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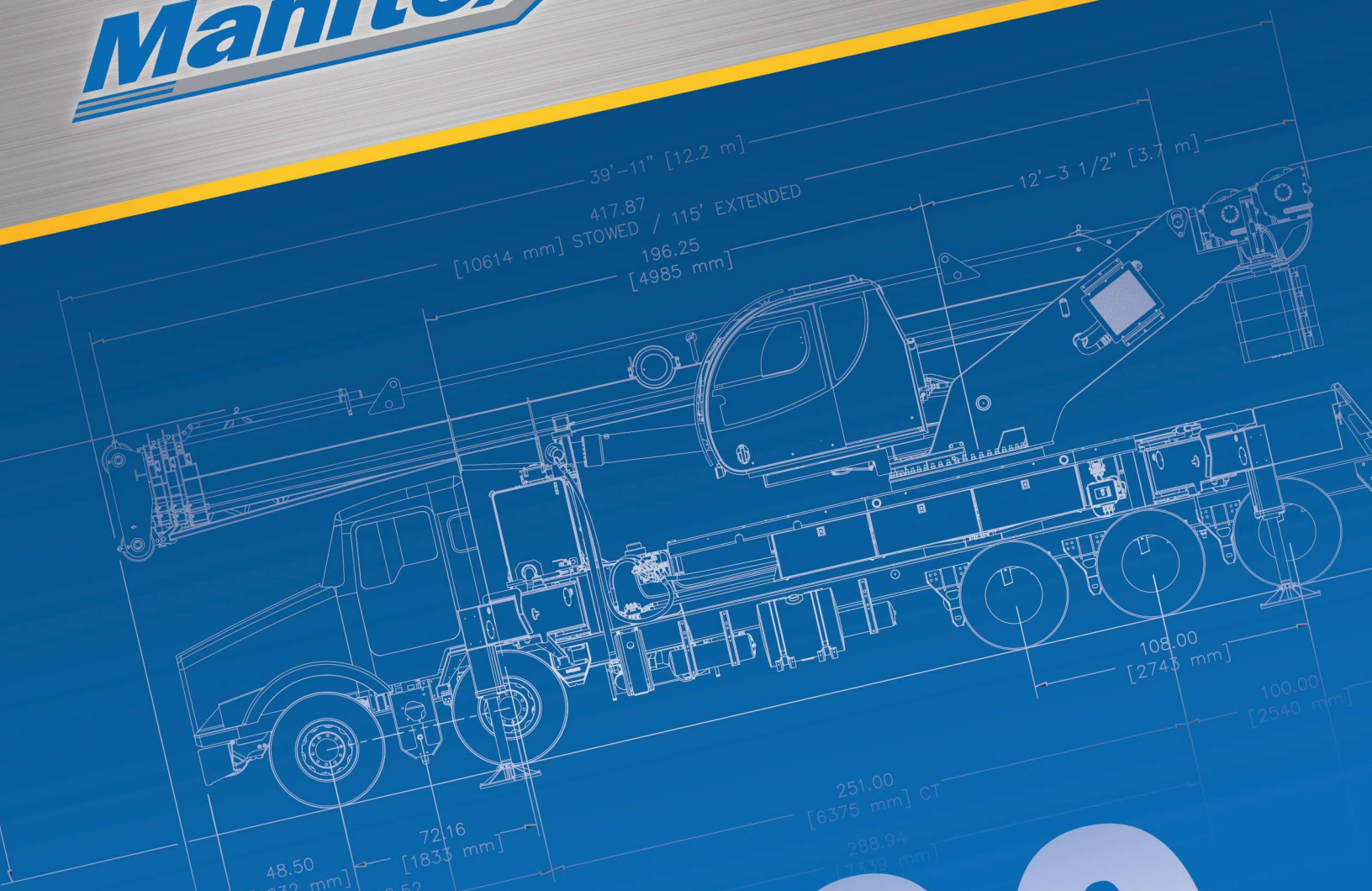


TC700

70-ton (63.5 mt) TELESCOPIC CRANE
PRELIMINARY PRODUCT GUIDE

PRELIMINARY CONTENTS

KEY

	Operator aids / Load limiter / Indicator
	Cab
	Heating/Air conditioning
	Controls
	Hoist line speed
	1 - Main hoist 2 - Auxiliary winch
	Rope length
	Rope - Standard/optional
	Rope diameter
	Permissible line pull
	Maximum line pull
	Slewing / Allowable slewing range
	Slewing gears
	Slewing brake
	Outriggers / Lifting on outriggers
	Removable counterweight system
	Counterweight
	Radio remote control

	Hook block
	Distance from hook to head sheave pin
	Hook and ball
	Hydraulics
	Boom elevation angle
	Max. boom length with extension
	Boom extension with offset
	Boom angle
	Telescoping mode
	Working radius
	Boom length
	Hydraulic actuated boom
	Mechanical synchronized
	Boom head / Hook block dimension
	Main boom with auxiliary head
	Tip height
	2-Person man basket

THE TC700 TELESCOPIC CRANE

Versatile. Affordable. User friendly.

The TC700 is built to meet the wide-ranging needs of owner operators who may use it for residential construction one day and bridge work the next. No matter what the task, the TC700 is designed to get you to the job and on the job quickly.
With it, you can:

- Travel to and between job sites at highway speed on a commercial chassis
- Rig up quickly with radio outrigger controls
- Operate comfortably and confidently in its tiltable cab
- Removable counterweights and a travel length of 40 ft.

Other features include:

- 70-ton capacity, 8 ft. rated distance from center of rotation
- 115 ft. max. boom length
- 125 ft. max boom tip height
- 31 ft./53 ft. optional telescopic jib
- Full Load Moment Indicator with work area definition
- Removable counterweight system

GET MORE DONE IN LESS TIME

When you're in business for yourself, time is money.
The TC700 is designed specifically to rig up quickly by a single operator.

Radio outrigger controls

Get out from behind the crane. Operate the outriggers remotely, with a clear view of the entire machine, using radio outrigger controls we call ROC Solid.

On-board outrigger pads

Stop lugging outrigger pads. On the TC700 pads are stowed on the outriggers and move with them as the outriggers swing into position.

Remote winch control (optional)

Lower and raise the hook block quickly. With remote winch control on the TC700, the winch can be operated from any location.

Operator cab tilts from 0° to 20° for a comfortable, clear view of the load.

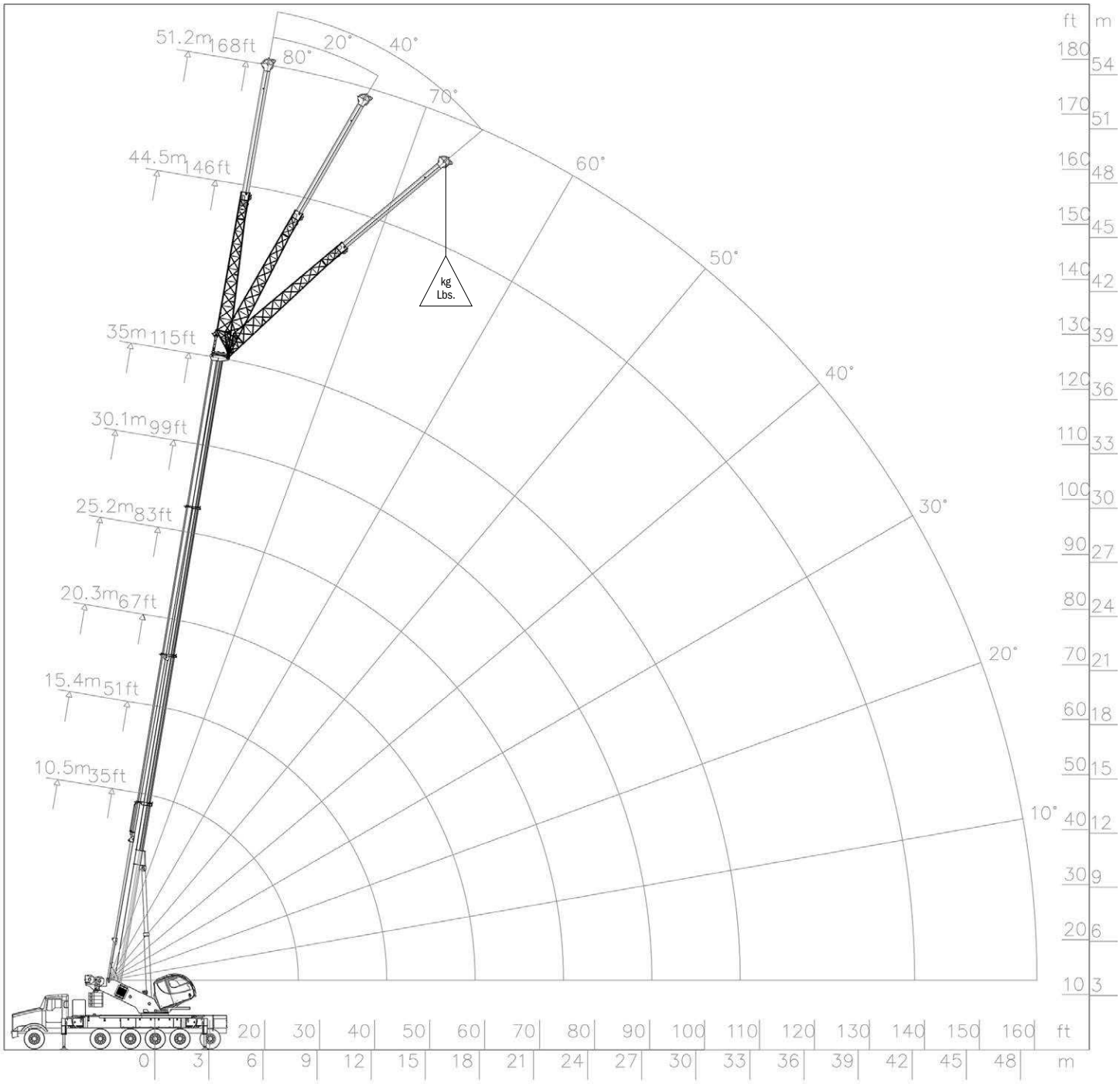
MAKE THE MOST OF YOUR INVESTMENT

Unlike most 70-ton models on the market today, the TC700 is designed to be used with a commercial carrier, so operators can:

- Travel to and between job sites at highway speed.
  (The minimum chassis specification is 500 hp/16-1800 lbs./ft.)
- Ride in comfort with a carrier suspension designed for highway driving.
- Get repairs done quickly and by qualified technicians at commercial truck service centers.
- Extend the life of the crane by replacing only the chassis when necessary.

Courtesy of CraneMarket.com

BOOM DIAGRAM - Imperial & Metric



Data published herein is intended as a guide only. Crane operation is subject to the computer charts and operation manual supplied with the crane.

PRELIMINARY LOAD CHART: Main Boom - Imperial Units

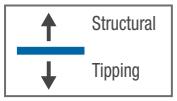
Lifting Capacities 4 Section Boom 38.5 ft. - 115 ft.

22,000 lb. 23 ft. 11.25 in. 360°

70 Ton	38.5 ft. Boom		51 ft. Boom		67 ft. Boom		83 ft. Boom		99 ft. Boom		115 ft. Boom	
	Boom Angle (deg)	360° Deg (lbs.)	Boom Angle (deg)	360° Deg (lbs.)	Boom Angle (deg)	360° Deg (lbs.)	Boom Angle (deg)	360° Deg (lbs.)	Boom Angle (deg)	360° Deg (lbs.)	Boom Angle (deg)	360° Deg (lbs.)
8 ft.	67.0	140,000	75.4	80,000	79.6	74,600						
9 ft.	65.1	127,650	74.2	80,000	78.8	72,700						
10 ft.	63.2	120,000	73.0	80,000	77.9	70,800						
11 ft.	61.2	112,700	71.8	80,000	77.1	69,000						
12 ft.	59.2	105,750	70.6	80,000	76.2	67,150						
13 ft.	57.1	99,150	69.4	80,000	75.3	65,350	79.0	53,750				
14 ft.	55.0	92,950	68.1	80,000	74.5	63,600	78.4	52,600				
15 ft.	52.8	87,100	66.8	78,400	73.6	61,900	77.7	51,450				
16 ft.	50.5	81,600	65.6	75,050	72.7	60,200	77.0	50,300	79.8	40,800		
17 ft.	48.1	76,450	64.2	71,850	71.8	58,500	76.3	49,200	79.2	40,050		
18 ft.	45.6	71,650	62.9	68,700	70.8	56,900	75.6	48,100	78.7	39,300		
19 ft.	43.0	67,200	61.6	65,700	69.9	55,250	74.9	47,000	78.1	38,600		
20 ft.	40.2	63,150	60.2	62,800	69.0	53,700	74.2	45,900	77.6	37,850		
22 ft.	33.9	56,050	57.4	57,350	67.1	50,600	72.8	43,800	76..4	36,450		
24 ft.	26.1	50,400	54.5	52,300	65.1	47,650	71.3	41,750	75.3	35,050	78.1	30,550
26 ft.	12.9	46,200	51.5	47,700	63.2	44,800	69.8	39,800	74.1	33,700	77.1	29,500
28 ft.			48.3	43,500	61.6	42,100	68.3	37,850	72.9	32,650	76.2	28,500
30 ft.			44.9	39,800	59.0	39,500	66.8	36,000	71.7	31,100	75.2	27,500
32 ft.			41.3	36,500	56.9	37,000	65.2	34,150	70.5	29,800	74.2	26,500
34 ft.			37.3	33,600	54.7	34,600	63.6	32,400	69.3	28,600	73.2	25,550
36 ft.			32.9	31,150	52.4	32,350	62.0	30,750	68.0	27,400	72.2	24,600
38 ft.			27.8	29,150	50.0	30,250	60.3	29,100	66.7	26,200	71.1	23,650
40 ft.			21.4	27,600	47.5	28,200	58.6	27,500	65.4	25,100	70.1	22,750
45 ft.					40.8	23,650	54.2	23,900	62.0	22,400	67.3	20,600
50 ft.					32.7	19,850	49.4	20,600	58.5	19,900	64.5	18,550
55 ft.					21.9	16,800	44.1	17,700	54.7	17,550	61.6	16,700
60 ft.							38.3	15,150	50.8	15,450	58.5	14,900
65 ft.							31.4	13,000	46.5	13,550	55.2	13,300
70 ft.							22.5	11,200	14.8	11,800	51.8	11,800
75 ft.							10.0	9,800	36.7	10,300	48.2	10,400
80 ft.									30.7	8,950	44.4	9,200
85 ft.									23.1	7,800	40.2	8,050
90 ft.									9.5	6,900	35.5	7,100
95 ft.											30.2	6,250
100 ft.											23.7	5,550
105 ft.											13.6	5,000

NOTES:

- *All loads rated at 360° pick*
- *Loads based on crane on outriggers*
- *All "on outriggers" loads are based on 85% tipping*
- *Loads above heavy line are based on structural rating*
- *Loads below heavy line are based on tipping rating*



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PRELIMINARY LOAD CHART: Main Boom - Metric Units

Lifting Capacities 4 Section Boom 11.7 m - 35 m

9,979 kg | 7.29 m | 360°

70 Ton	11.7 m Boom		15.4 m Boom		20.3 m Boom		25.2 m Boom		30.1 m Boom		35 m Boom	
	Boom Angle (deg)	360° Deg (kg)	Boom Angle (deg)	360° Deg (kg)	Boom Angle (deg)	360° Deg (kg)	Boom Angle (deg)	360° Deg (kg)	Boom Angle (deg)	360° Deg (kg)	Boom Angle (deg)	360° Deg (kg)
2.4 m	67°	63,503	75.4°	36,287	79.6°	33,838						
2.7 m	65.1°	57,901	74.2°	36,287	78.8°	32,976						
3 m	63.2°	54,431	73°	36,287	77.9°	32,114						
3.4 m	61.2°	51,120	71.8°	36,287	77.1°	31,298						
3. 7 m	59.2°	47,967	70.6°	36,287	76.2°	30,459						
4 m	57.1°	44,974	69.4°	36,287	75.3°	29,642	79°	24,381				
4.3 m	55°	42,161	68.1°	36,287	74.5°	28,848	78.4°	23,859				
4.6 m	52.8°	39,508	66.8°	35,562	73.6°	28,077	77.7°	23,337				
4.9 m	50.5°	37,013	65.6°	34,042	72.7°	27,306	77°	22,816	79.8°	18,507		
5.2 m	48.1°	34,677	64.2°	32,591	71.8°	26,535	76.3°	22,317	79.2°	18,166		
5.5 m	45.6°	32,500	62.9°	31,162	70.8°	25,809	75.6°	21,818	78.7°	17,826		
5.8 m	43°	30,481	61.6°	29,801	69.9°	25,061	74.9°	21,319	78.1°	17,509		
6.1 m	40.2°	28,644	60.2°	28,486	69°	24,358	74.2°	20,820	77.6°	17,168		
6.7 m	33.9°	25,424	57.4°	26,041	67.1°	22,952	72.8°	19,867	76.4°	16,533		
7.3 m	26.1°	22,861	54.5°	23,723	65.1°	21,614	71.3°	18,937	75.3°	15,898	78.1°	13,857
7.9 m	12.9°	20,956	51.5°	21,636	63.2°	20,321	69.8°	18,053	74.1°	15,286	77.1°	13,381
8.5 m			48.3°	19,731	61.6°	19,096	68.3°	17,168	72.9°	14,674	76.2°	12,927
9.1 m			44.9°	18,053	59°	17,917	66.8°	16,329	71.7°	14,107	75.2°	12,474
9.8 m			41.3°	16,556	56.9°	16,783	65.2°	15,490	70.5°	13,517	74.2°	12,020
10.4 m			37.3°	15,241	54.7°	15,694	63.6°	14,696	69.3°	12,973	73.2°	11,589
11 m			32.9°	14,129	52.4°	14,674	62°	13,948	68°	12,428	72.2°	11,158
11.6 m			27.8°	13,222	50°	13,721	60.3°	13,200	66.7°	11,884	71.1°	10,727
12.2 m			21.4°	12,519	47.5°	12,791	58.6°	12,474	65.4°	11,385	70.1°	10,319
13.7 m					40.8°	10,727	54.2°	10,841	62°	10,160	67.3°	9,344
15.2 m					32.7°	9,004	49.4°	9,344	58.5°	9,026	64.5°	8,414
16.8 m					21.9°	7,620	44.1°	8,029	54.7°	7,961	61.6°	7,575
18.3 m							38.3°	6,872	50.8°	7,008	58.5°	6,759
19.8 m							31.4°	5,897	46.5°	6,146	55.2°	6,033
21.3 m							22.5°	5,080	41.8°	5,352	51.8°	5,352
22.9 m							10°	4,445	36.7°	4,672	48.2°	4,717
24.4 m									30.7°	4,060	44.4°	4,173
25.9 m									23.1	3,538	40.2°	3,651
27.4 m									9.5°	3,130	35.5°	3,221
29 m											30.2°	2,835
30.5 m											23.7°	2,517
32 m											13.6°	2,268

NOTES:

- *All loads rated at 360° pick*
- *Loads based on crane on outriggers*
- *All "on outriggers" loads are based on 85% tipping*
- *Loads above heavy line are based on structural rating*
- *Loads below heavy line are based on tipping rating*

Structural

Tipping

Data published herein is intended as a guide only. Crane operation is subject to the computer charts and operation manual supplied with the crane.

PRELIMINARY JIB LOAD CHART

31 ft. (9.44 m) Retracted Jib

22,000 lb. (9,979 kg) | 23 ft. 11.25 in. (7.29 m) | 360°

Imperial Units

70 Ton	31 ft. Retracted Jib (boom length 146 ft.)		
Load Radius (ft.)	0° Offset	20° Offset	40° Offset
35 ft.	11,000		
40 ft.	10,800	8,850	
45 ft.	10,600	8,600	6,600
50 ft.	10,350	8,350	6,400
55 ft.	9,900	8,100	6,300
60 ft.	9,250	7,800	6,150
65 ft.	8,600	7,250	6,050
70 ft.	7,950	6,850	5,900
75 ft.	7,400	6,500	5,800
80 ft.	6,950	6,250	5,650
85 ft.	6,600	6,050	5,500
90 ft.	6,400	5,700	5,350
95 ft.	5,950	5,400	5,050
100 ft.	5,500	5,150	4,850
105 ft.	4,850	4,850	4,600
110 ft.	4,200	4,300	4,400
115 ft.	3,600	3,750	3.950
120 ft.	3,050	3,300	3,300
125 ft.	2,650	2,750	2,750
130 ft.	2,200	2,300	
135 ft.	1,750	1,750	
140 ft.			
145 ft.			
150 ft.			
155 ft.			

Metric Units

70 Ton	9.44 m Retracted Jib (boom length 44.5 m)		
Load Radius (m)	0° Offset	20° Offset	40° Offset
10.67 m	4,990		
12.19 m	4,899	4,014	
13.72 m	4,808	3,901	2,994
15.24 m	4,695	3,787	2,903
16.76 m	4,491	3,674	2,858
18.29 m	4,196	3,538	2,790
19.81 m	3,901	3,289	2,744
21.34 m	3, 606	3,107	2,676
22.86 m	3,357	2,948	2,631
24.38 m	3,152	2,835	2,563
25.91 m	2,994	2,744	2,495
27.43 m	2,903	2,585	2,427
28.96 m	2,699	2,449	2,291
30.48 m	2,495	2,336	2,200
32.00 m	2,200	2,200	2,087
33.53 m	1,905	1,950	1,996
35.05 m	1,633	1,701	1,792
36.58 m	1,383	1,497	1,497
38.10 m	1,202	1,247	1,247
39.62 m	998	1,043	
41.15 m	794	794	
42.67 m			
44.20 m			
45.72 m			
47.24 m			

Structural
Tipping

WARNING

- *Anti-two block system must be in good operating condition before operating crane.*
- *Refer to the owner's manual.*
- *Keep at least 3 wraps of load line on the drum at all times.*

NOTES:

1. *Switch point from retracted boom to next boom length not to be more than (2) two feet.*
2. *Interpolated for boom angles not shown.*
3. *Shaded loads do not appear on the load chart. The LMI will show these loads as out of range, but, the warning horn and shut off will not operate if loads are within the capacities shown.*

Data published herein is intended as a guide only. Crane operation is subject to the computer charts and operation manual supplied with the crane.

PRELIMINARY JIB LOAD CHART

53 ft. (16.1 m) Extended Jib

22,000 lb. (9,979 kg) | 23 ft. 11.25 in. (7.29 m) | 360°

Imperial Units

70 Ton	53 ft. Extended Jib (boom length 168 ft.)		
Load Radius (ft.)	0° Offset	20° Offset	40° Offset
35 ft.	7,000		
40 ft.	6,800		
45 ft.	6,600		
50 ft.	6,400	4,750	
55 ft.	6,150	4,600	
60 ft.	5,950	4,500	
65 ft.	5,750	4,350	3,350
70 ft.	5,550	4,250	3,300
75 ft.	5,300	4,100	3,200
80 ft.	5,100	3,950	3,150
85 ft.	4,900	3,850	3,050
90 ft.	4,700	3,700	3,000
95 ft.	4,500	3,600	2,950
100 ft.	4,250	3,450	2,900
105 ft.	4,050	3,300	2,800
110 ft.	3,850	3,200	2,750
115 ft.	3,650	3,050	2,700
120 ft.	3,450	2,950	2,650
125 ft.	3,250	2,800	2,600
130 ft.	3,050	2,650	2,500
135 ft.	2,850	2,550	2,450
140 ft.	2,200	1,950	1,950
145 ft.	1,850	1,750	1,750
150 ft.	1,550	1,550	1,550
155 ft.	1,300	1,300	

Metric Units

70 Ton	16.1 m Extended Jib (boom length 51.2 m)		
Load Radius (m)	0° Offset	20° Offset	40° Offset
10.67 m	3,175		
12.19 m	3,084		
13.72 m	2,994		
15.24 m	2,903	2,155	
16.76 m	2,790	2,087	
18.29 m	2,699	2,041	
19.81 m	2,608	1,973	1,520
21.34 m	2,517	1,928	1,497
22.86 m	2,404	1,860	1,451
24.38 m	2,313	1,792	1,429
25.91 m	2,223	1,746	1,383
27.43 m	2,132	1,678	1,361
28.96 m	2,041	1,633	1,338
30.48 m	1,928	1,565	1,315
32.00 m	1,837	1,497	1,270
33.53 m	1,746	1,451	1,247
35.05 m	1,656	1,383	1,225
36.58 m	1,565	1,338	1,202
38.10 m	1,474	1,270	1,179
39.62 m	1,383	1,202	1,134
41.15 m	1,293	1,157	1,111
42.67 m	998	885	885
44.20 m	839	794	794
45.72 m	703	703	703
47.24 m	590	590	

Structural

Tipping

WARNING

- *Anti-two block system must be in good operating condition before operating crane.*
- *Refer to the owner's manual.*
- *Keep at least 3 wraps of load line on the drum at all times.*

NOTES:

1. *Switch point from retracted boom to next boom length not to be more than (2) two feet.*
2. *Interpolated for boom angles not shown.*
3. *Shaded loads do not appear on the load chart. The LMI will show these loads as out of range, but, the warning horn and shut off will not operate if loads are within the capacities shown.*

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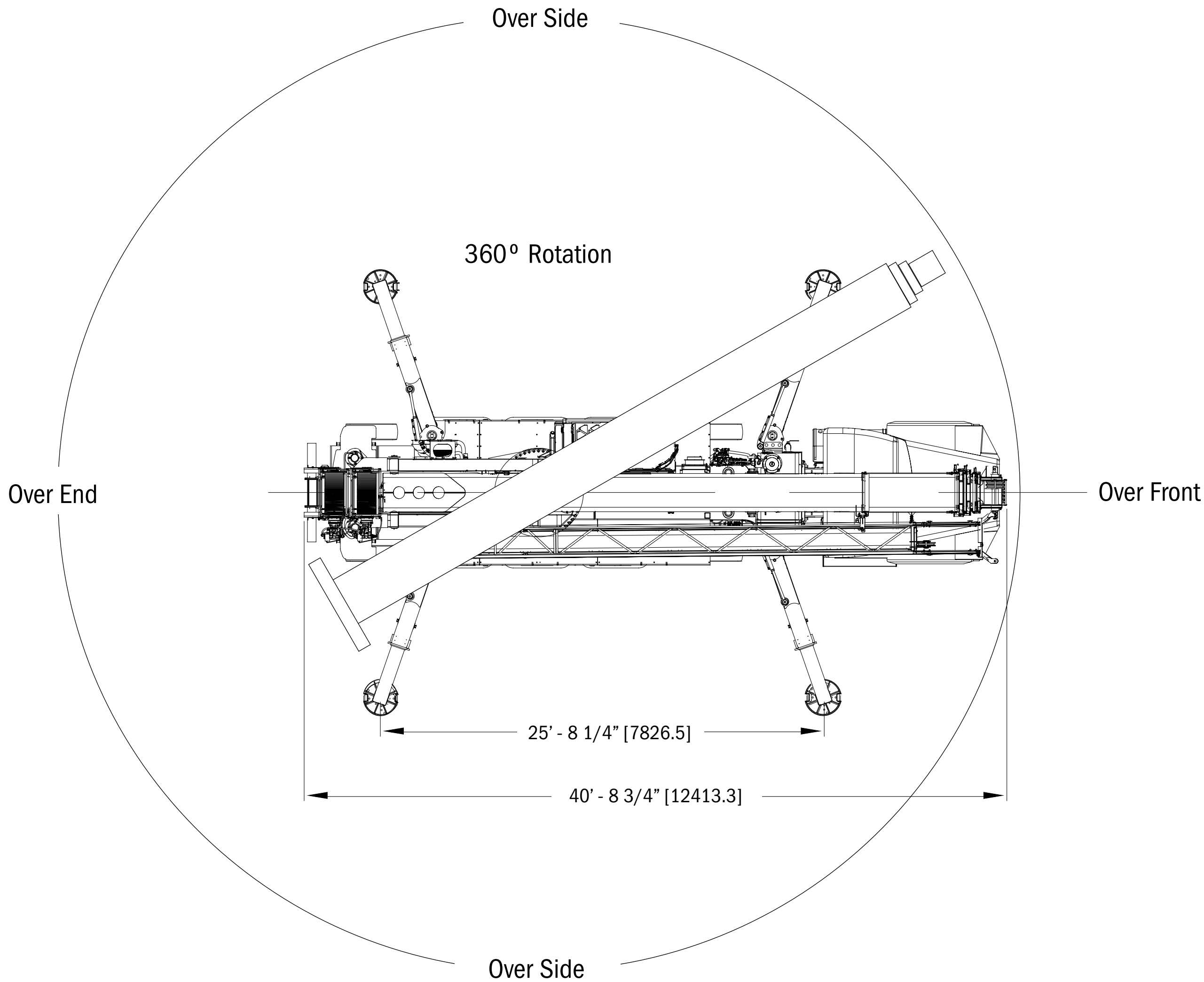
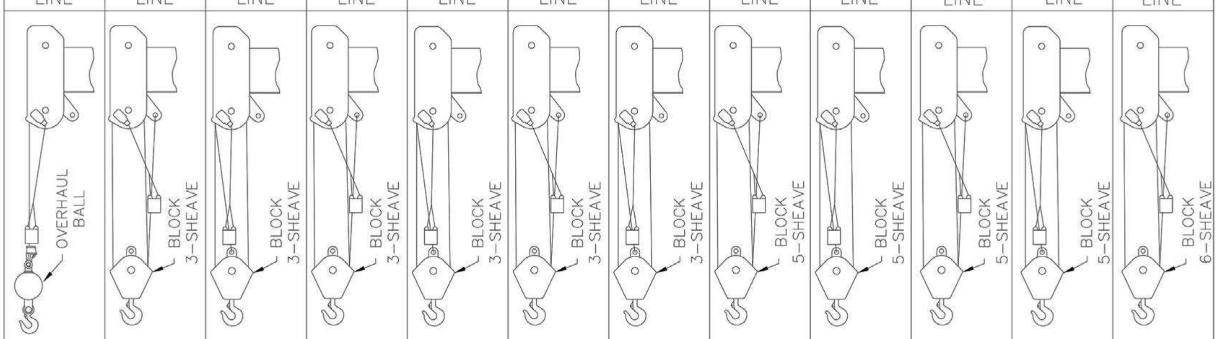
AREA OF OPERATION



REEVING DIAGRAM

ALLOWABLE LINE PULL												WARNING
1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	5 PART LINE	6 PART LINE	7 PART LINE	8 PART LINE	9 PART LINE	10 PART LINE	11 PART LINE	12 PART LINE	ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO THE OWNER'S MANUAL. KEEP AT LEAST 3 WRAPS OF LOAD LINE ON THE DRUM AT ALL TIMES.
11000 LBS	22000 LBS	33000 LBS	44000 LBS	55000 LBS	66000 LBS	77000 LBS	88000 LBS	99000 LBS	110000 LBS	121000 LBS	132000 LBS	5/8" 6 X 19 CLASS (3.5:1 SF) 38,500 LBS MIN BREAKING STRENGTH 5/8" ROT RESISTANT (5:1 SF) 61,200 LBS MIN BREAKING STRENGTH



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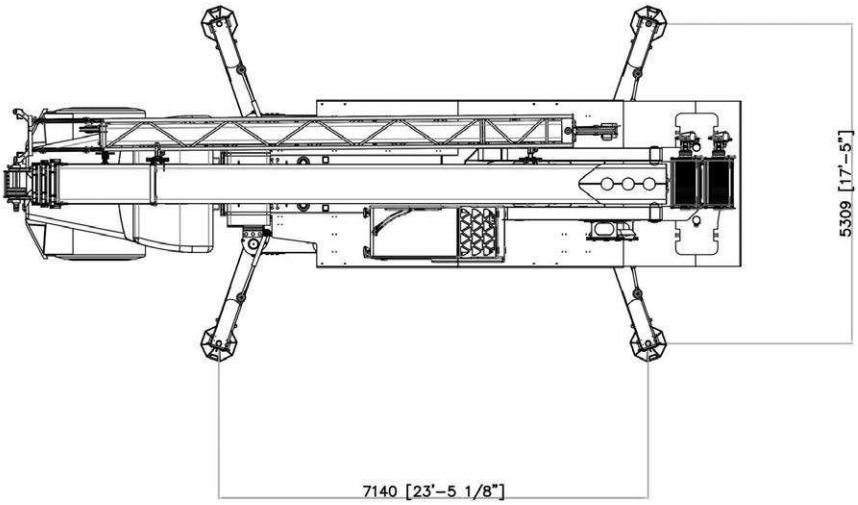
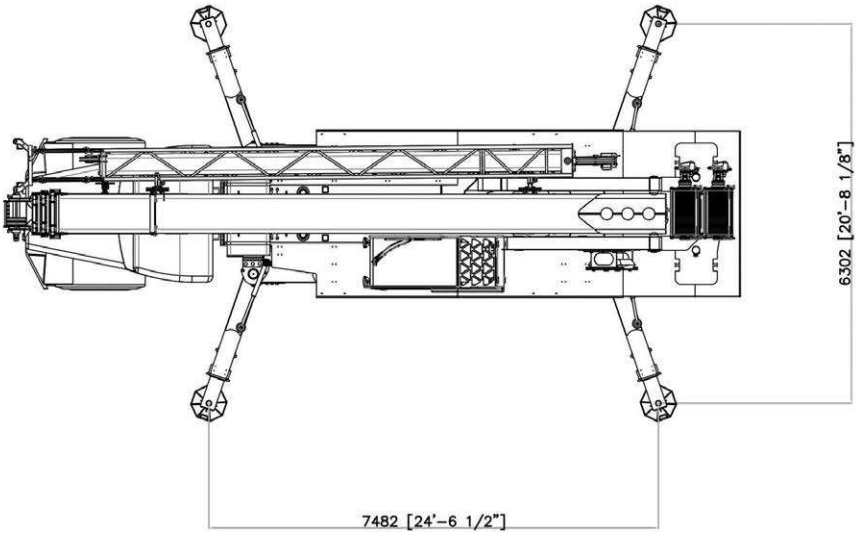
OUTRIGGER EXTENSION

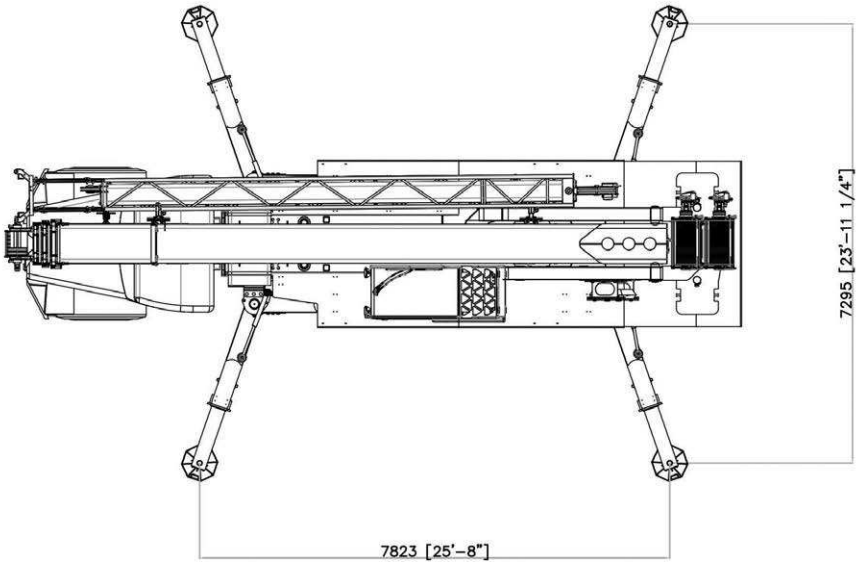
FULL RETRACTION



MIDDLE EXTENSION



FULL EXTENSION



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TECHNICAL DESCRIPTIONS

Boom

Boom length: 38.5 ft. (11.8 m)

Extended boom length: 115 ft. (35 m)

Boom max. tip height: 125 ft. (38.1 m)

Boom angle (min/max): -4°/80°

Rotation

Slewing speed: 0-2.0 rev./min.

Slewing brake: Free swing (pedal applied)

Auto Brake - Spring applied hydraulically released

Boom rotation: 360° continuous

Outriggers

Outrigger: X-Pattern

Max.

- Front and rear:
  Swing, out and down to outer edge of pad:
  25 ft. 9.5 in. (7.9 m)

Mid.

- Front and rear:
  Swing, out and down to outer edge of pad:
  22 ft. 6 in. (6.9 m)

Min.

- Front and rear:
  Swing, out and down to outer edge of pad:
  19 ft. 3 in. (5.9 m)

Stowed

- Front and rear:
  6 ft. 3 in. (2.0 m)

Radio remote - outrigger control

Hoist, Rope and Hook

Winch speed:

First layer

- Low speed - 147.6 fpm (45 m/min)
- High speed - 295.2 fpm (90 m/min)

Fifth layer

- Low speed - 192 fpm (58.5 m/min)
- High speed - 384 fpm (117 m/min)

Max. line pull:

First layer

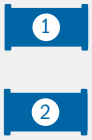
- Low speed - 14,500 lbs. (64.5 kN)
- High speed - 11,240 lbs. (50.0 kN)

Fifth layer

- Low speed - 7,080 lbs. (31.5 kN)
- High speed - 5,500 lbs. (24.5 kN)

Main & auxiliary winch cable diameter:
5/8 in. (16 mm)

Line length: 662 ft. (202 m) Non-spin cable



Main & auxiliary winch: Bent axis 2-speed hydraulic motor

Hydraulics

Max. system pressure at: 4,600 psi (320 bar)

Working system pressure: 3,625 psi (250 bar)

Hydraulic tank capacity: 220 gal. (832.8 L)

Pumps:

- 1 x Load sense piston pump rated at:
  77 gpm (290 lpm)
- 1 x Gear pump rated at: 23 gpm (88 lpm)
- Full flow with bypass protection
- Return: 10 micron filter
- Full proportional control valves

TECHNICAL DESCRIPTIONS

Cab/Cab Controls

- Joystick controls
- Boom extend/retract – slider thumb-switch
- Boom hoist/lower
- Main and auxiliary winch (optional) with thumpers
- Turret swing
- Thumb slide switch for engine rpm
- Foot pedal controls (engine rpm & swing brake)
- Electric over hydraulic controls system using 12 V system controls with Parker IQAN CANBUS system
- Swing lock switch

Counterweight

Counterweights:

Main counterweight with integrated hydraulic mounting system

Hydraulic cylinders allow counterweights to be easily removed and attached without additional lifting devices for placement on the deck of the carrier.

- 1 x Counterweight: 5,500 lbs. (2,495 kg)
- 2 x Counterweight: 11,000 lbs. (4,990 kg)
- 3 x Counterweight: 16,500 lbs. (7,490 kg)
- Full Counterweight: 22,000 lbs. (9,980 Kg)

Operator Aids

- Wired LMI with crane function cut-offs for overload protection
- Graphical display
- Event recorder
- WADS - Work Area Definition System
- Wired anti-two block system

Optional Equipment

Crane cab air conditioner

Tool Box: Multiple configurations

Optional Equipment

Jib

Swing on jib

Angular offset: 0°, 20°, 40°

Max. boom length with extension: 185 ft. (56.4 m)

Min. boom length with extension: 146 ft. (44.5 m)

Fixed length: 31 ft. (9.45 m)
Extended length: 51 ft. (16.1 m)

Hoist, Rope and Hook

Auxiliary head: Installs only to main boom. Must be removed to use the jib.

Auxiliary winch speed:

First layer

- Low speed - 147.6 fpm (45 m/min)
- High speed - 295.2 fpm (90 m/min)

Fifth layer

- Low speed - 192 fpm (58.5 m/min)
- High speed - 384 fpm (117 m/min)

- Hook block - 45 T (40.8 mT)
- Hook block - 50 T (45.4 mT)
- Hook block - 60 T (54.4 mT) Quick Reeve
- Hook block - 70 T (63.5 mT) Quick Reeve
- Top swivel ball with hook and latch 7 T (6.4 mT)

2-person man basket - Steel

- Non-rotating (600 lbs. cap.)
- Rotating (1,200 lbs. cap.)
- Rotating (1,200 lbs. cap.) 2/quick attach

Operator Aids

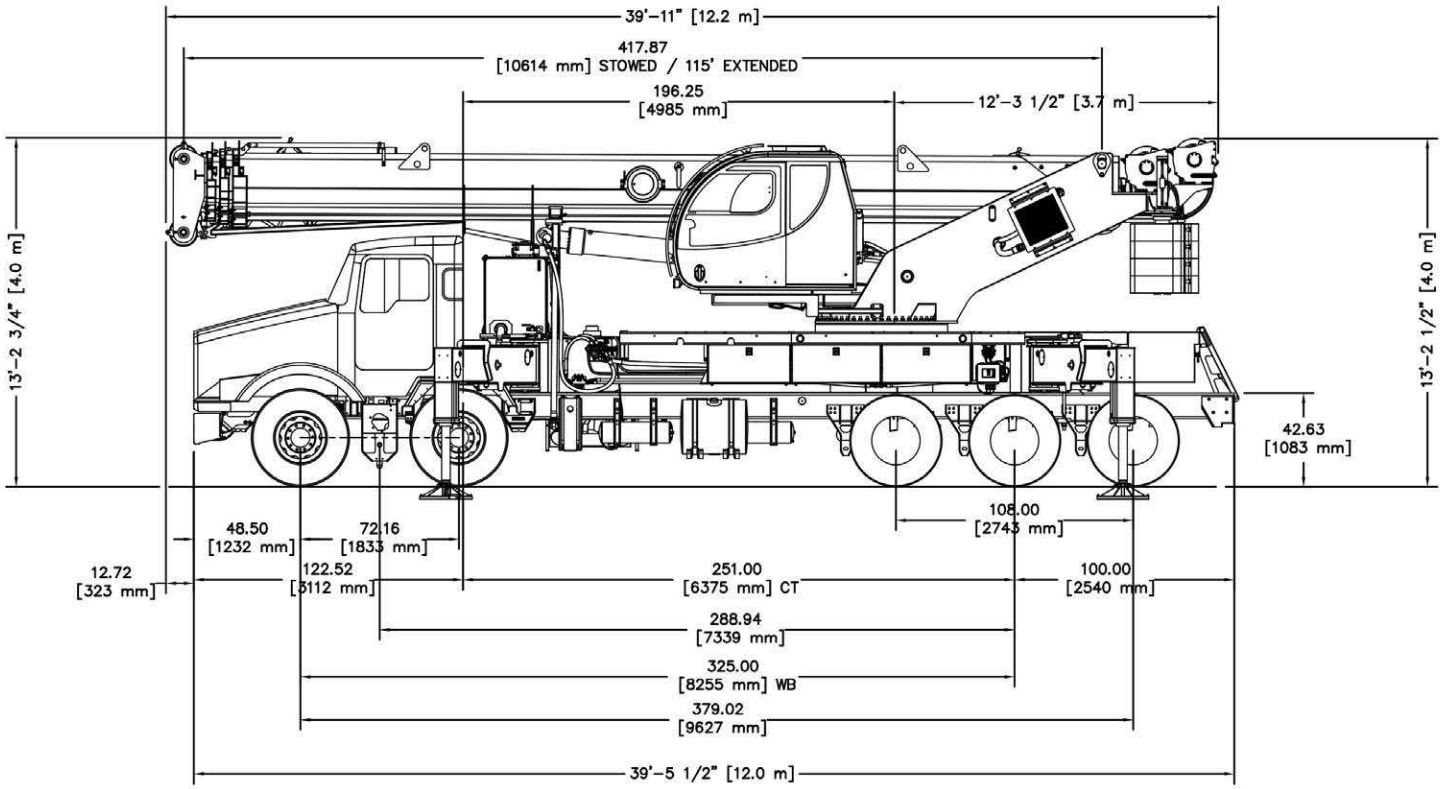
3rd Wrap limiter, main and auxiliary winch

4-Function radio remote crane control system

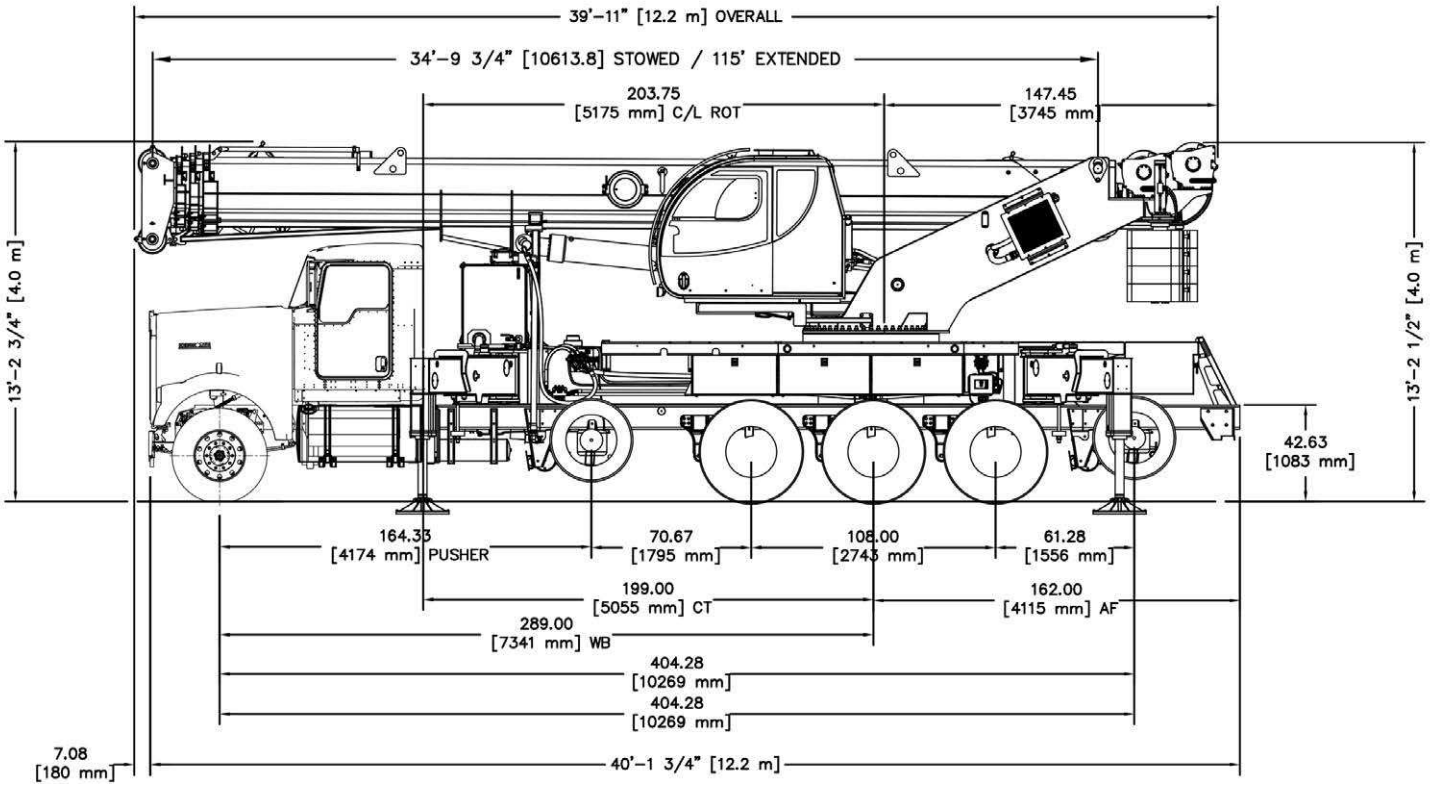
- 900 Mhz
- 433 Mhz

CRANE DIMENSIONS - Imperial & Metric

TC700 ON KW T800



TC700 ON KW W900



Courtesy of CraneMarket.com

PRELIMINARY CHASSIS DATA

KENWORTH T800

Minimum Chassis Requirements	lbs.	kg	Gross Vehicle Weight	lbs.	kg
Gross vehicle weight rating*	109,000	49,440	Base machine**	80,500	36,514
Front axle weight rating	40,000	31,298	Gross vehicle weight*	102,500	46,493
Rear axle weight rating	69,000	31,298	Front axle weight	35,600	16,148
			Rear axle weight	66,900	30,345
Chassis Dimensions	in.	m	Estimated Minimum Chassis Weight		
Wheelbase	289	7.3	Front axle	14,900	6,759
Cab to axle	251	6.4	Tridem axles	12,400	5,625
After frame	100	2.5	Total weight	27,300	12,383
Frame height (unloaded)	42	1.07			
Combined Frame Rail - RBM	lb./in.				
	5,484,000				

KENWORTH W900

Minimum Chassis Requirements	lbs.	kg	Gross Vehicle Weight	lbs.	kg
Gross vehicle weight rating*	102,000	46,266	Base machine**	84,666	38,400
Front axle weight rating	20,000	9,071	Base machine***	79,366	36,000
Rear axle weight rating	69,000	31,298	Gross vehicle weight*	101,300	45,949
Pusher axle	13,200	5,987	Front axle weight	19,700	8,936
Tag axle	13,200	5,987	Rear axle weight	56,600	25,673
Chassis Dimensions	in.	m	Estimated Minimum Chassis Weight		
Wheelbase	289	7.3	Front axle	10,500	4,763
Cab to axle	199	5	Tridem axles	13,300	6,033
After frame	162	4.1	Total weight	23,800	10,796
Frame height (unloaded)	42	1.07			
Combined Frame Rail - RBM	lb./in.				
	3,486,000				

* Weight with auxiliary winch, jib and full (20,000 lbs.) CWT
(CWT to travel must be stored with half on turret and half on subframe)

** Auxiliary winch, jib, zero added counterweight

*** Without auxiliary winch and jib

Manitex

TC700

70-ton (63.5 mt) TELESCOPIC CRANE
PRELIMINARY PRODUCT GUIDE

UPTime

UPTime is the Manitex commitment to complete support of thousands of units working every day.

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