



series 1704

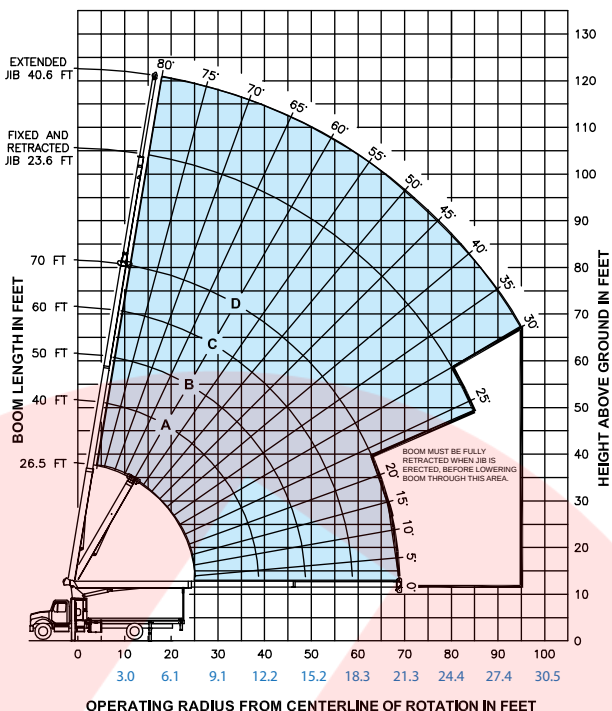
BOOM TRUCKS

features

- 17 Ton (15,5 mton) Capacity
- 3-Section Proportional Boom 70' (21,3 m)
- Fixed Jib Option 24' (7,2 m)
- 2-Section Telescopic Jib Option 40' (12,2 m)
- Self-Lubricating Boom Slider Pads
- 121' 3" (36,9 m) Maximum Tip Height
- 2-Speed Planetary Hoist with Grooved Drum and Negative Draft Flange
- Radio ATB
- Removable Boom Rest
- Load Moment Indicator with Digital Display, CANbus Interface, Overload Shutdown and Internal Boom Length Cable
- 20' 10" (6,4 m) A-Frame Outriggers
- 10' (3 m) A-Frame Rear Stabilizers
- Optional Front Bumper Stabilizer for 360° Area of Operation; equipped with FirstUp auto retract feature.
- System Pressure Gauge
- Clamp-On Mounting
- Rugged, Weatherproof, Connectorized Electrical System. Circuit Status LED for LMI Option
- Manitex UPTIME Comprehensive Support



product guide



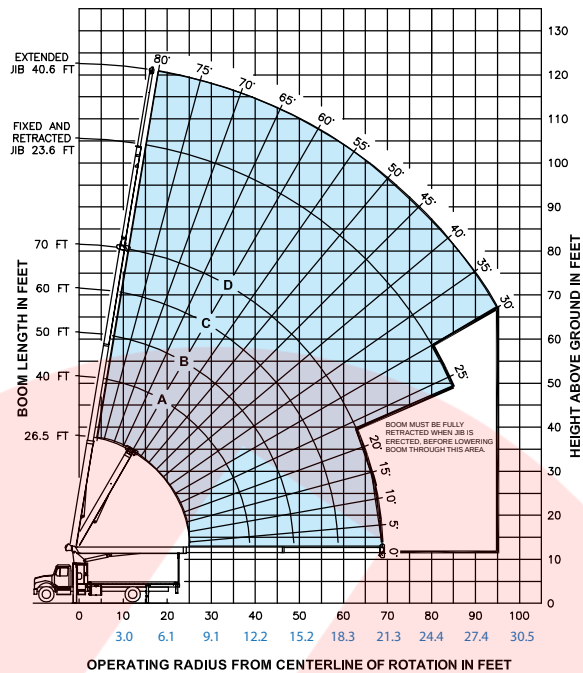
OPERATING RADIUS FROM CENTERLINE OF ROTATION IN FEET

FULLY EXTENDED OUTRIGGER SPREAD: MODEL 1770C															RATINGS BY BOOM ANGLE ONLY										
MAIN BOOM LOAD RATINGS															JIB LOAD RATINGS										
		Boom Length			A			B			C			D			Fixed Jib			Retracted Jib			Extended Jib		
Operating Radius		26.5 Feet 8.08 Meters			40 Feet 12.19 Meters			50 Feet 15.24 Meters			60 Feet 18.29 Meters			70 Feet 21.34 Meters			23.6 Feet 7.19 Meters			23.6 Feet 7.19 Meters			40.6 Feet 12.37 Meters		
Feet	Meters	∠	lb	kg	∠	lb	kg	∠	lb	kg	∠	lb	kg	∠	lb	kg	∠	lb	kg	∠	lb	kg	∠	lb	kg
5	1.52	79	34000	15422																					
8	2.44	73	23930	10854	79	22330	10129																		
10	3.05	68	20230	9176	76	18670	8469	80	18000	8165															
12	3.66	63	17600	7983	73	16100	7303	77	15450	7008	80	13420	6087												
15	4.57	55	14420	6541	69	13400	6078	74	12780	5797	77	11900	5398	80	9400	4264									
20	6.10	40	10350	4695	61	10540	4781	68	9970	4522	72	9550	4332	76	8180	3710	80	4400	1996	80	4200	1905			
25	7.62	12	7830	3552	52	8070	3660	61	8130	3688	67	7800	3538	71	7000	3175	78	4200	1905	78	4000	1814	80	3000	1361
30	9.14				41	6400	2903	54	6470	2935	62	6510	2953	67	6050	2744	75	4000	1814	75	3800	1724	78	2660	1207
35	10.67				28	5160	2341	47	5240	2377	56	5280	2395	62	5280	2395	71	3600	1633	71	3380	1533	75	2380	1080
40	12.19							37	4200	1905	50	4260	1932	58	4300	1950	68	3220	1461	68	3010	1365	72	2150	975
45	13.72							25	3360	1524	43	3420	1551	52	3460	1569	65	2880	1306	65	2650	1202	69	1940	880
50	15.24										35	2790	1266	47	2820	1279	61	2580	1170	61	2340	1061	66	1770	803
55	16.76										24	2290	1039	40	2330	1057	57	2310	1048	57	2060	934	63	1620	735
60	18.29													33	1930	875	53	2020	916	53	1790	812	60	1490	676
65	19.81													23	1600	726	49	1690	767	49	1460	662	57	1380	626
70	21.34																45	1410	640	45	1180	535	54	1280	581
75	22.86																40	1180	535	40	950	431	51	1190	540
80	24.38																34	980	445	34	750	340	47	1030	467
85	25.91																27	810	367	27	570	259	43	850	386
90	27.43																						39	700	318
95	28.96																						34	560	254
100	30.48																								
105	32.00																								
110	33.53																								
		350 lbs 159 kg			240 lbs 109 kg			190 lbs 86 kg			160 lbs 73 kg			140 lbs 64 kg			Deductions for Stowed Fixed Jib								
		530 lbs 240 kg			350 lbs 159 kg			280 lbs 127 kg			240 lbs 109 kg			200 lbs 91 kg			Deductions for Stowed Telescopic Jib								

Meets ANSI B30.5 Requirements - Do not operate crane or accessories within 10' (3.05 m) 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.

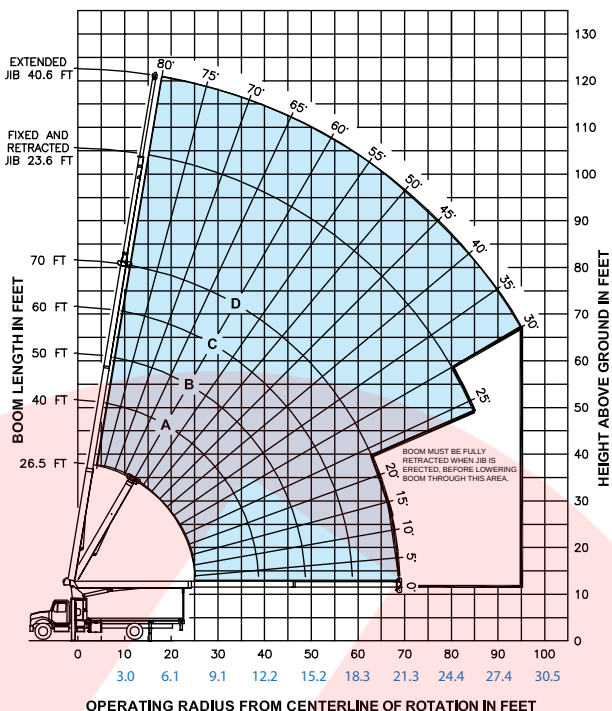


RANGE DIAGRAM



FULLY EXTENDED OUTRIGGER SPREAD: MODEL 1770C															RATINGS BY BOOM ANGLE ONLY										
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		Boom Length			A			B			C			D			Fixed Jib			Retracted Jib			Extended Jib		
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12	3.66	63	17600	7983	73	16100	7303	77	15450	7008	80	13420	6087												
15	4.57	55	14420	6541	69	13400	6078	74	12780	5797	77	11900	5398	80	9400	4264									
20	6.10	40	10350	4695	61	10540	4781	68	9970	4522	72	9550	4332	76	8180	3710	80	4400	1996	80	4200	1905			
25	7.62	12	7830	3552	52	8070	3660	61	8130	3688	67	7800	3538	71	7000	3175	78	4200	1905	78	4000	1814	80	3000	1361
30	9.14				41	6400	2903	54	6470	2935	62	6510	2953	67	6050	2744	75	4000	1814	75	3800	1724	78	2660	1207
35	10.67				28	5160	2341	47	5240	2377	56	5280	2395	62	5280	2395	71	3600	1633	71	3380	1533	75	2380	1080
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- **3-Section Proportional Boom 70' (21,3 m)**
- **Fixed Jib Option 24' (7,2 m)**
- **2-Section Telescopic Jib Option 40' (12,2 m)**
- **Self-Lubricating Boom Slider Pads**
- **121' 3" (36,9 m) Maximum Tip Height**
- **2-Speed Planetary Hoist with Grooved Drum and Negative Draft Flange**
- **Radio ATB**
- **Removable Boom Rest**
- **Load Moment Indicator with Digital Display, CANbus Interface, Overload Shutdown and Internal Boom Length Cable**
- **20' 10" (6,4 m) A-Frame Outriggers**
- **10' (3 m) A-Frame Rear Stabilizers**
- **Optional Front Bumper Stabilizer for 360° Area of Operation; equipped with FirstUp auto retract feature.**
- **System Pressure Gauge**
- **Clamp-On Mounting**
- **Rugged, Weatherproof, Connectorized Electrical System. Circuit Status LED for LMI Option**
- **Manitex UPTIME Comprehensive Support**



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