



3240B

ROAD BUILDER - PRELIMINARY SPEC SHEET

TECH SPECIFICATIONS

Engine

ISUZU AQ-4HK1X - Final Tier 4 turbocharged diesel engine
 Horsepower (SAE J 1349, ISO 9249) 160 HP (119.3 kW)
 Displacement 317 cu in (5193 cc)
 Maximum Torque (SAE J 1349, ISO 9249) 457 lbf-ft (620 N-m)
 Starter 24V-5.0kW
 Alternator 85 amp
 Voltage 24V

Hydraulic System

Hydraulic Pumps

Main pumps - 2 variable displacement axial piston pumps with regulating system
 Max. Oil Flow 2 X 55.7 US gpm (2x 211 L/min)
 Working Circuit Pressure
 Boom/Arm/Bucket 4970 psi (34.3 MPa)
 Swing Circuit 4190 psi (28.9 MPa)
 Travel Circuit 4970 psi (34.3 MPa)

Pilot Pump - 1 Gear Pump

Max. Oil Flow 4.8 gpm (18 L/min)
 Working Circuit Pressure 570 psi (3.9 MPa)

Aux. Pump - 1 Gear pump

Max. Oil Flow 9.1 gpm (34.6 L/min)
 Working Circuit Pressure 2990 psi (20.6 MPa)

Hydraulic Cylinders - NO. of Cylinders - Bore X Rod Diameter X Stroke

Boom	2 - 4.72" (120 mm)	X 3.35" (85 mm)	X 49.41" (1255 mm)
Arm	1 - 5.51" (140 mm)	X 3.94" (100 mm)	X 57.48" (1460 mm)
Bucket	1 - 4.72" (120 mm)	X 3.35" (85 mm)	X 39.76" (1010 mm)

Swing

Maximum Swing Speed 0-10.5 rpm
 Swing Torque 55,250 lbf-ft (74,900 N-m)

Undercarriage

Carrier Rollers 2 per side
 Track Rollers 8 per side
 Link Pitch 8.0" (203 mm)
 Shoes 48 per side
 Shoe Width 27.5" (700mm)
 Ground Pressure 8.0 psi (0.055 MPa)

Travel System

Travel Speeds 1.7-2.9 mph (2.7-4.7 km/h)
 Drawbar Pull 52,200 lbf (232 KN)
 Gradeability 70% (35°)

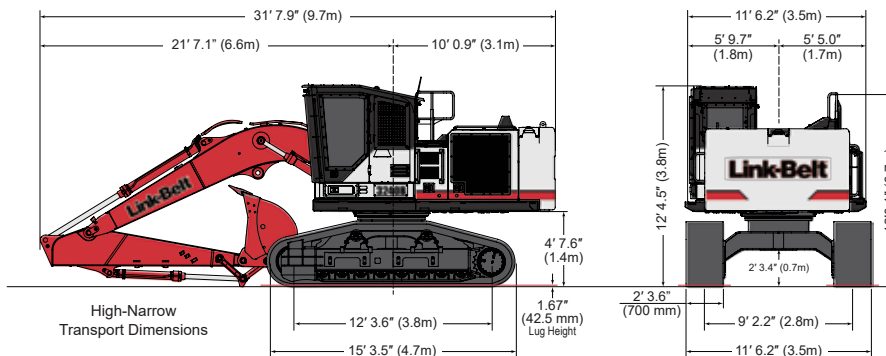
Lubricant and Coolant Capacity

Fuel Tank 216 gal (820 liters)
 Hydraulic System 74 gal (280 liters)
 Hydraulic Sump Tank 39 gal (147 liters)
 Final Drive (per side) 2.5 gal (9.5 liters)
 Swing Drive 2.5 gal (9.6 liters)
 Engine Oil 6.1 gal (23.1 liters)
 DEF Tank 31.7 gal (120 liters)
 Cooling System 8.8 gal (33.5 liters)

Operating Weights

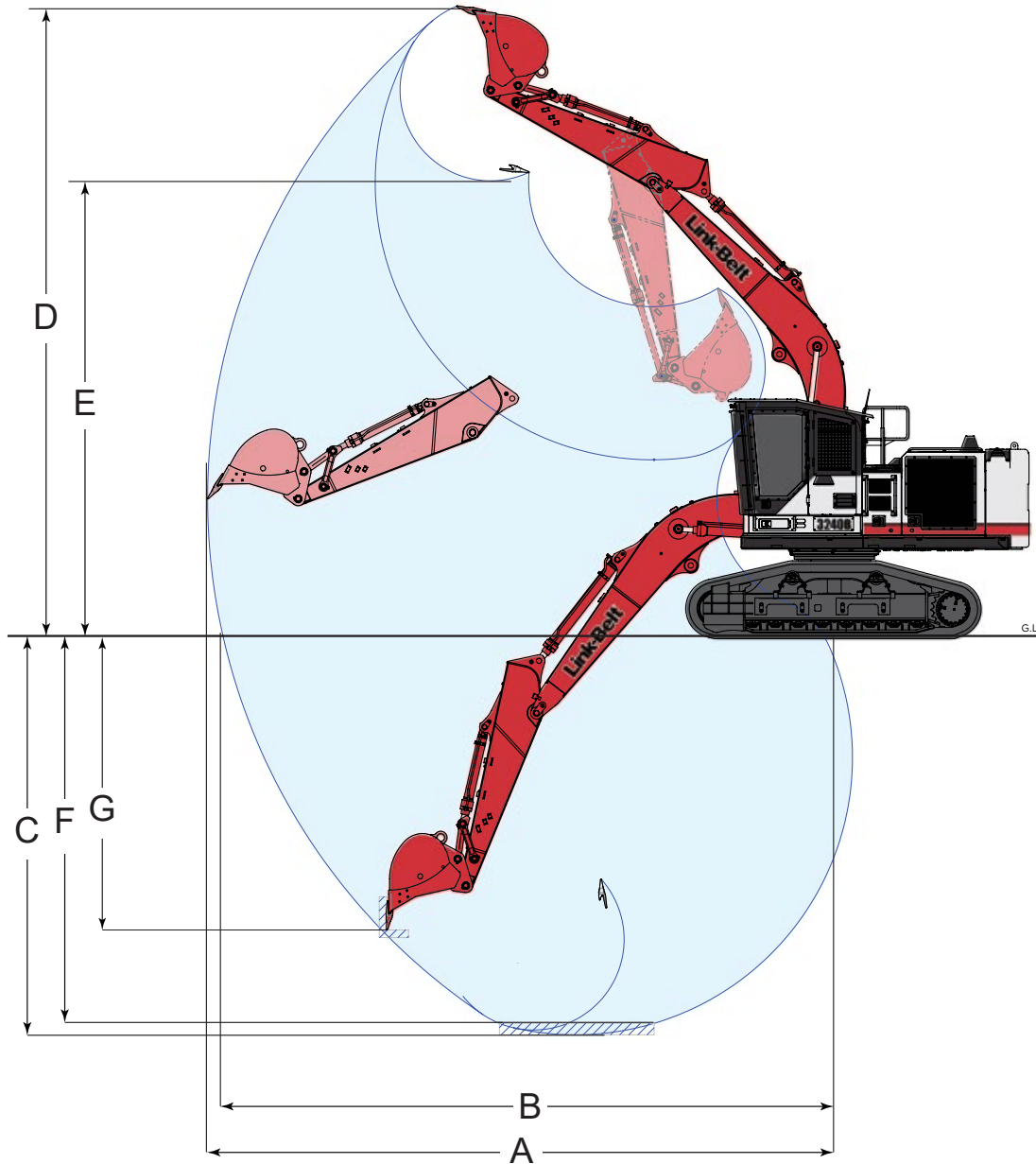
Operating weight with 5.70m HD Boom, 2.94m HD Arm, 700 mm grouser shoe, with cabless pod, operator, lubricant, coolant and full fuel tank. (Bucket is not included.) 70,800 lb (32,100 kg)

TRANSPORTATION DIMENSIONS



Link-Belt Forestry 3240B Road Builder

WORKING RANGE



3240B RB Machine Equipped with 18' 8.4" (5.7 m) Boom, 9' 7.7" (2.9 m) Arm	Standard Lift Position High-Narrow Undercarriage	High Lift Position High-Narrow Undercarriage
A. Maximum Reach	31' 7.5" (9.6m)	31' 7.5" (9.6m)
B. Maximum Reach @ Ground Level	23' 2.0" (7.1m)	24' 1.0" (7.3m)
C. Maximum Dig Depth	20' 7.6" (6.3m)	16' 11.2" (5.2m)
D. Maximum Dump Height	32' 6.9" (9.9m)	36' 7.0" (11.2m)
E. Maximum Dump Height	23' 6.4" (7.2m)	27' 2.8" (8.3m)
F. Digging Depth 8' (2.4m) Level Bottom	20' 0.6" (6.1m)	16' 4.1" (5.0m)
G. Maximum Vertical Wall Depth	15' 2.3" (4.6m)	13' 9.7" (4.2m)

LBX Company

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 to change designs and specifications.

#LBX2484

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Link-Belt Forestry 3240B Road Builder

LIFT CHARTS - HIGH NARROW

Standard Lift Position 9' 8" (2.94 m) HD Arm with 18' 8" (5.70 m) Boom

		5'0" (1.5 m)		10'0" (3.0 m)		15'0" (4.5 m)		20'0" (6.0 m)		25'0" (7.5m)		Cap At Max. Reach	
		End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
25'0"	lbs							9,800*	9,800*			7,850*	7,850*
(7.5m)	kg							4,445*	4,445*			3,560*	3,560*
20'0"	lbs							9,800*	9,800*			7,350*	7,350*
(6.0m)	kg							4,445*	4,445*			3,330*	3,330*
15'0"	lbs					12,700*	12,700*	10,900*	10,900*	10,150*	10,150*	7,250*	7,250*
(4.5m)	kg					5,760*	5,760*	4,940*	4,940*	4,600*	4,600*	3,285*	3,285*
10'0"	lbs					16,250*	16,250*	12,550*	12,550*	10,850*	10,850*	7,450*	7,450*
(3.0m)	kg					7,370*	7,370*	5,690*	5,690*	4,920*	4,920*	3,375*	3,375*
5'0"	lbs					19,300*	19,300*	14,150*	14,150*	11,600*	11,600*	8,000*	8,000*
(1.5m)	kg					8,750*	8,750*	6,415*	6,415*	5,260*	5,260*	3,625*	3,625*
Ground	lbs			15,600*	15,600*	20,850*	20,850*	15,200*	15,200*	12,100*	12,100*	9,000*	9,000*
Line	kg			7,075*	7,075*	9,455*	9,455*	6,890*	6,890*	5,485*	5,485*	4,080*	4,080*
-5'0"	lbs	16,150*	16,150*	25,900*	25,900*	20,800*	20,800*	15,350*	15,350*			10,850*	10,850*
(-2.0m)	kg	7,325*	7,325*	11,745*	11,745*	9,430*	9,430*	6,960*	6,960*			4,920*	4,920*
-10'0"	lbs	26,800*	26,800*	27,000*	27,000*	19,050*	19,050*	13,950*	13,950*			12,250*	12,250*
(-3.5m)	kg	12,155*	12,155*	12,245*	12,245*	8,640*	8,640*	6,325*	6,325*			5,555*	5,555*
-15'0"	lbs			20,200*	20,200*	14,150*	14,150*					12,250*	12,250*
(-5.0m)	kg			9,160*	9,160*	6,415*	6,415*					5,555*	5,555*

Notes: Lifting Capacities.

1. Lifting capacities shown should not be exceeded. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities for Log Loader attachment include a heel rack, but not grapple. Addition of grapple weight must be deducted from lift capacities.

2. Lifting capacities are based on machine standing on firm, uniform supporting surface. User must make allowances for job conditions such as soft or uneven ground.

3. Lifting capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Capacities marked w/ an asterisk (*) are limited by hydraulic capacities.

4. Least stable position is over the side.

5. Operator should be fully acquainted with the Operator's Manual & Operating Safety Booklet, furnished by Lbx before operating the machine.

6. Capacities apply only to the machine as originally manufactured and normally equipped by Lbx Company.



Link-Belt Forestry 3240B Road Builder

LIFT CHARTS - HIGH NARROW

High Lift Position 9' 8" (2.94 m) HD Arm with 18' 8" (5.70 m) Boom

		10'0" (3.0 m)		15'0" (4.5 m)		20'0" (6.0 m)		25'0" (7.5m)		Cap At Max. Reach	
		End	Side	End	Side	End	Side	End	Side	End	Side
30'0"	lbs			10,100*	10,100*					9,300*	9,300*
9.0m)	kg			4,580*	4,580*					4,215*	4,215*
25'0"	lbs			13,200*	13,200*	10,250*	10,250*			7,850*	7,850*
(7.5m)	kg			5,985*	5,985*	4,645*	4,645*			3,560*	3,560*
20'0"	lbs			14,200*	14,200*	12,700*	12,700*			7,350*	7,350*
(6.0m)	kg			6,440*	6,440*	5,760*	5,760*			3,330*	3,330*
15'0"	lbs	23,500*	23,500*	16,700*	16,700*	13,550*	13,550*	11,700*	11,700*	7,250*	7,250*
(4.5m)	kg	10,655*	10,655*	7,570*	7,570*	6,145*	6,145*	5,305*	5,305*	3,285*	3,285*
10'0"	lbs			19,400*	19,400*	14,700*	14,700*	12,100*	12,100*	7,450*	7,450*
(3.0m)	kg			8,795*	8,795*	6,665*	6,665*	5,485*	5,485*	3,375*	3,375*
5'0"	lbs			21,100*	21,100*	15,500*	15,500*	12,300*	12,300*	8,000*	8,000*
(1.5m)	kg			9,570*	9,570*	7,030*	7,030*	5,575*	5,575*	3,625*	3,625*
Ground	lbs	15,600*	15,600*	20,900*	20,900*	15,450*	15,450*	11,900*	11,900*	9,000*	9,000*
Line	kg	7,075*	7,075*	9,480*	9,480*	7,005*	7,005*	5,395*	5,395*	4,080*	4,080*
-5'0"	lbs	25,000*	25,000*	18,850*	18,850*	14,150*	14,150*			10,100*	10,100*
(-2.0m)	kg	11,335*	11,335*	8,550*	8,550*	6,415*	6,415*			4,580*	4,580*
-10'0"	lbs			14,700*	14,700*	10,650*	10,650*			8,850*	8,850*
(-3.5m)	kg			6,665*	6,665*	4,830*	4,830*			4,010*	4,010*

Notes: Lifting Capacities.

1. Lifting capacities shown should not be exceeded. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities for Log Loader attachment include a heel rack, but not grapple. Addition of grapple weight must be deducted from lift capacities.

2. Lifting capacities are based on machine standing on firm, uniform supporting surface. User must make allowances for job conditions such as soft or uneven ground.

3. Lifting capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Capacities marked w/ an asterisk (*) are limited by hydraulic capacities.

4. Least stable position is over the side.

5. Operator should be fully acquainted with the Operator's Manual & Operating Safety Booklet, furnished by LBX before operating the machine.

6. Capacities apply only to the machine as originally manufactured and normally equipped by LBX Company.





3240B

TIMBER LOADER - PRELIMINARY SPEC SHEET

TECH SPECIFICATIONS

Engine

ISUZU AQ-4HK1X - Final Tier 4 turbocharged diesel engine

Horsepower (SAE J 1349, ISO 9249)	160 HP (119.3 kW)
Displacement	317 cu in (5193 cc)
Maximum Torque (SAE J 1349, ISO 9249)	457 lbf-ft (620 N-m)
Starter	24V-5.0kW
Alternator	85 amp
Voltage	24V

Hydraulic System

Hydraulic Pumps

Main pumps - 2 variable displacement axial piston pumps with regulating system

Max. Oil Flow	2 X 55.7 US gpm (2x 211 L/min)
Working Circuit Pressure	
Boom/Arm/Heel	4970 psi (34.3 MPa)
Swing Circuit	4190 psi (28.9 MPa)
Travel Circuit	4970 psi (34.3 MPa)

Pilot Pump - 1 Gear Pump

Max. Oil Flow	4.8 gpm (18 L/min)
Working Circuit Pressure	570 psi (3.9 MPa)

Aux. Pump - 1 Gear pump

Max. Oil Flow	9.1 gpm (34.6 L/min)
Working Circuit Pressure	2990 psi (20.6 MPa)

Hydraulic Cylinders - NO. of Cylinders - Bore X Rod Diameter X Stroke

Boom	2 - 5.32" (135 mm)	X 3.74" (95 mm)	X 45.00" (1143 mm)
Arm	1 - 5.91" (150 mm)	X 4.13" (105 mm)	X 56.61 (1438 mm)
Heel	1 - 4.53" (115 mm)	X 3.15" (80 mm)	X 39.84 (1012 mm)

Swing

Maximum Swing Speed	0-10.5 rpm
Swing Torque	55,250 lbf-ft (74,900 N-m)

Undercarriage

Carrier Rollers	2 per side
Track Rollers	8 per side
Link Pitch	8.0" (203 mm)
Shoes	48 per side
Shoe Width	27.5" (700mm)
Ground Pressure	8.1 psi (0.055 MPa)

Travel System

Travel Speeds	1.7-2.9 mph (2.7-4.7 km/h)
Drawbar Pull	52,200 lbf (232 KN)
Gradeability	70% (35°)

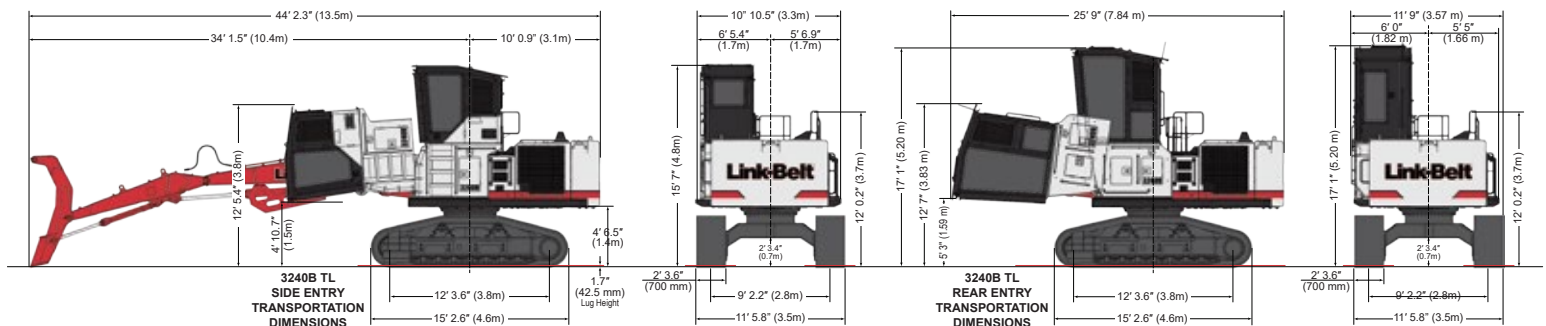
Lubricant and Coolant Capacity

Fuel Tank	216 gal (820 liters)
Hydraulic System	74 gal (280 liters)
Hydraulic Sump Tank	39 gal (147 liters)
Final Drive (per side)	2.5 gal (9.5 liters)
Swing Drive	2.5 gal (9.6 liters)
Engine Oil	6.1 gal (23.1 liters)
DEF Tank	31.7 gal (120 liters)
Cooling System	8.8 gal (33.5 liters)

Operating Weights

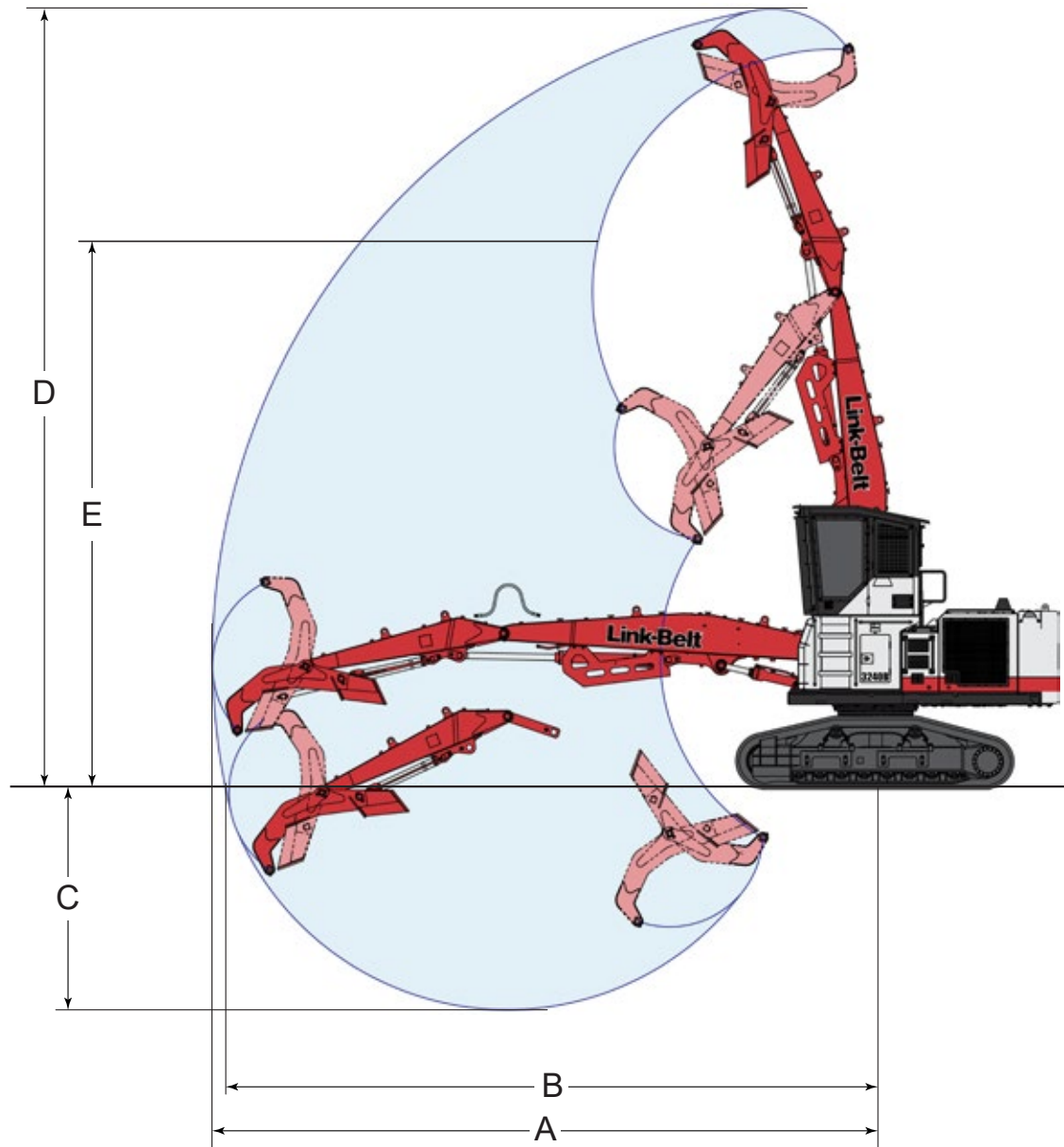
Side Entry Cab Operating Weight (no tool)*	76,193 lb (34,561 kg)
Rear Entry Cab Operating Weight (no tool)*	77,457 lb (35,134 kg)

TRANSPORTATION DIMENSIONS



Link-Belt Forestry 3240B Timber Loader

WORKING RANGE



3240B TL

Standard Lift Position

Machine Equipped with 18' 8.4" (5.7 m)
Boom 10' 11.9" (3.35m) Live Heel Arm

High-Narrow Undercarriage

A. Maximum Reach	36' 5.0" (11.1m)
B. Maximum Reach @ Ground Level	35' 8.7" (10.9m)
C. Maximum Depth	12' 2.9" (3.7m)
D. Maximum Height	42' 8.6" (13.0m)
E. Maximum Log Level Height	30' 3.0" (9.2m)

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to change designs and specifications.

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Link-Belt Forestry 3240B Timber Loader

LIFT CHARTS - HIGH NARROW

11' 0" (3.35 m) Arm with 20' 2" (6.15 m) Boom and Live-Heel (High-Narrow Undercarriage)

		10' 0" (3.0 m)		15' 0" (4.5 m)		20' 0" (6.0 m)		25' 0" (7.5m)		30' 0" (9.0 m)		35' 0" (10.5 m)		Cap at Max. Reach	
		End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
40' 0"	lbs			16,250*	16,250*									15,500*	15,500*
(12.0m)	kg			7,370	7,370									7,030	7,030
35' 0"	lbs					16,800*	16,800*							10,650*	10,650*
(10.5m)	kg					7,620	7,620							4,830	4,830
30' 0"	lbs					16,350*	16,350*	14,350*	14,350*					8,900*	8,900*
(9.0m)	kg					7,415	7,415	6,505	6,505					4,035	4,035
25' 0"	lbs					16,600*	16,600*	14,400*	14,400*	12,400*	11,600			8,000*	8,000*
(7.5m)	kg					7,525	7,525	6,530	6,530	5,620	5,260			3,625	3,625
20' 0"	lbs			14,000*	14,000*	17,350*	17,350*	14,650*	14,650*	12,400*	11,650			7,550*	7,550*
(6.0m)	kg			6,350	6,350	7,865	7,865	6,645	6,645	5,620	5,280			3,420	3,420
15' 0"	lbs			21,700*	21,700*	18,500*	18,500	15,200*	15,100*	12,550*	11,550	10,200*	8,900	7,300*	7,300*
(4.5m)	kg			9,840	9,840	8,390	8,390	6,890	6,845	5,690	5,235	4,625	4,035	3,310	3,310
10' 0"	lbs			24,750*	24,750*	19,700*	19,700*	15,600*	15,000	12,650*	11,300	10,050*	8,850	7,300*	7,300*
(3.0m)	kg			11,225	11,225	8,935	8,935	7,075	6,800	5,735	5,125	4,555	4,010	3,310	3,310
5' 0"	lbs			27,000*	27,000*	20,250*	20,150	15,650*	14,550	12,450*	11,100	9,400*	8,750	7,400*	7,400*
(1.5m)	kg			12,245	12,245	9,185	9,135	7,095	6,595	5,645	5,030	4,260	3,965	3,355	3,355
Ground	lbs	7,900*	7,900*	26,800*	26,800*	19,750*	19,550	15,150*	14,200	11,750*	10,950	7,900*	7,900*	6,650*	6,650*
Line	kg	3,580	3,580	12,155	12,155	8,955	8,865	6,870	6,440	5,325	4,965	3,580	3,580	3,015	3,015
-5' 0"	lbs	10,150*	10,150*	23,900*	23,900*	18,000*	18,000*	13,700*	13,700*	10,050*	10,050*			6,500*	6,500*
(-2.0m)	kg	4,600	4,600	10,840	10,840	8,160	8,160	6,210	6,210	4,555	4,555			2,945	2,945
-10' 0"	lbs			18,800*	18,800*	14,500*	14,500*	10,750*	10,750*					8,050*	8,050*
(-3.5m)	kg			8,525	8,525	6,575	6,575	4,875	4,875					3,650	3,650

Notes: Lifting Capacities.

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Link-Belt[®] FORESTRY

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