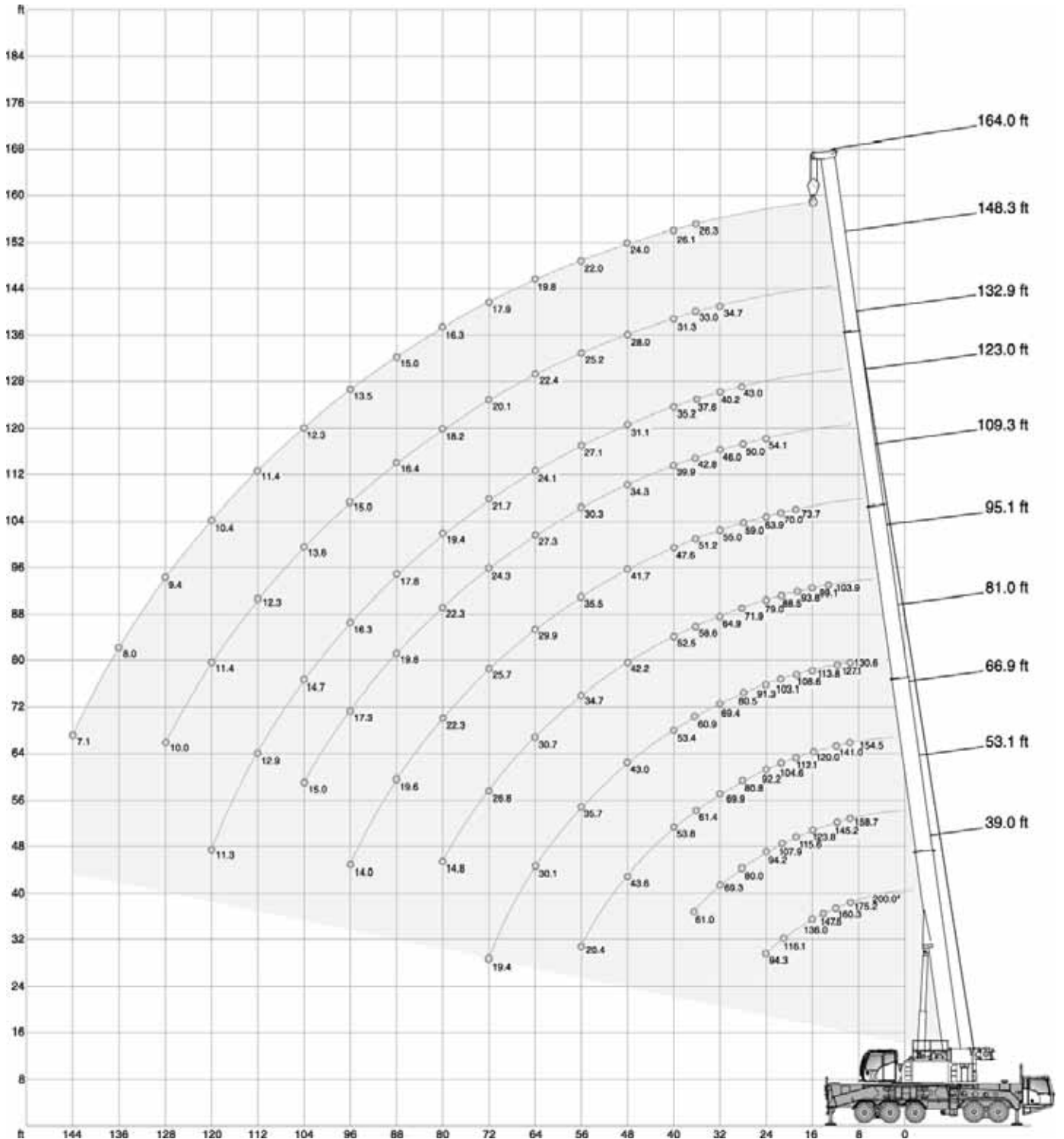
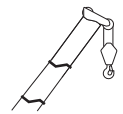
Configurations

	EG	NEG	(a) 1,540 lb	(b) 3,310 lb	(c) 7,060 lb	(d) 11,470 lb	(e) 13,230 lb	(f) 10,360 lb	(g) 5,290 lb	(h) 5,290 lb	(i) 10,360 lb
1,540 lb	X	X	X								
4,850 lb	X	X	X	X							
8,600 lb	X	X	X		X						
10,360 lb	X							X			
11,900 lb	X		X					X			
11,900 lb	X	X	X	X	X						
15,200 lb	X		X	X				X			
19,000 lb	X		X		X			X			
20,000 lb	X	X	X		X	X					
22,300 lb	X		X	X	X			X			
23,400 lb	X	X	X	X	X	X					
30,400 lb	X		X		X	X		X			
33,300 lb	X	X	X		X	X	X				
33,700 lb	X		X	X	X	X		X			
36,400 lb	X	X	X	X	X	X	X				
43,700 lb	X		X		X	X	X	X			
43,900 lb	X	X	X		X	X	X		X	X	
47,000 lb	X		X	X	X	X	X	X			
47,200 lb	X	X	X	X	X	X	X		X	X	
54,200 lb	X		X		X	X	X	X	X	X	
54,200 lb		X	X		X	X	X		X	X	X
57,500 lb	X		X	X	X	X	X	X	X	X	
57,500 lb		X	X	X	X	X	X		X	X	X



MAIN BOOM

ROADMASTER 9000





MAIN BOOM

ROADMASTER 9000

57,500 lb		26 ft x 29 ft 6 in (100%)										360°	85 %
ft	(0°) 39.0 ft	39.0 ft	53.1 ft	66.9 ft	81.0 ft	95.1 ft	109.3 ft	123.0 ft	132.9 ft	148.3 ft	164.0 ft	ft	
10	180,0	164,2	158,7	154,5	130,6	-	-	-	-	-	-	10	
12	160,3	150,1	145,2	141,0	127,1	-	-	-	-	-	-	12	
14	147,5	137,9	133,7	129,7	118,3	103,9	-	-	-	-	-	14	
16	136,0	127,3	123,8	120,0	113,8	99,1	-	-	-	-	-	16	
18	126,1	118,0	115,6	112,1	108,6	93,8	73,7	-	-	-	-	18	
20	116,1	109,1	107,9	104,6	103,1	88,5	70,0	-	-	-	-	20	
24	94,3	91,8	94,2	92,2	91,3	79,0	63,9	54,1	-	-	-	24	
28	-	-	80,0	80,8	80,5	71,9	59,0	50,0	43,0	-	-	28	
32	-	-	69,3	69,9	69,4	64,9	55,0	46,0	40,2	34,7	-	32	
36	-	-	61,0	61,4	60,9	58,6	51,2	42,8	37,6	33,0	26,3	36	
40	-	-	-	53,8	53,4	52,5	47,6	39,9	35,2	31,3	26,1	40	
48	-	-	-	43,6	43,0	42,2	41,7	34,3	31,1	28,0	24,0	48	
56	-	-	-	20,4	35,7	34,7	35,5	30,3	27,1	25,2	22,0	56	
64	-	-	-	-	30,1	30,7	29,9	27,3	24,1	22,4	19,8	64	
72	-	-	-	-	19,4	26,8	25,7	24,3	21,7	20,1	17,9	72	
80	-	-	-	-	-	14,8	22,3	22,3	19,4	18,2	16,3	80	
88	-	-	-	-	-	-	19,6	19,8	17,8	16,4	15,0	88	
96	-	-	-	-	-	-	14,0	17,3	16,3	15,0	13,5	96	
104	-	-	-	-	-	-	-	15,0	14,7	13,6	12,3	104	
112	-	-	-	-	-	-	-	-	12,9	12,3	11,4	112	
120	-	-	-	-	-	-	-	-	11,3	11,4	10,4	120	
128	-	-	-	-	-	-	-	-	-	10,0	9,4	128	
136	-	-	-	-	-	-	-	-	-	-	8,0	136	
144	-	-	-	-	-	-	-	-	-	-	7,1	144	

47,000 lb		26 ft x 29 ft 6 in (100%)										360°	85 %
ft	39.0 ft	53.1 ft	66.9 ft	81.0 ft	95.1 ft	109.3 ft	123.0 ft	132.9 ft	148.3 ft	164.0 ft	ft		
10	164,2	158,7	154,5	130,6	-	-	-	-	-	-	10		
12	150,1	145,2	141,0	127,1	-	-	-	-	-	-	12		
14	137,9	133,7	129,7	118,3	103,9	-	-	-	-	-	14		
16	127,3	123,8	120,0	113,8	99,1	-	-	-	-	-	16		
18	118,0	115,6	112,1	108,6	93,8	73,7	-	-	-	-	18		
20	108,9	107,6	104,6	103,1	88,5	70,0	-	-	-	-	20		
24	90,1	91,4	91,0	90,5	79,0	63,9	54,1	-	-	-	24		
28	-	76,4	77,9	77,5	71,9	59,0	50,0	43,0	-	-	28		
32	-	66,2	66,7	66,2	64,7	55,0	46,0	40,2	34,7	-	32		
36	-	58,1	58,6	58,1	57,2	51,2	42,8	37,6	33,0	26,3	36		
40	-	-	51,4	51,0	49,9	47,6	39,9	35,2	31,3	26,1	40		
48	-	-	41,4	41,0	40,1	41,0	34,3	31,1	28,0	24,0	48		
56	-	-	20,4	33,9	33,9	33,9	30,3	27,1	25,2	22,0	56		
64	-	-	-	28,5	29,4	28,4	27,3	24,1	22,4	19,8	64		
72	-	-	-	19,4	24,8	23,5	23,9	21,7	20,1	17,9	72		
80	-	-	-	-	14,8	20,0	20,0	19,3	18,2	16,3	80		
88	-	-	-	-	-	18,1	17,0	17,0	16,2	15,0	88		
96	-	-	-	-	-	14,0	15,0	14,5	14,2	13,5	96		
104	-	-	-	-	-	-	13,2	12,4	12,6	11,9	104		
112	-	-	-	-	-	-	-	11,2	10,7	10,1	112		
120	-	-	-	-	-	-	-	9,2	9,4	8,7	120		
128	-	-	-	-	-	-	-	-	8,0	7,4	128		
136	-	-	-	-	-	-	-	-	-	6,2	136		
144	-	-	-	-	-	-	-	-	-	5,3	144		



MAIN BOOM

ROADMASTER 9000





		33,700 lb												
		26 ft x 29 ft 6 in (100%)										360°		
		85 %												
		1,000 lb												
		ft												
		ft												
10	ft	164,2	158,7	154,5	130,6	-	-	-	-	-	-	-	ft	10
12	ft	150,1	145,2	141,0	127,1	-	-	-	-	-	-	-	ft	12
14	ft	137,9	133,7	129,7	118,3	103,9	-	-	-	-	-	-	ft	14
16	ft	127,3	123,8	120,0	113,8	99,1	-	-	-	-	-	-	ft	16
18	ft	116,0	115,0	112,1	108,6	93,8	73,7	-	-	-	-	-	ft	18
20	ft	104,6	105,9	104,1	102,8	88,5	70,0	-	-	-	-	-	ft	20
24	ft	84,6	86,1	87,6	87,2	79,0	63,9	54,1	-	-	-	-	ft	24
28	ft	-	72,8	73,4	73,0	70,8	59,0	50,0	43,0	-	-	-	ft	28
32	ft	-	62,3	62,8	62,4	61,3	55,0	46,0	40,2	34,7	-	-	ft	32
36	ft	-	54,7	55,1	54,6	53,6	51,2	42,8	37,6	33,0	26,3	-	ft	36
40	ft	-	-	48,2	47,7	46,8	47,3	39,9	35,2	31,3	26,1	-	ft	40
48	ft	-	-	38,4	37,9	38,2	37,8	34,0	31,1	28,0	24,0	-	ft	48
56	ft	-	-	20,4	30,0	30,8	29,3	29,3	26,9	25,2	22,0	-	ft	56
64	ft	-	-	-	25,1	24,7	24,5	23,8	23,1	22,4	19,8	-	ft	64
72	ft	-	-	-	19,4	20,8	20,4	19,9	19,3	18,8	17,9	-	ft	72
80	ft	-	-	-	-	14,8	17,2	16,8	15,9	16,1	15,5	-	ft	80
88	ft	-	-	-	-	-	14,7	14,2	14,1	13,5	12,9	-	ft	88
96	ft	-	-	-	-	-	12,7	12,0	12,3	11,2	10,6	-	ft	96
104	ft	-	-	-	-	-	-	10,3	10,4	9,5	8,8	-	ft	104
112	ft	-	-	-	-	-	-	-	9,0	7,9	7,2	-	ft	112
120	ft	-	-	-	-	-	-	-	6,6	6,6	5,9	-	ft	120
128	ft	-	-	-	-	-	-	-	-	5,5	4,8	-	ft	128
136	ft	-	-	-	-	-	-	-	-	-	3,9	-	ft	136
144	ft	-	-	-	-	-	-	-	-	-	3,1	-	ft	144





		22,300 lb												
		26 ft x 29 ft 6 in (100%)										360°		
		85 %												
		1,000 lb												
		ft												
		ft												
10	ft	164,2	158,7	154,5	130,6	-	-	-	-	-	-	-	ft	10
12	ft	150,1	145,2	141,0	127,1	-	-	-	-	-	-	-	ft	12
14	ft	137,9	133,7	129,7	118,3	103,9	-	-	-	-	-	-	ft	14
16	ft	127,0	123,8	120,0	113,8	99,1	-	-	-	-	-	-	ft	16
18	ft	113,2	112,5	110,5	108,5	93,8	73,7	-	-	-	-	-	ft	18
20	ft	99,4	100,9	100,7	102,2	88,5	70,0	-	-	-	-	-	ft	20
24	ft	80,4	82,9	83,4	82,9	78,5	63,9	54,1	-	-	-	-	ft	24
28	ft	-	69,2	69,8	69,2	68,4	59,0	50,0	43,0	-	-	-	ft	28
32	ft	-	59,2	59,6	59,2	58,1	55,0	46,0	40,2	34,7	-	-	ft	32
36	ft	-	51,3	51,9	51,3	50,0	49,7	42,8	37,6	33,0	26,3	-	ft	36
40	ft	-	-	44,6	43,9	44,1	43,9	39,6	35,2	31,3	26,1	-	ft	40
48	ft	-	-	33,1	33,5	33,4	31,9	32,5	30,0	28,0	24,0	-	ft	48
56	ft	-	-	20,4	26,4	25,7	25,9	25,0	24,7	23,9	22,0	-	ft	56
64	ft	-	-	-	21,0	21,3	20,6	20,4	19,7	19,5	18,8	-	ft	64
72	ft	-	-	-	17,5	17,3	17,0	16,4	16,6	15,7	15,1	-	ft	72
80	ft	-	-	-	-	14,7	14,2	13,7	13,7	12,8	12,2	-	ft	80
88	ft	-	-	-	-	-	11,8	11,3	11,4	10,5	9,9	-	ft	88
96	ft	-	-	-	-	-	10,0	9,4	9,5	8,5	7,8	-	ft	96
104	ft	-	-	-	-	-	-	7,7	7,9	7,0	6,3	-	ft	104
112	ft	-	-	-	-	-	-	-	6,6	5,7	5,0	-	ft	112
120	ft	-	-	-	-	-	-	-	4,4	4,6	3,9	-	ft	120
128	ft	-	-	-	-	-	-	-	-	3,6	3,0	-	ft	128
136	ft	-	-	-	-	-	-	-	-	-	2,2	-	ft	136



MAIN BOOM

ROADMASTER 9000

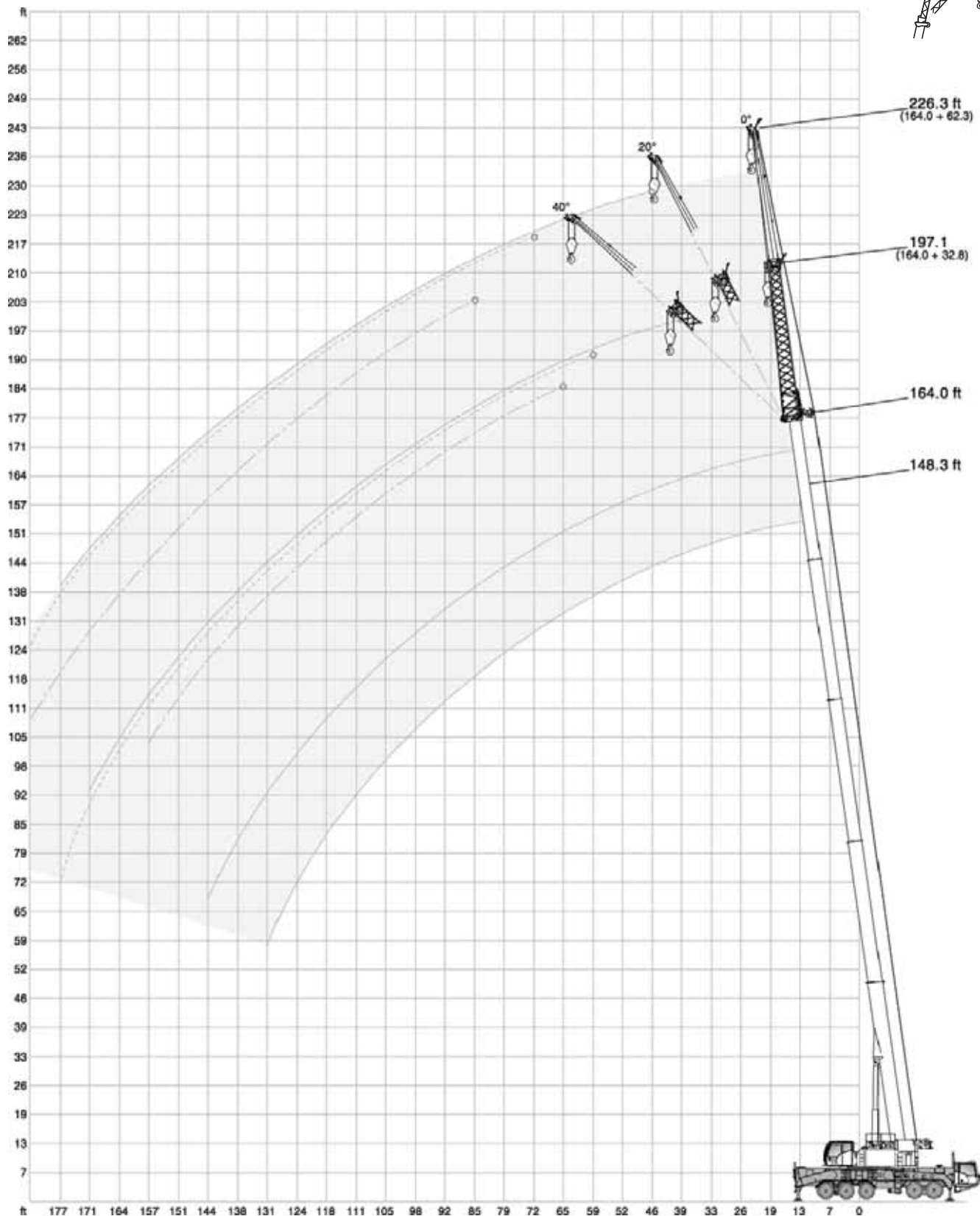
☰ 15,200 lb		 26 ft x 29 ft 6 in (100%)										360°		85 %	
		39.0 ft	53.1 ft	66.9 ft	81.0 ft	95.1 ft	109.3 ft	123.0 ft	132.9 ft	148.3 ft	164.0 ft				
ft		1,000 lb										ft			
10		164,2	158,7	154,5	130,6	-	-	-	-	-	-	10			
12		150,1	145,2	141,0	127,1	-	-	-	-	-	-	12			
14		137,9	133,7	129,7	118,3	103,9	-	-	-	-	-	14			
16		124,0	123,8	120,0	113,8	99,1	-	-	-	-	-	16			
18		109,5	110,8	108,7	106,8	93,8	73,7	-	-	-	-	18			
20		95,9	97,4	99,2	98,7	88,5	70,0	-	-	-	-	20			
24		77,6	80,0	80,6	80,2	77,7	63,9	54,1	-	-	-	24			
28		-	66,9	67,4	66,9	65,7	59,0	50,0	43,0	-	-	28			
32		-	57,1	57,6	57,1	54,5	53,0	46,0	40,2	34,7	-	32			
36		-	47,7	48,3	47,7	46,0	45,7	40,8	37,3	33,0	26,3	36			
40		-	-	39,4	40,1	40,3	38,6	37,8	34,1	31,2	26,1	40			
48		-	-	29,7	30,0	29,4	29,7	28,6	27,8	26,2	23,8	48			
56		-	-	20,4	23,1	23,3	22,7	22,4	21,6	21,5	20,1	56			
64		-	-	-	18,5	18,5	18,3	17,6	17,8	16,9	15,8	64			
72		-	-	-	15,1	15,3	14,6	14,2	14,4	13,3	12,6	72			
80		-	-	-	-	12,7	12,0	11,5	11,6	10,6	10,0	80			
88		-	-	-	-	-	9,9	9,3	9,5	8,4	7,7	88			
96		-	-	-	-	-	8,2	7,5	7,8	6,7	6,0	96			
104		-	-	-	-	-	-	6,1	6,3	5,2	4,6	104			
112		-	-	-	-	-	-	-	5,0	4,1	3,5	112			
120		-	-	-	-	-	-	-	3,1	3,1	2,5	120			
128		-	-	-	-	-	-	-	-	2,3	-	128			

☰ 11,900 lb		 26 ft x 29 ft 6 in (100%)										360°		85 %	
		39.0 ft	53.1 ft	66.9 ft	81.0 ft	95.1 ft	109.3 ft	123.0 ft	132.9 ft	148.3 ft	164.0 ft				
ft		1,000 lb										ft			
10		164,2	158,7	154,5	130,6	-	-	-	-	-	-	10			
12		150,1	145,2	141,0	127,1	-	-	-	-	-	-	12			
14		137,9	133,7	129,7	118,3	103,9	-	-	-	-	-	14			
16		122,5	122,7	120,0	113,8	99,1	-	-	-	-	-	16			
18		107,7	109,2	108,0	106,0	93,8	73,7	-	-	-	-	18			
20		94,4	95,9	97,7	97,2	88,5	70,0	-	-	-	-	20			
24		76,3	78,8	79,4	78,9	77,0	63,9	54,1	-	-	-	24			
28		-	65,8	66,3	65,8	62,7	58,5	50,0	43,0	-	-	28			
32		-	54,5	55,3	54,7	51,6	50,5	44,7	40,2	34,7	-	32			
36		-	45,0	45,7	45,1	44,8	42,9	39,7	36,1	33,0	26,3	36			
40		-	-	38,4	38,6	37,9	36,4	35,4	32,7	31,0	26,1	40			
48		-	-	28,0	28,2	28,5	27,8	27,5	25,9	25,1	23,2	48			
56		-	-	20,4	21,9	21,8	21,5	20,8	20,8	19,9	18,5	56			
64		-	-	-	17,3	17,3	16,9	16,2	16,5	15,6	14,4	64			
72		-	-	-	14,0	14,2	13,5	13,1	13,3	12,2	11,3	72			
80		-	-	-	-	11,6	11,1	10,5	10,7	9,6	8,9	80			
88		-	-	-	-	-	9,1	8,4	8,6	7,6	7,0	88			
96		-	-	-	-	-	7,3	6,8	6,9	6,0	5,3	96			
104		-	-	-	-	-	-	5,5	5,5	4,6	3,9	104			
112		-	-	-	-	-	-	-	4,4	3,5	2,8	112			
120		-	-	-	-	-	-	-	2,5	2,5	-	120			



FOLDING SWING-AWAY JIB

ROADMASTER 9000





FOLDING SWING-AWAY JIB

ROADMASTER 9000

57,500 lb		26 ft x 29 ft 6 in (100%)						360°			85 %				
148.3 ft		164.0 ft													
ft	0°	32.8 ft			62.3 ft			ft	0°	32.8 ft			62.3 ft		
		20°	40°	1,000 lb	0°	20°	40°			20°	40°	0°	20°	40°	
40	18,9	-	-	10,1	-	-	40	14,8	-	-	-	-	-		
48	18,7	-	-	10,1	-	-	48	14,8	-	-	8,2	-	-		
56	18,3	17,7	-	10,1	-	-	56	14,8	-	-	8,2	-	-		
64	17,2	16,8	15,7	10,0	-	-	64	14,8	14,3	-	8,2	-	-		
72	15,9	15,7	15,4	9,7	9,0	-	72	13,9	13,5	12,6	8,2	-	-		
80	14,6	14,6	14,6	9,4	8,8	7,7	80	12,9	12,7	11,8	8,2	8,1	-		
88	13,3	13,4	13,5	9,2	8,5	7,5	88	12,0	11,9	11,3	8,2	7,9	7,2		
96	12,2	12,4	12,5	8,9	8,2	7,4	96	11,0	11,0	10,7	8,2	7,8	7,1		
104	11,2	11,4	11,6	8,6	8,2	7,3	104	10,2	10,4	10,2	8,0	7,5	6,9		
112	10,1	10,3	10,5	8,1	7,9	7,1	112	9,4	9,4	9,7	7,7	7,0	6,6		
120	9,3	9,5	9,5	7,8	7,6	7,0	120	8,6	8,6	8,8	7,2	6,8	6,3		
128	8,6	8,7	8,8	7,4	7,2	6,8	128	7,7	7,9	8,0	6,8	6,4	6,1		
136	7,7	8,1	8,1	7,0	6,9	6,7	136	7,2	7,2	7,4	6,3	6,0	6,0		
144	6,9	6,9	7,1	6,4	6,6	6,6	144	6,4	6,6	6,9	5,8	5,7	5,7		
152	6,3	6,5	-	5,8	6,1	6,3	152	5,4	5,8	6,0	5,3	5,5	5,5		
160	5,5	5,7	-	5,0	5,7	5,9	160	4,6	5,0	-	4,8	5,1	5,2		
168	-	-	-	4,7	4,9	5,3	168	3,9	4,1	-	4,0	4,7	4,8		
176	-	-	-	4,3	4,4	-	176	3,2	3,4	-	3,4	4,1	4,3		
184	-	-	-	3,5	4,0	-	184	-	-	-	2,8	3,3	-		
							192	-	-	-	2,1	2,7	-		
							200	-	-	-	-	2,0	-		


47,000 lb		26 ft x 29 ft 6 in (100%)						360°			85 %				
148.3 ft		164.0 ft													
ft	0°	32.8 ft			62.3 ft			ft	0°	32.8 ft			62.3 ft		
		20°	40°	1,000 lb	0°	20°	40°			20°	40°	0°	20°	40°	
40	18,9	-	-	10,1	-	-	40	14,8	-	-	-	-	-		
48	18,7	-	-	10,1	-	-	48	14,8	-	-	8,2	-	-		
56	18,3	17,7	-	10,1	-	-	56	14,8	-	-	8,2	-	-		
64	17,2	16,8	15,7	10,0	-	-	64	14,8	14,3	-	8,2	-	-		
72	15,9	15,7	15,4	9,7	9,0	-	72	13,9	13,5	12,6	8,2	-	-		
80	14,6	14,6	14,6	9,4	8,8	7,7	80	12,9	12,7	11,8	8,2	8,1	-		
88	13,3	13,4	13,5	9,2	8,5	7,5	88	12,0	11,9	11,3	8,2	7,9	7,2		
96	12,2	12,4	12,5	8,9	8,2	7,4	96	11,0	11,0	10,7	8,2	7,8	7,1		
104	11,2	11,4	11,6	8,6	8,2	7,3	104	10,2	10,4	10,2	8,0	7,5	6,9		
112	9,8	10,3	10,5	8,1	7,9	7,1	112	9,4	9,4	9,7	7,7	7,0	6,6		
120	8,6	8,9	9,3	7,8	7,6	7,0	120	8,1	8,6	8,8	7,2	6,8	6,3		
128	7,7	7,9	7,9	7,2	7,2	6,8	128	6,8	7,4	7,8	6,8	6,4	6,1		
136	6,5	6,9	7,1	6,3	6,9	6,7	136	5,8	6,2	6,6	6,0	6,0	6,0		
144	5,5	5,8	6,0	5,8	6,2	6,6	144	4,7	5,1	5,4	4,9	5,7	5,7		
152	4,7	5,0	-	5,0	5,4	5,8	152	3,9	4,3	4,5	4,1	5,0	5,4		
160	3,9	4,2	-	4,2	4,8	5,1	160	3,1	3,5	-	3,3	4,2	4,6		
168	-	-	-	3,5	4,0	4,3	168	2,4	2,7	-	2,6	3,3	3,8		
176	-	-	-	2,8	3,2	-	176	1,8	2,1	-	2,1	2,5	3,0		
184	-	-	-	2,4	2,6	-									




FOLDING SWING-AWAY JIB


ROADMASTER 9000


22,300 lb  **26 ft x 29 ft 6 in (100%)** **360°** **85 %**

 148.3 ft						
ft	32.8 ft			62.3 ft		
	0°	20°	40°	0°	20°	40°
	1,000 lb					
40	18,9	-	-	10,1	-	-
48	18,7	-	-	10,1	-	-
56	18,3	17,7	-	10,1	-	-
64	17,2	16,8	15,7	10,0	-	-
72	14,6	15,7	15,4	9,7	9,0	-
80	12,6	13,2	14,1	9,4	8,8	7,7
88	10,3	11,4	11,5	9,0	8,5	7,5
96	8,3	9,2	9,9	8,2	8,2	7,4
104	6,8	7,5	8,1	6,8	7,6	7,3
112	5,4	6,1	6,5	5,7	7,0	7,0
120	4,2	4,8	5,3	4,6	5,7	6,3
128	3,2	3,7	4,2	3,5	4,6	5,5
136	2,4	2,8	3,1	2,6	3,7	4,4
144	1,6	2,0	2,2	2,0	2,7	3,4
152	-	-	-	-	2,1	2,5

 164.0 ft						
ft	32.8 ft			62.3 ft		
	0°	20°	40°	0°	20°	40°
	1,000 lb					
40	14,8	-	-	-	-	-
48	14,8	-	-	8,2	-	-
56	14,8	-	-	8,2	-	-
64	14,8	14,3	-	8,2	-	-
72	13,9	13,5	12,6	8,2	-	-
80	11,3	12,4	11,8	8,2	8,1	-
88	9,1	10,3	10,9	8,0	7,9	7,2
96	7,3	8,3	9,2	6,9	7,8	7,1
104	5,7	6,8	7,5	5,5	7,2	6,9
112	4,6	5,2	5,9	4,3	5,9	6,6
120	3,3	4,2	4,6	3,3	4,7	5,9
128	2,4	3,1	3,5	2,5	3,7	4,8
136	-	2,2	2,4	-	2,8	3,8
144	-	-	-	-	2,0	2,9

11,900 lb  **26 ft x 29 ft 6 in (100%)** **360°** **85 %**

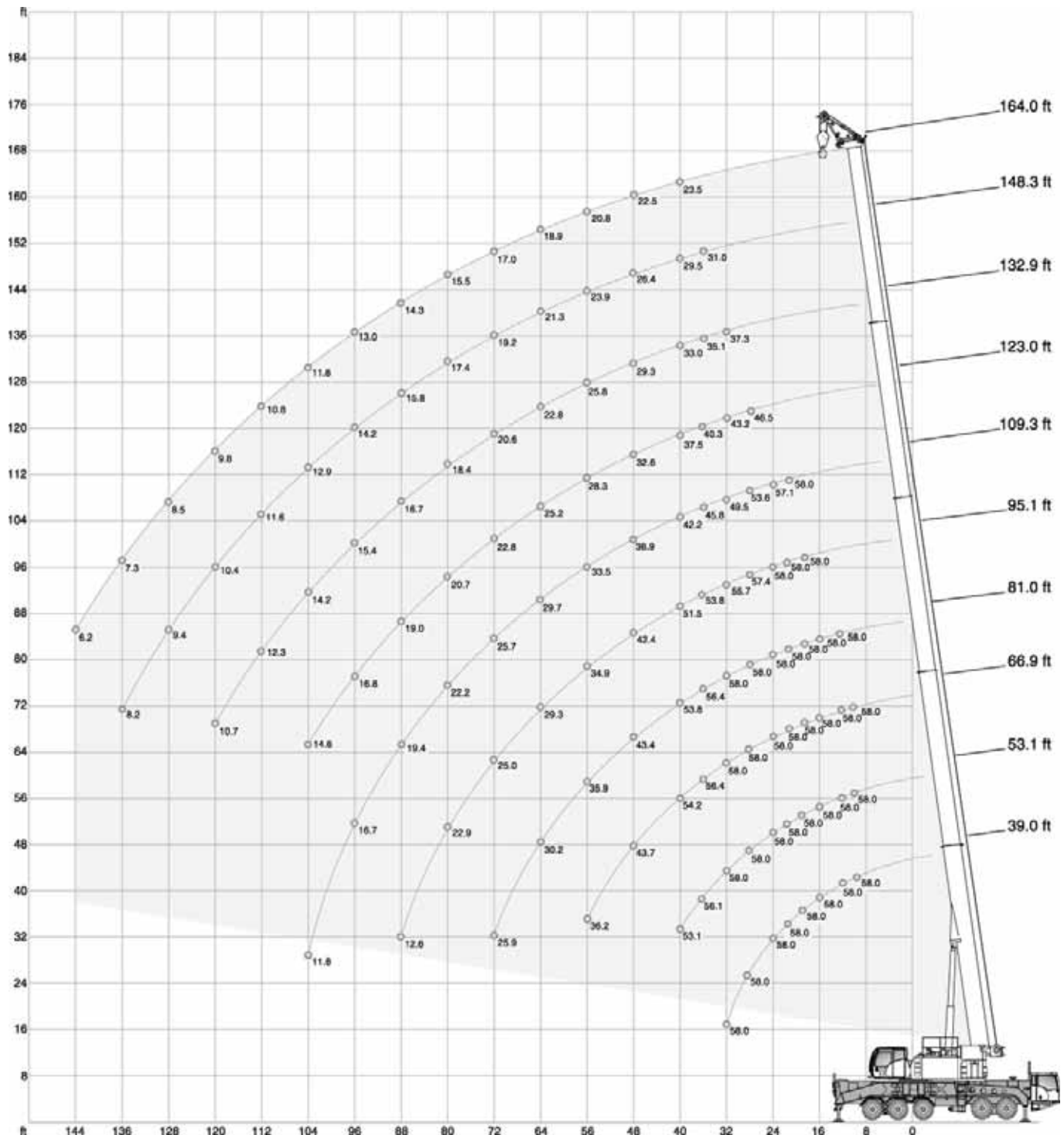
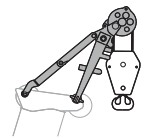
 148.3 ft						
ft	32.8 ft			62.3 ft		
	0°	20°	40°	0°	20°	40°
	1,000 lb					
40	18,9	-	-	10,1	-	-
48	18,7	-	-	10,1	-	-
56	17,1	17,7	-	10,1	-	-
64	14,5	15,4	15,7	10,0	-	-
72	11,5	13,0	13,5	9,7	9,0	-
80	9,1	10,5	11,5	8,7	8,8	7,7
88	7,2	8,4	9,3	7,0	8,3	7,5
96	5,7	6,7	7,4	5,5	7,2	7,4
104	4,4	5,0	5,7	4,1	5,7	6,9
112	3,2	3,9	4,3	3,0	4,6	5,9
120	2,2	2,8	3,3	2,2	3,6	4,6
128	-	-	2,2	-	2,8	3,6
136	-	-	-	-	1,9	2,7
144	-	-	-	-	-	1,8

 164.0 ft						
ft	32.8 ft			62.3 ft		
	0°	20°	40°	0°	20°	40°
	1,000 lb					
40	14,8	-	-	-	-	-
48	14,8	-	-	8,2	-	-
56	14,8	-	-	8,2	-	-
64	12,9	14,3	-	8,2	-	-
72	10,0	11,5	12,6	8,2	-	-
80	7,6	9,1	10,2	7,2	8,1	-
88	5,8	7,1	8,2	5,4	7,5	7,2
96	4,4	5,3	6,3	4,1	6,0	7,1
104	3,2	4,1	4,8	2,8	4,6	6,1
112	-	3,0	3,7	-	3,5	4,8
120	-	-	2,6	-	2,5	3,7
128	-	-	-	-	-	2,8
136	-	-	-	-	-	1,9



BOOM HEAD EXTENSION

ROADMASTER 9000





BOOM HEAD EXTENSION

ROADMASTER 9000

		57,500 lb											
		26 ft x 29 ft 6 in (100%)										360°	
		85 %											
		1,000 lb											
		ft											
		ft											
10	ft	39.0	53.1	66.9	81.0	95.1	109.3	123.0	132.9	148.3	164.0	ft	ft
10		58,0	58,0	58,0	-	-	-	-	-	-	-	10	10
12		58,0	58,0	58,0	58,0	-	-	-	-	-	-	12	12
14		58,0	58,0	58,0	58,0	-	-	-	-	-	-	14	14
16		58,0	58,0	58,0	58,0	-	-	-	-	-	-	16	16
18		58,0	58,0	58,0	58,0	58,0	-	-	-	-	-	18	18
20		58,0	58,0	58,0	58,0	58,0	58,0	-	-	-	-	20	20
24		58,0	58,0	58,0	58,0	58,0	57,1	-	-	-	-	24	24
28		58,0	58,0	58,0	58,0	57,4	53,6	46,5	-	-	-	28	28
32		58,0	58,0	58,0	58,0	55,7	49,5	43,2	37,3	-	-	32	32
36		-	56,1	56,4	56,4	53,8	45,8	40,3	35,1	31,0	-	36	36
40		-	53,1	54,2	53,8	51,5	42,2	37,5	33,0	29,5	23,5	40	40
48		-	-	43,7	43,4	42,4	36,9	32,6	29,3	26,4	22,5	48	48
56		-	-	36,2	35,9	34,9	33,5	28,3	25,8	23,9	20,8	56	56
64		-	-	-	30,2	29,3	29,7	25,2	22,8	21,3	18,9	64	64
72		-	-	-	25,9	25,0	25,7	22,8	20,6	19,2	17,0	72	72
80		-	-	-	-	22,9	22,2	20,7	18,4	17,4	15,5	80	80
88		-	-	-	-	12,6	19,4	19,0	16,7	15,8	14,3	88	88
96		-	-	-	-	-	16,7	16,8	15,4	14,2	13,0	96	96
104		-	-	-	-	-	11,8	14,6	14,2	12,9	11,6	104	104
112		-	-	-	-	-	-	-	12,3	11,6	10,8	112	112
120		-	-	-	-	-	-	-	10,7	10,4	9,8	120	120
128		-	-	-	-	-	-	-	-	9,4	8,5	128	128
136		-	-	-	-	-	-	-	-	8,2	7,3	136	136
144		-	-	-	-	-	-	-	-	-	6,2	144	144

		47,000 lb											
		26 ft x 29 ft 6 in (100%)										360°	
		85 %											
		1,000 lb											
		ft											
		ft											
10	ft	39.0	53.1	66.9	81.0	95.1	109.3	123.0	132.9	148.3	164.0	ft	ft
10		58,0	58,0	58,0	-	-	-	-	-	-	-	10	10
12		58,0	58,0	58,0	58,0	-	-	-	-	-	-	12	12
14		58,0	58,0	58,0	58,0	-	-	-	-	-	-	14	14
16		58,0	58,0	58,0	58,0	-	-	-	-	-	-	16	16
18		58,0	58,0	58,0	58,0	58,0	-	-	-	-	-	18	18
20		58,0	58,0	58,0	58,0	58,0	58,0	-	-	-	-	20	20
24		58,0	58,0	58,0	58,0	58,0	57,1	-	-	-	-	24	24
28		58,0	58,0	58,0	58,0	57,4	53,6	46,5	-	-	-	28	28
32		58,0	58,0	58,0	58,0	55,7	49,5	43,2	37,3	-	-	32	32
36		-	54,8	55,2	55,2	53,3	45,8	40,3	35,1	31,0	-	36	36
40		-	50,5	51,8	51,4	50,3	42,2	37,5	33,0	29,5	23,5	40	40
48		-	-	41,8	41,3	40,3	36,9	32,6	29,3	26,4	22,5	48	48
56		-	-	34,5	34,1	33,2	33,2	28,3	25,8	23,9	20,8	56	56
64		-	-	-	28,8	27,7	28,4	25,2	22,8	21,3	18,9	64	64
72		-	-	-	23,7	24,5	23,5	22,8	20,6	19,2	17,0	72	72
80		-	-	-	-	20,7	19,6	19,8	18,4	17,4	15,5	80	80
88		-	-	-	-	12,6	17,2	16,7	16,4	15,6	14,3	88	88
96		-	-	-	-	-	15,3	14,3	14,0	13,3	13,0	96	96
104		-	-	-	-	-	11,8	12,7	11,9	11,9	11,1	104	104
112		-	-	-	-	-	-	-	10,5	10,1	9,4	112	112
120		-	-	-	-	-	-	-	9,6	8,7	7,8	120	120
128		-	-	-	-	-	-	-	-	7,4	6,6	128	128
136		-	-	-	-	-	-	-	-	6,4	5,5	136	136
144		-	-	-	-	-	-	-	-	-	4,5	144	144



BOOM HEAD EXTENSION

ROADMASTER 9000

		15,200 lb											
		26 ft x 29 ft 6 in (100%)										360°	
		85 %											
		1,000 lb											
		ft											
		ft											
		39.0 ft	53.1 ft	66.9 ft	81.0 ft	95.1 ft	109.3 ft	123.0 ft	132.9 ft	148.3 ft	164.0 ft		
10	ft	58,0	58,0	58,0	-	-	-	-	-	-	-	10	ft
12	ft	58,0	58,0	58,0	58,0	-	-	-	-	-	-	12	ft
14	ft	58,0	58,0	58,0	58,0	-	-	-	-	-	-	14	ft
16	ft	58,0	58,0	58,0	58,0	-	-	-	-	-	-	16	ft
18	ft	58,0	58,0	58,0	58,0	58,0	-	-	-	-	-	18	ft
20	ft	58,0	58,0	58,0	58,0	58,0	58,0	-	-	-	-	20	ft
24	ft	58,0	58,0	58,0	58,0	58,0	57,1	-	-	-	-	24	ft
28	ft	58,0	58,0	58,0	58,0	57,4	53,6	46,5	-	-	-	28	ft
32	ft	54,8	55,8	56,7	56,3	53,4	49,5	43,2	37,3	-	-	32	ft
36	ft	-	47,8	48,9	48,4	45,8	43,3	39,0	35,1	31,0	-	36	ft
40	ft	-	39,6	40,3	39,6	39,0	38,6	35,5	32,7	29,5	23,5	40	ft
48	ft	-	-	29,2	30,0	29,7	28,6	28,4	26,9	25,5	22,4	48	ft
56	ft	-	-	23,0	23,2	23,1	22,7	22,2	21,1	20,5	19,3	56	ft
64	ft	-	-	-	18,3	18,3	18,0	17,4	17,3	16,5	15,1	64	ft
72	ft	-	-	-	14,8	14,8	14,4	13,7	14,0	12,9	11,8	72	ft
80	ft	-	-	-	-	12,2	11,7	11,1	11,1	10,2	9,1	80	ft
88	ft	-	-	-	-	10,2	9,5	8,8	9,0	8,0	7,1	88	ft
96	ft	-	-	-	-	-	7,8	7,1	7,1	6,2	5,3	96	ft
104	ft	-	-	-	-	-	6,3	5,7	5,7	4,8	3,9	104	ft
112	ft	-	-	-	-	-	-	-	4,6	3,5	2,8	112	ft
120	ft	-	-	-	-	-	-	-	3,6	2,5	-	120	ft

		11,900 lb											
		26 ft x 29 ft 6 in (100%)										360°	
		85 %											
		1,000 lb											
		ft											
		ft											
		39.0 ft	53.1 ft	66.9 ft	81.0 ft	95.1 ft	109.3 ft	123.0 ft	132.9 ft	148.3 ft	164.0 ft		
10	ft	58,0	58,0	58,0	-	-	-	-	-	-	-	10	ft
12	ft	58,0	58,0	58,0	58,0	-	-	-	-	-	-	12	ft
14	ft	58,0	58,0	58,0	58,0	-	-	-	-	-	-	14	ft
16	ft	58,0	58,0	58,0	58,0	-	-	-	-	-	-	16	ft
18	ft	58,0	58,0	58,0	58,0	58,0	-	-	-	-	-	18	ft
20	ft	58,0	58,0	58,0	58,0	58,0	58,0	-	-	-	-	20	ft
24	ft	58,0	58,0	58,0	58,0	58,0	57,1	-	-	-	-	24	ft
28	ft	58,0	58,0	58,0	58,0	57,4	53,6	46,5	-	-	-	28	ft
32	ft	52,3	54,7	55,3	54,7	51,1	47,6	43,2	37,3	-	-	32	ft
36	ft	-	46,1	46,8	46,1	43,0	42,0	37,8	34,5	31,0	-	36	ft
40	ft	-	37,3	37,9	37,3	38,3	36,0	34,6	31,3	29,3	23,5	40	ft
48	ft	-	-	28,3	28,4	27,8	28,0	26,6	25,3	23,6	21,9	48	ft
56	ft	-	-	21,6	21,7	21,8	21,2	20,8	20,3	19,4	17,7	56	ft
64	ft	-	-	-	17,2	17,1	16,7	16,1	16,2	15,3	13,8	64	ft
72	ft	-	-	-	13,7	13,7	13,3	12,6	12,9	11,8	10,4	72	ft
80	ft	-	-	-	-	11,3	10,7	10,0	10,2	9,1	8,1	80	ft
88	ft	-	-	-	-	9,2	8,6	8,0	8,0	7,1	6,2	88	ft
96	ft	-	-	-	-	-	6,9	6,2	6,4	5,3	4,6	96	ft
104	ft	-	-	-	-	-	5,5	4,8	5,0	3,9	3,3	104	ft
112	ft	-	-	-	-	-	-	-	3,9	2,8	-	112	ft
120	ft	-	-	-	-	-	-	-	2,9	-	-	120	ft



TECHNICAL DESCRIPTION

ROADMASTER 9000

Basic equipment

Carrier

Engine US EPA 2010 Compliant	Detroit Diesel DD13, output 450 HP, torque 1650 ft-lb, certifications in accordance with US EPA 2010.
Engine –OPTIONAL – Not US EPA 2010 Compliant	MTU MBE460, output 450 HP, torque 1475 ft-lb, certifications in accordance with Tier 3.
Fuel tank	70 gallons Diesel; 10 gallons Diesel exhaust fluid.
Transmission	Allison HD4560 fully automatic with 6 forward speeds and 1 reverse.
Axles 8 x 4	48,000 lb front axles, 60,000 lb rear axles with interaxle and diff locks, optional 20,000 lb pusher axle.
Suspension	Full air over walking beam suspensions front and rear.
Steering	Full power steering master and slave steering boxes.
Brakes	Dual circuit pneumatic service brake with drum brakes on all wheels. 4 way antilock brake system and additional exhaust brake. Spring applied parking brake.
Wheels	Aluminium wheels with stainless hub cover, front tires 445/65R22.5, rear tires 315/80R22.5, pusher tires 445/50R22.5.
Cab carrier	Adjustable driver seat with seat heating, armrests and pneumatic suspension; Steering wheel height and tilt adjustable; Power door windows; Tinted glass; Air conditioning and radio ready; 2 integrated rotary beacons; Storage area.
Cruise control	Automatic speed control.

Crane

Telescopic boom	39.0 - 164 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 5 sheaves integrated in boom head for max. capacity of 142,200 lb.
Counterweight	Configuration EG: 47,000 lb, 6 pieces; Automatic rigging system; Expandable to max. 57,500 lb; 33,800 lb can be carried on board; 10,400 lb fixed.
Outriggers	X-4-Point design. Manual levelling with electronic pressure indication.
Outrigger pads	4 outrigger pads; 24" diameter (3.14 ft ²) each, transport attached to leveling cylinder.
Boom luffing	Single luffing cylinder with automatic lowering brake valve.
Rotary drive	Single slewing gear unit with spring-loaded multi-disc brake.
Main Hoist	Hoist with spring-loaded multi-disc brake.
Engine	MTU; Output 175 HP, torque 464 ft-lb, certifications in accordance with EURO MOT 3b, TIER 4i, CARB; MTU exhaust system made of stainless steel with SCR catalyst.
Fuel tank	53 gallons Diesel.
Drive	Hydraulic system with power control; Hydraulic oil cooler.
Control system	5 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks.
Operator aids	IC-1, with integrated Rated capacity indicator; Color display; Displaying of current operating conditions, load charts, fault indicator; (Pre-)warning when approaching limit devices and conditions; Signal lights indicating LMI-load; Crane data logger; Outrigger load indicator.
Work area definition	Included in RCI function.
Cab	Tilt variable 20°; Seat heating; Sliding window in door and rear; Fold-out front window; Extendable side and foldable front step; Handrails; Tinted safety glass; Pull-down sun visor and light curtains; Air conditioning with 24,000 BTU cooling power and radio preparation.
Cab heating	Engine warm water heating with 41,000 BTU heating power.
Miscellaneous	Safety handrails for cab access.

Additional Features

Illumination	1 x for hoists and rigging, 1 x adjustable crane cab, 1 x engine area, 2 rotary beacons on rear of crane.
Safety marking	Reflective safety markings on carrier and counterweight.



TECHNICAL DESCRIPTION

ROADMASTER 9000

Options

Crane

Boom head extension	Heavy lift attachment, 2-sheaved; Dis-/connectable; For total 7 sheaves at boom head; Max. capacity of 180,000 lb.
Second hoist	2. hoist; Spring-loaded multi-disc brake; Resolver; Self-rigging; Incl. quick couplings and transport storage; Enables 2-hook operation with all extensions.
Auxiliary heating engine independant	Auxiliary, engine independant Diesel heating system with 34,000 BTU heating power; With timer; Switchable between engine block and upper cab.

Extensions

Folding jib	32.8 ft; Folding swing-away jib, manual offset 20° / 40°; 1-sheaved head; Incl. transport storage.
Double folding jib	32.8 ft / 62.3 ft; Double folding swing-away jib, manual offset 20° / 40°; 1-sheaved head; Incl. transport storage.
Boom head extension	4.9 ft; Boom head extension; 2 sheaves for max capacity 29.4 T; Incl transport storage at boom head.

Diverse

Dolly preparation	Adjustable 4-point support brackets enable individual positioning of a dolly; Incl. freewheel for slewing gear unit and luffing cylinder, and quick couplings for brake air and electrics.
Hook block 100T	Hook block 7 sheaves, 100 T, 18 mm, 2150 lb.
Hook block 90T	Hook block 7 sheaves, 90 T, 18 mm, 2150 lb.
Hook block 75T	Hook block 5 sheaves, 75 T, 18 mm, 1204 lb.
Hook block 30T	Hook block 3 sheaves, 30 T, 18 mm, 1046 lb.
Overhaul ball 8T	Overhaul ball 360 lb.
Overhaul ball 12T	Overhaul ball 709 lb.

NOTES TO LIFTING CAPACITY

Ratings are in compliance with ASME B30.5.
Lifting capacities do not exceed 85% of tipping load.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.
Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes.
Crane operation is subject to the computer charts and operation manual both supplied with the crane.



Effective Date: October 2012.

Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex® is a registered trademark of Terex Corporation in the USA and many other countries.

Copyright 2012 Terex Corporation

Terex Cranes, Global Marketing, Dinglerstraße 24, 66482 Zweibrücken, Germany
Tel. +49 (0) 6332 830, Email: info.cranes@terex.com, www.terexcranes.com



www.terexcranes.com

Brochure Reference: TC-DS-I-E-Roadmaster 9000 - 10/12



TEREX®

WORKS FOR YOU.™