

**PRENTICE**

**2180 • 2210 Knuckleboom Loaders**



***Built Better Than It Needs To Be***



No matter what logging job you're on, Prentice has the loader to make your day productive, profitable and comfortable. Prentice loaders are built using advanced boom design technology, for the strength and reliability needed to meet the demands of high production slashing and loading. Advanced features such as smooth and responsive joystick controls, and quiet, comfortable cabs, contribute to making the name Prentice synonymous with quality.

- Welded high-strength steel booms
- Standard 27' boom reach
- Swing speeds up to 8 RPM
- Heavy-duty subframes
- Lock valves integrated into stabilizer circuit

- Wide stabilizer leg spread
- Large pad size
- Factory installed hydraulic packages
  - Bar saw slasher
  - Circle saw slasher
  - OEM Carrier

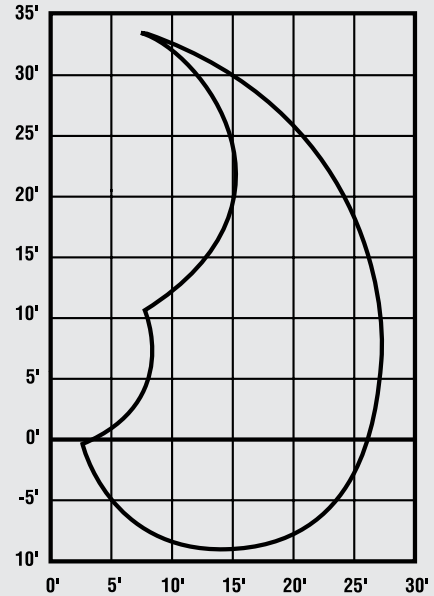
Spacious operator cabs, featuring:

- Large tinted cab windows and LEXAN skylight
- Impact tested swing out front guard
- Large fully adjustable suspension seat with lumbar support and fold-up armrests

# 2180 · 2210 LIFT CAPACITIES

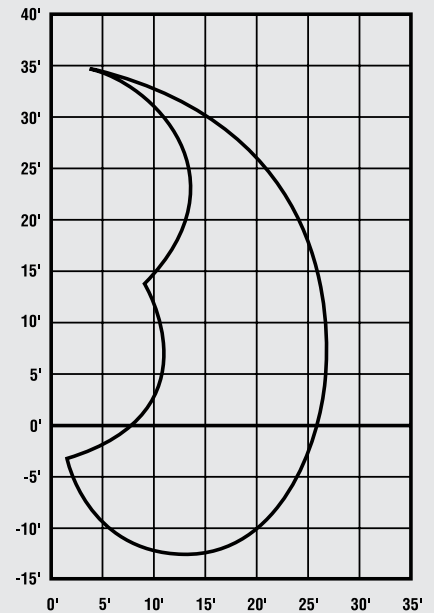
## 2180 Lift Capacity

Lift Point Height	Lift Point Radius										
	10'	3m	15'	4.6m	20'	6.1m	25'	7.6m	Max.	Max.	
	lbs.	kg.	lbs.	kg.	lbs.	kg.	lbs.	kg.	lbs.	kg.	
30'/9.1m			<b>4610</b>	<b>2091.1</b>							100% Hyd
			4011	1819.4							Over End
			4011	1819.4							Over Side
25'/7.6m			<b>9138</b>	<b>4145</b>	<b>5308</b>	<b>2407.7</b>					100% Hyd
			7950	3606.1	4618	2094.7					Over End
			7950	3606.1	4618	2094.7					Over Side
20'/6.1m			<b>9056</b>	<b>4107.8</b>	<b>8320</b>	<b>3773.9</b>					100% Hyd
			7879	3573.9	7238	3283.1					Over End
			7879	3573.9	7238	3283.1					Over Side
15'/4.6m			<b>10615</b>	<b>4815</b>	<b>9151</b>	<b>4150.9</b>	<b>5714</b>	<b>2591.9</b>	<b>1076</b>	<b>488.1</b>	100% Hyd
			9235	4189	7961	3611.1	4971	2254.8	936	424.6	Over End
			9235	4189	7961	3611.1	4971	2254.8	936	424.6	Over Side
10'/3m	<b>17869</b>	<b>8105.4</b>	<b>13989</b>	<b>6345.4</b>	<b>11322</b>	<b>5135.6</b>	<b>7657</b>	<b>3473.2</b>	<b>1023</b>	<b>464</b>	100% Hyd
	15546	7051.7	12170	5520.3	9850	4468	6662	3021.9	890	403.7	Over End
	15546	7051.7	12170	5520.3	8204*	3721.3	6662*	3021.9	890	403.7	Over Side
5'/1.5m	<b>23502</b>	<b>10660.5</b>	<b>15630*</b>	<b>7089.8</b>	<b>11869</b>	<b>5383.8</b>	<b>7500</b>	<b>3402</b>	<b>1021</b>	<b>463.1</b>	100% Hyd
	20447	9274.8	13598*	6168	10326	4683.9	6525	2959.7	888	402.8	Over End
	20447	9274.8	13191*	5983.4	7977*	3618.4	6525*	2959.7	888	402.8	Over Side
0 0.0	<b>18875</b>	<b>8561.7</b>	<b>15906*</b>	<b>7215</b>	<b>11646</b>	<b>5282.6</b>	<b>6549</b>	<b>2970.6</b>			100% Hyd
	16421	7448.6	13838*	6276.9	10132	4595.9	5698	2584.6			Over End
	16421	7448.6	12792*	5802.4	7815*	3544.9	5698*	2584.6			Over Side
-5'/-1.5m	<b>16660</b>	<b>7557</b>	<b>14074</b>	<b>6384</b>	<b>9861</b>	<b>4472.9</b>					100% Hyd
	14494	6574.5	12244	5553.9	8579	3891.4					Over End
	14494	6574.5	12244	5553.9	7783*	3530.4					Over Side



## 2210 Lift Capacity

Lift Point Height	Lift Point Radius										
	10'	3m	15'	4.6m	20'	6.1m	25'	7.6m	Max.	Max.	
	lbs.	kg.	lbs.	kg.	lbs.	kg.	lbs.	kg.	lbs.	kg.	
30'/9.1m			<b>10085</b>	<b>4574.6</b>							100% Hyd
			8774	3979.9							Over End
			8774	3979.9							Over Side
25'/7.6m			<b>11483</b>	<b>5208.7</b>	<b>8978</b>	<b>4076.5</b>					100% Hyd
			9990	4531.5	7811	3543.1					Over End
			9990	4531.5	7811	3543.1					Over Side
20'/6.1m			<b>11567</b>	<b>5246.8</b>	<b>10166</b>	<b>4611.3</b>					100% Hyd
			10063	4564.6	8844	4011.6					Over End
			10063	4564.6	8844	4011.6					Over Side
15'/4.6m			<b>12507</b>	<b>5673.2</b>	<b>10455</b>	<b>4742.4</b>	<b>8718</b>	<b>3954.5</b>	<b>4079</b>	<b>1850.2</b>	100% Hyd
			10881	4935.6	9096	4125.9	7585	3440.5	3549	1609.8	Over End
			10881	4935.6	9096	4125.9	7088*	3215.1	3549	1609.8	Over Side
10'/3m	<b>13901</b>	<b>6305.5</b>	<b>12226</b>	<b>5545.7</b>	<b>8643</b>	<b>3920.5</b>	<b>3917</b>	<b>1776.5</b>			100% Hyd
	12094	5485.8	10637	4824.9	7519	3410.6	3408	1545.9			Over End
	12094	5485.8	10103*	4582.7	7029*	3188.3	3408	1545.9			Over Side
5'/1.5m	<b>19224*</b>	<b>8720.0</b>	<b>14375</b>	<b>6520.5</b>	<b>8969</b>	<b>4068.3</b>	<b>3905</b>	<b>1771.3</b>			100% Hyd
	16725*	7586.5	12506	5672.7	7803	3539.4	3397	1540.9			Over End
	16247*	7369.7	9054*	4106.9	6950*	3152.5	3397	1540.9			Over Side
0 0.0	<b>9641</b>	<b>4373.2</b>	<b>18389*</b>	<b>8341.2</b>	<b>13364</b>	<b>6061.9</b>	<b>7833</b>	<b>3553</b>			100% Hyd
	8388	3804.8	15998*	7256.7	11627	5274	6815	3091.3			Over End
	8388	3804.8	15843*	7186.4	9690*	4395.4	6815	3091.3			Over Side
-5'/-1.5m	<b>14046</b>	<b>6371.3</b>	<b>14968</b>	<b>6789.5</b>	<b>10337</b>	<b>4688.8</b>					100% Hyd
	12220	5543	13022	5906.8	8993	4079.2					Over End
	12220	5543	13022	5906.8	8993	4079.2					Over Side
-10'/-3m	<b>10979</b>	<b>4980.1</b>	<b>8253</b>	<b>3743.6</b>	<b>2425</b>	<b>1100</b>					100% Hyd
	9552	4332.8	7180	3256.8	2110	957.1					Over End
	9552	4332.8	7180	3256.8	2110	957.1					Over Side



### NOTES:

Do not attempt to lift or hold any load that is greater than the rated values over the end or side at their specified lift point and height.

The weight of the grapple and all lifting accessories must be deducted from lift capacities shown.

1. The over end capacities and over side capacities do not exceed 87% of hydraulic limited capacity or 75% of stability limited capacity.

Stability limited capacities are indicated with an asterisk (\*).

2. The lift point is located at the boom pivot pin.

3. Lift capacities are based on the machine standing on firm, uniform supporting surface. User must make allowances for job site conditions.

4. Operator should be fully acquainted with the Operator's Manual and all safety instructions furnished by Blount, Inc. prior to operating the machine.

5. Lift capacities are in compliance with SAE J2417, "Lift Capacity Calculation Method—Knuckleboom Log Loaders and Certain Forestry Equipment".

## 2180 · 2210 SPECIFICATIONS

<b>Engines &amp; Driveline</b>		<b>2180</b>	<b>2210</b>
Cummins	4BTA, 107HP	STD	NA
	QSB, 155HP, TIER 2 Compliant	NA	STD
Deere	4045T, 110HP	OPT	NA
	6068T, 150HP, TIER 2 Compliant	NA	OPT
Engine RPM	Full Load Governed	2100	2200
Electrical	12 V System		
	Circuit Breaker Protection	STD	STD
	Master Electrical Disconnect Switch	NA	STD
	2 Cab Mounted Work Lights	STD	STD
	2 Boom Lights	OPT	OPT
	Block Heater	NA	OPT
	Cold Weather Start Kit	NA	OPT
Pump Drive	Direct	STD	STD
	1 1/2" Manual Clutch	OPT	OPT
<b>Operator's Cab</b>			
38.5" X 56" right side mounted w/ isolation pads, Tinted Safety Glass Windows, Lexan Skylight, Sun Visor, Fully adjustable Seat w/ Fold-up armrests, Operator protection Guard, Pressurized Cab w/ Heater, Integral Heat/AC Ductwork, Analog Gauges, Windshield Wiper/Washer, Horn, Defroster Fan, Lighter, Dome Light, Fire Extinguisher, Swing Open Door w/ Sliding Window, Sliding Cab Window		STD	STD
Pressurized Cab w/ Heat/Air Conditioning, Tachometer, AM/FM Cassette Radio		OPT	OPT
<b>Hydraulic System</b>			
3 in-line gear pumps		STD	STD
Flows	GPM @ 2200 RPM	35, 35, 18	44, 33, 22
	Pilot Pump (Standard w/ pilot joysticks)	NA	STD
Pressure	System PSI / Swing PSI	2,500 / 2,600	2,200 / 2,200
Swing Motor	Radial Piston Motor	STD	STD
Swing Speed	RPM	7	8
Controls	Mechanical Levers	STD	NA
	Pilot Joysticks	OPT	STD
	Single Rocker Type Swing Pedal	STD	STD
	Mechanical Stabilizer Controls	STD	NA
	Electrical Stabilizer Controls	NA	STD
Filtration, Swivel & Serviceability	Single Element Return Filter, Steel Barrel Swivel w/ Durabar Core, Diagnostic nipples on pumps	STD	STD
Auxiliary Hydraulics	Bar Slasher/Hydraulics	OPT	OPT
	Carrier Hydraulics, Circle Saw Hydraulics	NA	OPT
Cylinders	Bore x Rod (in.)		
	Main (2)	5" x 3"	6" x 4"
	Stick (1)	6" x 3"	6" x 4"
	Live Heel	NA	6" x 4"
	Stabilizer(4)	5" x 2.5"	6" x 4"
<b>Structural</b>			
Counterweight	Lbs. Cast Steel	NA	1,100
Tailswing	with/without counterweight	99"	102"
Booms	27' Knuckleboom	STD	STD
	29' Knuckleboom	OPT	NA
	30' Knuckleboom	NA	OPT
	30' Tuckaway Live Heel Boom	NA	OPT
Heels	Single "V" Heel, Double "W" Heel	OPT	OPT
Grapple Mounting Knuckle	9" Length	STD	STD
Swing Bearing	Diameter	38" OD	43" OD
	Gearing	Internal	External
Lower Frame	Bolt-on Skid Resistant Fenders	STD	STD
	Wide Tread Ladder	STD	NA
	Two Wide Tread Ladders	NA	STD
Turntable Mounting	Centered Turntable	NA	STD
	23" Rear Offset	STD	OPT
Stabilizers (4)	Spread at Grade / Spread at Max Down Reach	172" / 160"	180" / 164"
	Reach Below Grade	9"	14"
	Pad Size	18" x 25"	22" x 26"
Installation Kit	Standard Heavy Duty Kit	STD	STD
Stationary Electric Mount		OPT	OPT
<b>Capacities</b>	<b>2180</b>	<b>2210</b>	<b>Unit Weight</b>
Fuel - Gal.	79	71	Wet, w/ standard boom, less options, carrier and grapple - Lbs.
Hydraulic -Gal.	71	35	



[www.prenticeforestry.com](http://www.prenticeforestry.com)

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We reserve the right to change specifications and to improve our products without notice or obligation.

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