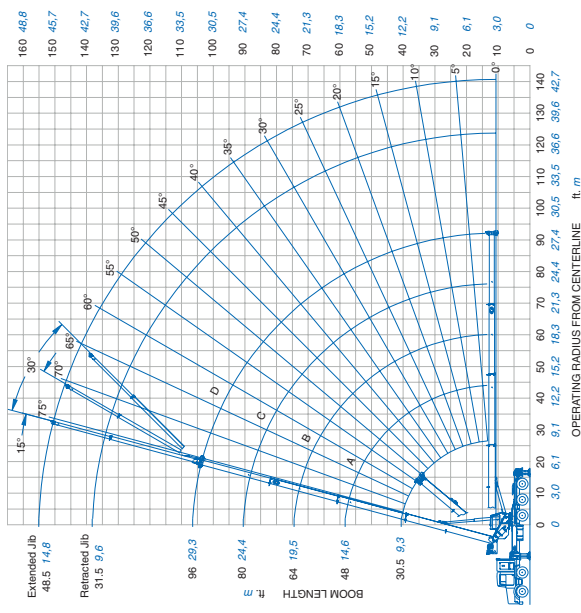


features

- Maximum Lift Capacity of 90,000 lbs at 8' (2,4m)
- 4-Section 96' (29,3m) Proportional Boom
- Maximum Sheave Height of 155' (47,2m)
- Two Speed Planetary Grooved Drum Hoist with Rope Tensioner
- Swing Around Operator Control Station
- Fully Enclosed Cab with Diesel Heater
- 4 Hydraulic Single-Axis Low Effort Boom Controls
- Radio Remote Outrigger Controls with Audible Outrigger and Motion Alarm
- Continuous rotation
- Free Swing
- Hydraulic Oil Cooler
- ACCU-Swing
- Teflon Impregnated Boom Slider Pads
- Sub-Frame for Tractor 5th Wheel (5th wheel not included)
- Air Foot Throttle
- 360° Work Area (Requires F.B.S.)
- Load Moment Indicator with Digital Display, CAN bus, Overload Shutdown and Internal Boom Length Cable
- Radio ATB
- Rugged, Weatherproof, Automotive Style Electrical System
- System Pressure Gauge
- Unparalleled Machine Stability
- Heavy Duty Sub-Frame
- Clamp-On Mounting
- Design Meets ANSI A92.2 and ANSI B30.5 Recommendations
- Manitex **UPTIME** Comprehensive Support



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Meets ANSI B30.5 Requirements - Do not operate crane or accessories with 10' (3.05m) of live power lines.

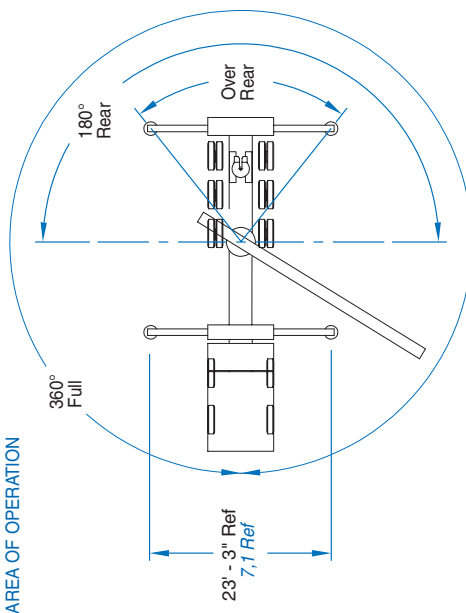
NOTICE: This chart is for reference only and must not be used for lifting purposes. Consult factory for other boom options.

OUTRIGGER AND STABILIZERS FULLY EXTENDED - MODEL 4596T

MAIN BOOM LOAD RATINGS

Operating Radius Feet Meters	Boom Length 30.5 Feet 9.3 Meters			Boom Length 48 Feet 14.6 Meters (A)			Boom Length 64 Feet 19.5 Meters (B)		
	Over Rear	180° Rear	360° Full	Over Rear	180° Rear	360° Full	Over Rear	180° Rear	360° Full
5	89,990 lb. 48,819 kg.	89,990 lb. 48,819 kg.	89,990 lb. 48,819 kg.						
1.52	89,990 lb. 48,819 kg.	89,990 lb. 48,819 kg.	89,990 lb. 48,819 kg.						
8	89,990 lb. 48,819 kg.	89,990 lb. 48,819 kg.	89,990 lb. 48,819 kg.						
2.44	89,990 lb. 48,819 kg.	89,990 lb. 48,819 kg.	89,990 lb. 48,819 kg.						
10	80,000 lb. 36,287 kg.	80,000 lb. 36,287 kg.	71,300 lb. 33,158 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.			
3.05	80,000 lb. 36,287 kg.	80,000 lb. 36,287 kg.	71,300 lb. 33,158 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.			
12	70,000 lb. 31,752 kg.	70,000 lb. 31,752 kg.	64,200 lb. 29,121 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.			
3.66	70,000 lb. 31,752 kg.	70,000 lb. 31,752 kg.	64,200 lb. 29,121 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.			
15	56,000 lb. 25,401 kg.	56,000 lb. 25,401 kg.	52,100 lb. 23,632 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.	40,000 lb. 18,143 kg.	40,000 lb. 18,143 kg.	40,000 lb. 18,143 kg.
4.57	56,000 lb. 25,401 kg.	56,000 lb. 25,401 kg.	52,100 lb. 23,632 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.	51,000 lb. 23,133 kg.	40,000 lb. 18,143 kg.	40,000 lb. 18,143 kg.	40,000 lb. 18,143 kg.
20	41,800 lb. 18,960 kg.	41,800 lb. 18,960 kg.	38,200 lb. 17,327 kg.	42,500 lb. 19,278 kg.	42,500 lb. 19,278 kg.	39,100 lb. 17,735 kg.	37,650 lb. 17,077 kg.	37,650 lb. 17,077 kg.	37,650 lb. 17,077 kg.
6.10	41,800 lb. 18,960 kg.	41,800 lb. 18,960 kg.	38,200 lb. 17,327 kg.	42,500 lb. 19,278 kg.	42,500 lb. 19,278 kg.	39,100 lb. 17,735 kg.	37,650 lb. 17,077 kg.	37,650 lb. 17,077 kg.	37,650 lb. 17,077 kg.
25				35,100 lb. 15,921 kg.	35,100 lb. 15,921 kg.	24,840 lb. 11,267 kg.	30,430 lb. 13,802 kg.	30,430 lb. 13,802 kg.	25,450 lb. 11,543 kg.
7.62				35,100 lb. 15,921 kg.	35,100 lb. 15,921 kg.	24,840 lb. 11,267 kg.	30,430 lb. 13,802 kg.	30,430 lb. 13,802 kg.	25,450 lb. 11,543 kg.
30				29,320 lb. 13,299 kg.	29,320 lb. 13,299 kg.	16,790 lb. 7,615 kg.	27,040 lb. 12,265 kg.	27,040 lb. 12,265 kg.	17,330 lb. 7,860 kg.
9.14				29,320 lb. 13,299 kg.	29,320 lb. 13,299 kg.	16,790 lb. 7,615 kg.	27,040 lb. 12,265 kg.	27,040 lb. 12,265 kg.	17,330 lb. 7,860 kg.
35				24,420 lb. 11,076 kg.	24,420 lb. 11,076 kg.	12,170 lb. 5,520 kg.	24,130 lb. 10,945 kg.	24,130 lb. 10,945 kg.	12,680 lb. 5,751 kg.
10.67				24,420 lb. 11,076 kg.	24,420 lb. 11,076 kg.	12,170 lb. 5,520 kg.	24,130 lb. 10,945 kg.	24,130 lb. 10,945 kg.	12,680 lb. 5,751 kg.
40				20,690 lb. 9,384 kg.	20,690 lb. 9,384 kg.	17,330 lb. 7,860 kg.	21,110 lb. 9,575 kg.	21,110 lb. 9,575 kg.	17,850 lb. 8,066 kg.
12.19				20,690 lb. 9,384 kg.	20,690 lb. 9,384 kg.	17,330 lb. 7,860 kg.	21,110 lb. 9,575 kg.	21,110 lb. 9,575 kg.	17,850 lb. 8,066 kg.
45							18,220 lb. 8,264 kg.	18,220 lb. 8,264 kg.	14,500 lb. 6,577 kg.
13.72							18,220 lb. 8,264 kg.	18,220 lb. 8,264 kg.	14,500 lb. 6,577 kg.
50							15,890 lb. 7,193 kg.	15,890 lb. 7,193 kg.	12,020 lb. 5,452 kg.
15.24							15,890 lb. 7,193 kg.	15,890 lb. 7,193 kg.	12,020 lb. 5,452 kg.
55							13,960 lb. 6,332 kg.	13,960 lb. 6,332 kg.	10,090 lb. 4,576 kg.
16.76							13,960 lb. 6,332 kg.	13,960 lb. 6,332 kg.	10,090 lb. 4,576 kg.

AREA OF OPERATION



USE THIS CHART ONLY WHEN OUTRIGGERS & STABILIZERS ARE FULLY EXTENDED.

OUTRIGGER AND STABILIZERS FULLY EXTENDED - MODEL 4596T

MAIN BOOM LOAD RATINGS

Operating Radius Feet Meters	Boom Length 80 Feet 24.4 Meters (C)			Boom Length 96 Feet 29.3 Meters (D)		
	Over Rear	180° Rear	360° Full	Over Rear	180° Rear	360° Full
20	27,500 lb. 12,473 kg.	27,500 lb. 12,473 kg.	27,500 lb. 12,473 kg.			
6.1	27,500 lb. 12,473 kg.	27,500 lb. 12,473 kg.	27,500 lb. 12,473 kg.			
25	24,300 lb. 11,022 kg.	24,300 lb. 11,022 kg.	24,300 lb. 11,022 kg.	18,000 lb. 8,164 kg.	18,000 lb. 8,164 kg.	18,000 lb. 8,164 kg.
7.6	24,300 lb. 11,022 kg.	24,300 lb. 11,022 kg.	24,300 lb. 11,022 kg.	18,000 lb. 8,164 kg.	18,000 lb. 8,164 kg.	18,000 lb. 8,164 kg.
30	21,280 lb. 9,652 kg.	21,280 lb. 9,652 kg.	21,280 lb. 9,652 kg.	17,500 lb. 7,937 kg.	17,500 lb. 7,937 kg.	17,500 lb. 7,937 kg.
9.1	21,280 lb. 9,652 kg.	21,280 lb. 9,652 kg.	21,280 lb. 9,652 kg.	17,500 lb. 7,937 kg.	17,500 lb. 7,937 kg.	17,500 lb. 7,937 kg.
35	19,050 lb. 8,640 kg.	19,050 lb. 8,640 kg.	19,050 lb. 8,640 kg.	16,240 lb. 7,366 kg.	16,240 lb. 7,366 kg.	16,240 lb. 7,366 kg.
10.7	19,050 lb. 8,640 kg.	19,050 lb. 8,640 kg.	19,050 lb. 8,640 kg.	16,240 lb. 7,366 kg.	16,240 lb. 7,366 kg.	16,240 lb. 7,366 kg.
40	16,980 lb. 7,702 kg.	16,980 lb. 7,702 kg.	16,980 lb. 7,702 kg.	14,660 lb. 6,649 kg.	14,660 lb. 6,649 kg.	14,660 lb. 6,649 kg.
12.2	16,980 lb. 7,702 kg.	16,980 lb. 7,702 kg.	16,980 lb. 7,702 kg.	14,660 lb. 6,649 kg.	14,660 lb. 6,649 kg.	14,660 lb. 6,649 kg.
45	15,250 lb. 6,917 kg.	15,250 lb. 6,917 kg.	15,250 lb. 6,917 kg.	13,280 lb. 6,023 kg.	13,280 lb. 6,023 kg.	13,280 lb. 6,023 kg.
13.7	15,250 lb. 6,917 kg.	15,250 lb. 6,917 kg.	15,250 lb. 6,917 kg.	13,280 lb. 6,023 kg.	13,280 lb. 6,023 kg.	13,280 lb. 6,023 kg.
50	13,800 lb. 6,259 kg.	13,800 lb. 6,259 kg.	13,800 lb. 6,259 kg.	12,130 lb. 5,502 kg.	12,130 lb. 5,502 kg.	12,130 lb. 5,502 kg.
15.2	13,800 lb. 6,259 kg.	13,800 lb. 6,259 kg.	13,800 lb. 6,259 kg.	12,130 lb. 5,502 kg.	12,130 lb. 5,502 kg.	12,130 lb. 5,502 kg.
55	12,550 lb. 5,692 kg.	12,550 lb. 5,692 kg.	12,550 lb. 5,692 kg.	11,080 lb. 5,024 kg.	11,080 lb. 5,024 kg.	11,080 lb. 5,024 kg.
16.8	12,550 lb. 5,692 kg.	12,550 lb. 5,692 kg.	12,550 lb. 5,692 kg.	11,080 lb. 5,024 kg.	11,080 lb. 5,024 kg.	11,080 lb. 5,024 kg.
60	11,480 lb. 5,198 kg.	11,480 lb. 5,198 kg.	11,480 lb. 5,198 kg.	10,190 lb. 4,632 kg.	10,190 lb. 4,632 kg.	10,190 lb. 4,632 kg.
18.3	11,480 lb. 5,198 kg.	11,480 lb. 5,198 kg.	11,480 lb. 5,198 kg.	10,190 lb. 4,632 kg.	10,190 lb. 4,632 kg.	10,190 lb. 4,632 kg.
65	10,520 lb. 4,771 kg.	10,520 lb. 4,771 kg.	10,520 lb. 4,771 kg.	9,384 lb. 4,259 kg.	9,384 lb. 4,259 kg.	9,384 lb. 4,259 kg.
19.8	10,520 lb. 4,771 kg.	10,520 lb. 4,771 kg.	10,520 lb. 4,771 kg.	9,384 lb. 4,259 kg.	9,384 lb. 4,259 kg.	9,384 lb. 4,259 kg.
70	9,960 lb. 4,517 kg.	9,960 lb. 4,517 kg.	9,960 lb. 4,517 kg.	8,820 lb. 4,000 kg.	8,820 lb. 4,000 kg.	8,820 lb. 4,000 kg.
21.3	9,960 lb. 4,517 kg.	9,960 lb. 4,517 kg.	9,960 lb. 4,517 kg.	8,820 lb. 4,000 kg.	8,820 lb. 4,000 kg.	8,820 lb. 4,000 kg.
75				8,150 lb. 3,696 kg.	8,150 lb. 3,696 kg.	8,150 lb. 3,696 kg.
22.9				8,150 lb. 3,696 kg.	8,150 lb. 3,696 kg.	8,150 lb. 3,696 kg.
80				7,530 lb. 3,415 kg.	7,530 lb. 3,415 kg.	7,530 lb. 3,415 kg.
24.4				7,530 lb. 3,415 kg.	7,530 lb. 3,415 kg.	7,530 lb. 3,415 kg.
85				6,990 lb. 3,170 kg.	6,990 lb. 3,170 kg.	6,990 lb. 3,170 kg.
25.9				6,990 lb. 3,170 kg.	6,990 lb. 3,170 kg.	6,990 lb. 3,170 kg.
90				6,080 lb. 2,757 kg.	6,080 lb. 2,757 kg.	6,080 lb. 2,757 kg.
27.4				6,080 lb. 2,757 kg.	6,080 lb. 2,757 kg.	6,080 lb. 2,757 kg.