



3740B

ROAD BUILDER - PRELIMINARY SPEC SHEET

TECH SPECIFICATIONS

Engine

ISUZU AQ-4HK1X - Final Tier 4 turbocharged diesel engine
 Horsepower (ISO 9249) 177 HP (132.1 kW)
 Displacement 317 cu in (5193 cc)
 Maximum Torque (ISO 9249) 458 lbf-ft (621 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 61.8 US gpm (2 x 234 L/min)
 Working Circuit Pressure
 Boom/Arm/Bucket 4970 psi (34.3 MPa)
 Swing Circuit 4410 psi (30.4 MPa)
 Travel Circuit 4970 psi (34.3 MPa)

Pilot Pump - 1 Gear Pump

Max. Oil Flow 5.3 gpm (20 L/min)
 Working Circuit Pressure 570 psi (3.9 MPa)

Aux. Pump - 1 Gear pump

Max. Oil Flow 9.7 gpm (36.8 L/min)
 Working Circuit Pressure 2990 psi (20.6 MPa)

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

Boom	2 - 5.12" (130 mm)	X 3.54" (90 mm)	X 52.56" (1335 mm)
Arm	1 - 5.71" (145 mm)	X 4.13" (105 mm)	X 65.35" (1660 mm)
Bucket	1 - 5.12" (130 mm)	X 3.54" (90 mm)	X 42.13" (1070 mm)

Swing

Maximum Swing Speed 0-8.8 rpm
 Swing Torque 77,000 lbf-ft (104,000 N-m)

Undercarriage

Carrier Rollers 2 per side
 Track Rollers 8 per side
 Link Pitch 8.5" (216 mm)
 Shoes 47 per side
 Shoe Width 27.5" (700mm)
 Ground Pressure 8.4 psi (0.058 MPa)

Travel System

Travel Speeds 1.6-2.7 mph (2.6-4.4 km/h)
 Drawbar Pull 58,300 lbf (259 KN)
 Gradeability 70% (35°)

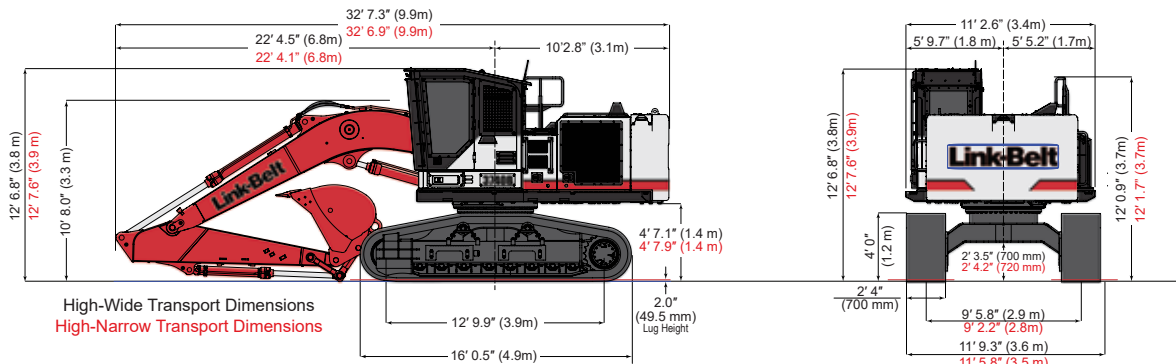
Lubricant and Coolant Capacity

Fuel Tank 216 gal (820 liters)
 Hydraulic System 77 gal (290 liters)
 Hydraulic Sump Tank 39 gal (147 liters)
 Final Drive (per side) 2.1 gal (8.0 liters)
 Swing Drive 1.3 gal (5.0 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 5.85m HD Boom, 3.00m HD Arm, 700 mm grouser shoe, operator, lubricant, coolant and full fuel tank (no bucket)*
 High-Narrow Undercarriage 78,100 lb (35,400kg)
 High-Wide Undercarriage 78,100 lb (35,400kg)

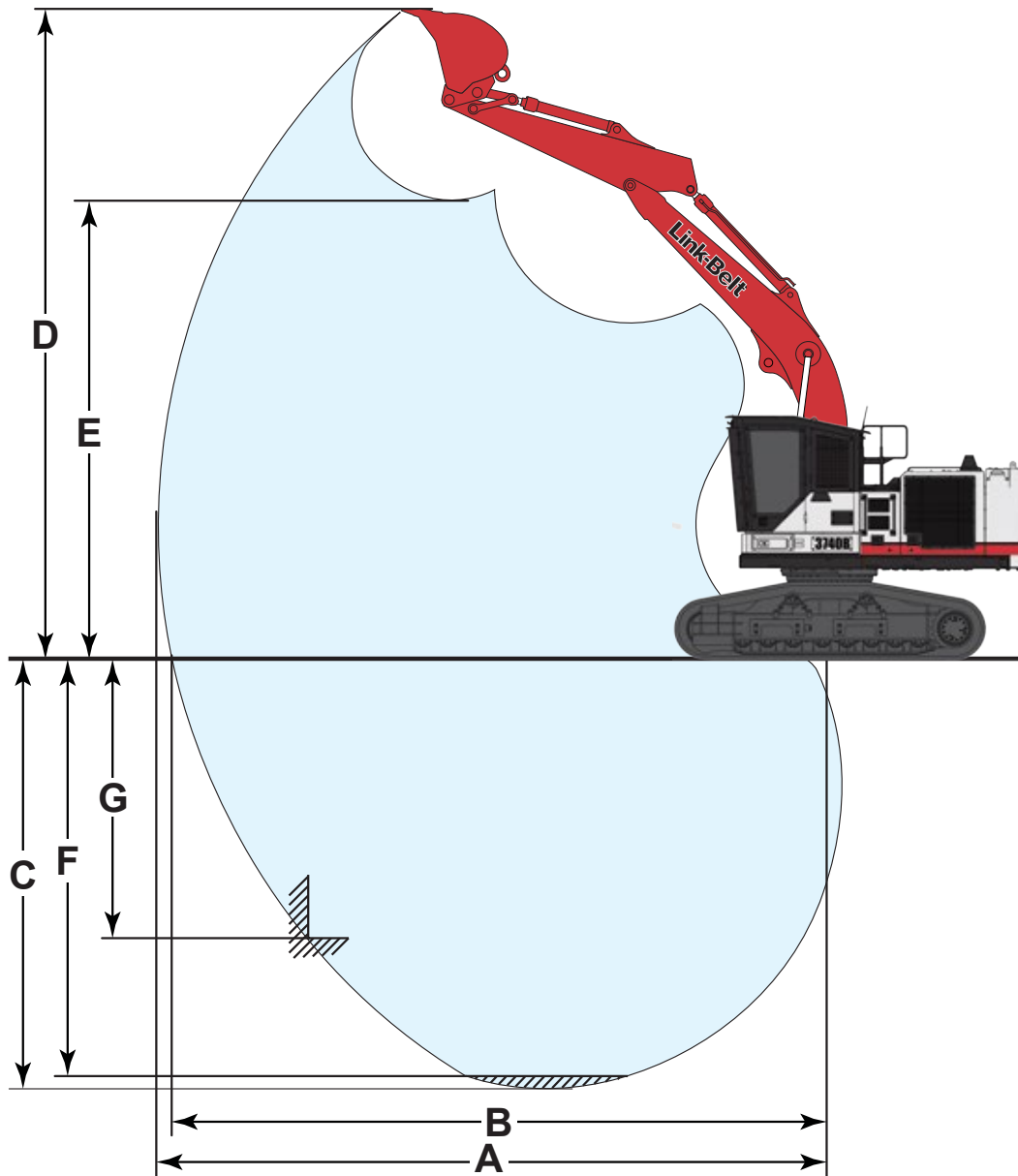
TRANSPORTATION DIMENSIONS



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Link-Belt Forestry 3740B Road Builder

WORKING RANGE



3740B RB

Standard Lift Position

High Lift Position

Machine Equipped with 19' 2" (5.85 m) Boom, 9' 10" (3.0 m) Arm	High-Narrow Undercarriage	High-Wide Undercarriage	High-Narrow Undercarriage	High-Wide Undercarriage
A. Maximum Reach	33' 7.5" (10.3m)	33' 6.8" (10.2m)	33' 7.5" (10.3m)	33' 6.8" (10.2m)
B. Maximum Reach @ Ground Level	33' 0" (10.6m)	33' 0.1" (10.1m)	33' 0.9" (10.1m)	33' 0.1" (10.1m)
C. Maximum Dig Depth	21' 9.8" (6.7m)	21' 9" (6.6m)	17' 3.1" (5.3m)	17' 2.3" (5.2m)
D. Maximum Dump Height	33' 0.5" (10.1m)	32' 11.7" (10.1m)	38' 3.1" (11.7m)	38' 2.3" (11.6m)
E. Maximum Dump Height	23' 0.8" (7.0m)	23' 0.8" (7.0m)	27' 10.6" (8.5m)	27' 9.9" (8.5m)
F. Digging Depth 8' (2.4m) Level Bottom	21' 3.5" (6.5m)	21' 2.7" (6.5m)	16' 8.4" (5.1m)	16' 7.6" (5.1m)
G. Maximum Vertical Wall Depth	14' 11.6" (4.6m)	14' 10.7" (4.5m)	13' 4.6" (4.1m)	13' 3.8" (4.1m)

LBX Company

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 We are constantly improving our products and therefore reserve the right to change designs and specifications.

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Link-Belt Forestry 3740B Road Builder

LIFT CHARTS - HIGH NARROW

High Narrow Standard Lift Position 9' 10" (3.00 m) HD Arm with 19' 2" (5.85m) 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											8,850*	8,850*
(7.5m)	kg											4,010*	4,010*
20'0"	lbs							12,700*	12,700*	10,350*	10,350*	8,300*	8,300*
(6.0m)	kg							5,760*	5,760*	4,690*	4,690*	3,760*	3,760*
15'0"	lbs							14,250*	14,250*	13,000*	13,000*	8,150*	8,150*
(4.5m)	kg							6,460*	6,460*	5,895*	5,895*	3,695*	3,695*
10'0"	lbs					21,400*	21,400*	16,350*	16,350*	13,950*	13,950*	8,350*	8,350*
(3.0m)	kg					9,705*	9,705*	7,415*	7,415*	6,325*	6,325*	3,785*	3,785*
5'0"	lbs					25,150*	25,150*	18,350*	18,350*	14,950*	14,950*	8,900*	8,900*
(1.5m)	kg					11,405*	11,405*	8,320*	8,320*	6,780*	6,780*	4,035*	4,035*
Ground	lbs			16,150*	16,150*	26,850*	26,850*	19,600*	19,600*	15,550*	15,550*	9,900*	9,900*
Line	kg			7,325*	7,325*	12,175*	12,175*	8,890*	8,890*	7,050*	7,050*	4,490*	4,490*
-5'0"	lbs	17,550*	17,550*	28,050*	28,050*	26,550*	26,550*	19,700*	19,700*	15,200*	15,200*	11,650*	11,650*
(-2.0m)	kg	7,960*	7,960*	12,720*	12,720*	12,040*	12,040*	8,935*	8,935*	6,890*	6,890*	5,280*	5,280*
-10'0"	lbs	29,900*	29,900*	34,050*	34,050*	24,250*	24,250*	17,950*	17,950*			14,850*	14,850*
(-3.5m)	kg	13,560*	13,560*	15,440*	15,440*	10,995*	10,995*	8,140*	8,140*			6,735*	6,735*
-15'0"	lbs			25,650*	25,650*	18,400*	18,400*					14,450*	14,450*
(-5.0m)	kg			11,630*	11,630*	8,345*	8,345*					6,550*	6,550*

High Narrow High Lift Position 9' 10" (3.00 m) HD Arm with 19' 2" (5.85m) 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			14,150*	14,150*					10,400*	10,400*
(9.0m)	kg			6,415*	6,415*					4,715*	4,715*
25'0"	lbs			15,200*	15,200*	13,600*	13,600*			8,850*	8,850*
(7.5m)	kg			6,890*	6,890*	6,165*	6,165*			4,010*	4,010*
20'0"	lbs			16,200*	16,200*	15,900*	15,900*	10,350*	10,350*	8,300*	8,300*
(6.0m)	kg			7,345*	7,345*	7,210*	7,210*	4,690*	4,690*	3,760*	3,760*
15'0"	lbs	30,150*	30,150*	21,200*	21,200*	17,100*	17,100*	14,800*	14,800*	8,150*	8,150*
(4.5m)	kg	13,675*	13,675*	9,615*	9,615*	7,755*	7,755*	6,710*	6,710*	3,695*	3,695*
10'0"	lbs			24,750*	24,750*	18,650*	18,650*	15,400*	15,400*	8,350*	8,350*
(3.0m)	kg			11,225*	11,225*	8,455*	8,455*	6,985*	6,985*	3,785*	3,785*
5'0"	lbs			27,000*	27,000*	19,800*	19,800*	15,750*	15,750*	8,900*	8,900*
(1.5m)	kg			12,245*	12,245*	8,980*	8,980*	7,140*	7,140*	4,035*	4,035*
Ground	lbs	16,150*	16,150*	26,850*	26,850*	19,900*	19,900*	15,450*	15,450*	9,900*	9,900*
Line	kg	7,325*	7,325*	12,175*	12,175*	9,025*	9,025*	7,005*	7,005*	4,490*	4,490*
-5'0"	lbs	28,050*	28,050*	24,450*	24,450*	18,450*	18,450*	13,600*	13,600*	11,650*	11,650*
(-2.0m)	kg	12,720*	12,720*	11,090*	11,090*	8,365*	8,365*	6,165*	6,165*	5,280*	5,280*
-10'0"	lbs			19,600*	19,600*	14,600*	14,600*			11,250*	11,250*
(-3.5m)	kg			8,890*	8,890*	6,620*	6,620*			5,100*	5,100*

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 3740B Road Builder

LIFT CHARTS - HIGH WIDE

High Wide Standard Lift Position 9'10" (3.00 m) HD Arm with 19' 2" (5.85m) 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											8,900*	8,900*
(7.5m)	kg											4,035*	4,035*
20'0"	lbs							12,700*	12,700*	10,250*	10,250*	8,300*	8,300*
(6.0m)	kg							5,760*	5,760*	4,645*	4,645*	3,760*	3,760*
15'0"	lbs							14,200*	14,200*	13,000*	13,000*	8,150*	8,150*
(4.5m)	kg							6,440*	6,440*	5,895*	5,895*	3,695*	3,695*
10'0"	lbs					21,350*	21,350*	16,300*	16,300*	13,950*	13,950*	8,350*	8,350*
(3.0m)	kg					9,680*	9,680*	7,390*	7,390*	6,325*	6,325*	3,785*	3,785*
5'0"	lbs					25,100*	25,100*	18,350*	18,350*	14,950*	14,950*	8,900*	8,900*
(1.5m)	kg					11,385*	11,385*	8,320*	8,320*	6,780*	6,780*	4,035*	4,035*
Ground	lbs			16,000*	16,000*	26,850*	26,850*	19,600*	19,600*	15,550*	15,550*	9,850*	9,850*
Line	kg			7,255*	7,255*	12,175*	12,175*	8,890*	8,890*	7,050*	7,050*	4,465*	4,465*
-5'0"	lbs	17,450*	17,450*	27,900*	27,900*	26,600*	26,600*	19,700*	19,700*	15,200*	15,200*	11,650*	11,650*
(-2.0m)	kg	7,915*	7,915*	12,655*	12,655*	12,065*	12,065*	8,935*	8,935*	6,890*	6,890*	5,280*	5,280*
-10'0"	lbs	29,750*	29,750*	34,100*	34,100*	24,300*	24,300*	18,000*	18,000*			14,850*	14,850*
(-3.5m)	kg	13,490*	13,490*	15,465*	15,465*	11,020*	11,020*	8,160*	8,160*			6,735*	6,735*
-15'0"	lbs			25,800*	25,800*	18,500*	18,500*					14,450*	14,450*
(-5.0m)	kg			11,700*	11,700*	8,390*	8,390*					6,550*	6,550*

High Wide High Lift Position 9'10" (3.00 m) HD Arm with 19' 2" (5.85m) 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			14,100*	14,100*					10,450*	10,450*
(9.0m)	kg			6,395*	6,395*					4,740*	4,740*
25'0"	lbs			15,200*	15,200*	13,550*	13,550*			8,900*	8,900*
(7.5m)	kg			6,890*	6,890*	6,145*	6,145*			4,035*	4,035*
20'0"	lbs			16,200*	16,200*	15,900*	15,900*	10,250*	10,250*	8,300*	8,300*
(6.0m)	kg			7,345*	7,345*	7,210*	7,210*	4,645*	4,645*	3,760*	3,760*
15'0"	lbs	30,050*	30,050*	21,150*	21,150*	17,100*	17,100*	14,800*	14,800*	8,150*	8,150*
(4.5m)	kg	13,630*	13,630*	9,590*	9,590*	7,755*	7,755*	6,710*	6,710*	3,695*	3,695*
10'0"	lbs			24,700*	24,700*	18,650*	18,650*	15,400*	15,400*	8,350*	8,350*
(3.0m)	kg			11,200*	11,200*	8,455*	8,455*	6,985*	6,985*	3,785*	3,785*
5'0"	lbs			27,000*	27,000*	19,800*	19,800*	15,750*	15,750*	8,900*	8,900*
(1.5m)	kg			12,245*	12,245*	8,980*	8,980*	7,140*	7,140*	4,035*	4,035*
Ground	lbs	16,000*	16,000*	26,850*	26,850*	19,900*	19,900*	15,450*	15,450*	9,850*	9,850*
Line	kg	7,255*	7,255*	12,175*	12,175*	9,025*	9,025*	7,005*	7,005*	4,465*	4,465*
-5'0"	lbs	27,900*	27,900*	24,500*	24,500*	18,450*	18,450*	13,650*	13,650*	11,650*	11,650*
(-2.0m)	kg	12,655*	12,655*	11,110*	11,110*	8,365*	8,365*	6,190*	6,190*	5,280*	5,280*
-10'0"	lbs			19,700*	19,700*	14,650*	14,650*			11,300*	11,300*
(-3.5m)	kg			8,935*	8,935*	6,645*	6,645*			5,125*	5,125*

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.





3740B

TIMBER LOADER - PRELIMINARY SPEC SHEET

TECH SPECIFICATIONS

Engine

ISUZU AQ-4HK1X - Final Tier 4 turbocharged diesel engine
 Horsepower (ISO 9249) 177 HP (132.1 kW)
 Displacement 317 cu in (5193 cc)
 Maximum Torque (ISO 9249) 458 lbf-ft (621 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 61.8 US gpm (2 x 234 L/min)
 Working Circuit Pressure
 Boom/Arm/Heel 4970 psi (34.3 MPa)
 Swing Circuit 4410 psi (30.4 MPa)
 Travel Circuit 4970 psi (34.3 MPa)

Pilot Pump - 1 Gear Pump

Max. Oil Flow 5.3 gpm (20 L/min)
 Working Circuit Pressure 570 psi (3.9 MPa)

Aux. Pump - 1 Gear pump

Max. Oil Flow 9.7 gpm (36.8 L/min)
 Working Circuit Pressure 2990 psi (20.6 MPa)

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

Boom 2 - 5.90" (150 mm) X 4.13" (105 mm) X 47.64" (1210 mm)
 Arm 1 - 6.69" (170 mm) X 4.72" (120 mm) X 53.14" (1350 mm)
 Heel 1 - 5.12" (130 mm) X 3.54" (90 mm) X 42.24" (1073 mm)

Swing

Maximum Swing Speed 0-9.0 rpm
 Swing Torque 76,710 lbf-ft (104,000 N-m)

Undercarriage

Carrier Rollers 2 per side
 Track Rollers 8 per side
 Link Pitch 8.5" (216 mm)
 Shoes 47 per side
 Shoe Width 27.5" (700mm)
 Ground Pressure 9.3 psi (0.064 MPa)

Travel System

Travel Speeds 1.6-2.7 mph (2.6-4.4 km/h)
 Drawbar Pull 58,000 lbf (258 KN)
 Gradeability 70% (35°)

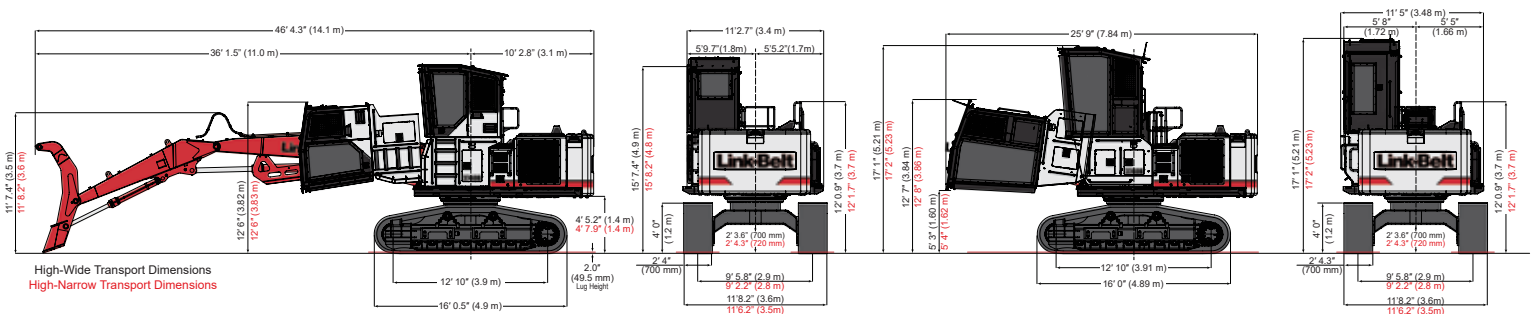
Lubricant and Coolant Capacity

Fuel Tank 216 gal (820 liters)
 Hydraulic System 77 gal (290 liters)
 Hydraulic Sump Tank 39 gal (147 liters)
 Final Drive (per side) 2.1 gal (8.0 liters)
 Swing Drive 1.3 gal (5.0 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

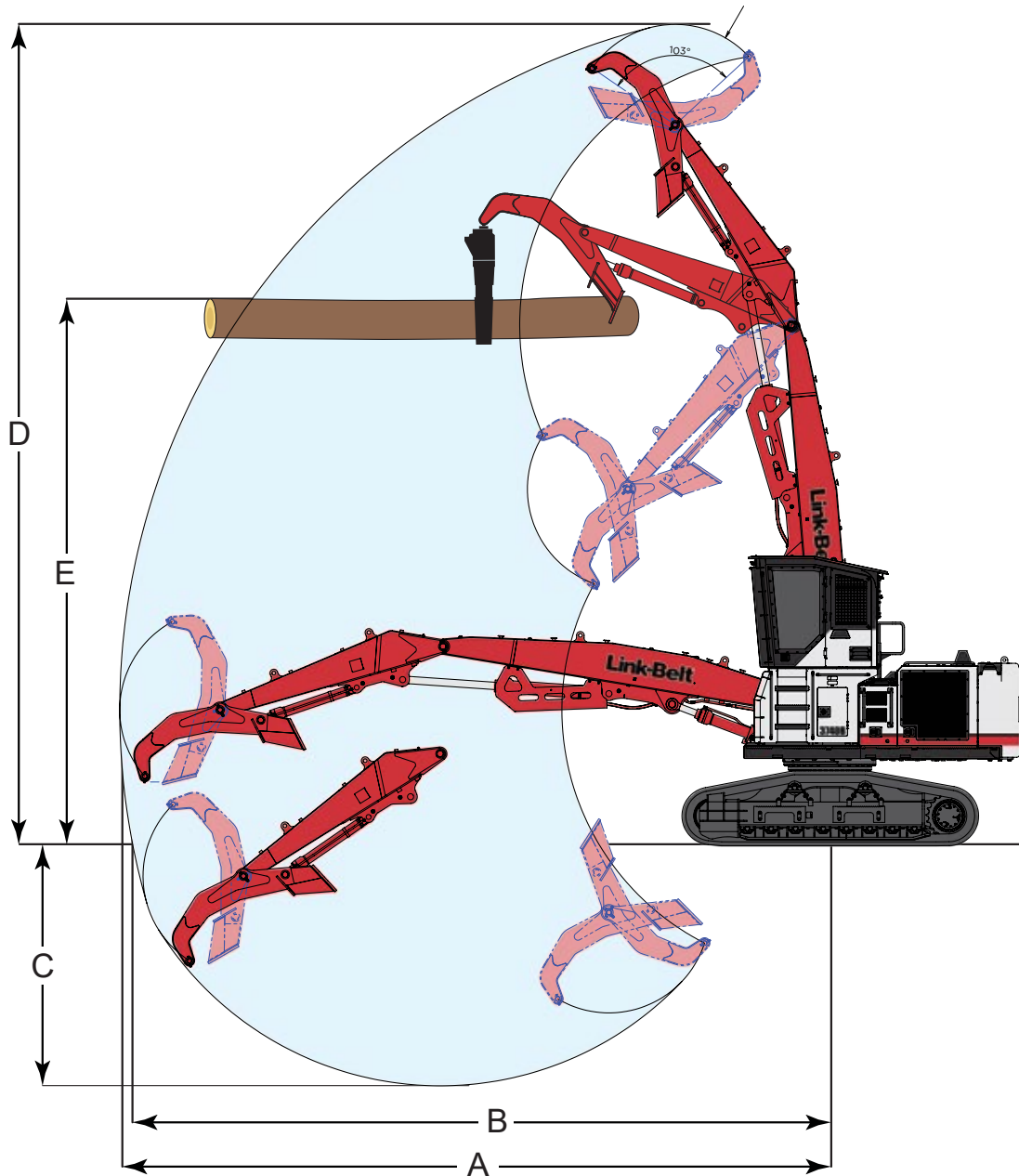
Side Entry Cab Operating Weight (no tool)* 84,574 lb (38,362 kg)
 Rear Entry Cab Operating Weight (no tool)* 85,838 lb (38,936 kg)

TRANSPORTATION DIMENSIONS



Link-Belt Forestry 3740B Timber Loader

WORKING RANGE



3740B TL

Machine Equipped with 20' 10" (6.35 m) Boom, 12' 6" (3.81 m) Arm	High-Narrow Undercarriage	High-Wide Undercarriage
A. Maximum Reach	38' 4" (11.7m)	38' 4" (11.7m)
B. Maximum Reach @ Ground Level	37' 7.6" (11.5m)	37' 7.6" (11.5m)
C. Maximum Dig Depth	12' 9.1" (3.98m)	13' 1.5" (4.0m)
D. Maximum Dig Height	44' 2.7" (13.48m)	44' 1.9" (13.46m)
E. Maximum Log Level Height	29' 11.8" (9.14m)	30' 0.6" (9.16m)

LBX Company

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 We are constantly improving our products and therefore reserve the right to change designs and specifications.

#LBX2485

Link-Belt
 FORESTRY

Link-Belt Forestry 3740B Timber Loader

LIFT CHARTS

12' 6" (3.81 m) Arm with 20' 10" (6.35 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" (7.5 m)		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			24,100*	24,100*									20,800*	20,800*
(12.0m)	kg			10,930	10,930									9,430	9,430
35' 0"	lbs					20,350*	20,350*	18,450*	17,150					16,750*	15,600
(10.5m)	kg					9,230	9,230	8,365	7,775					7,595	7,075
30' 0"	lbs					19,400*	19,400*	17,650*	17,600	16,150*	12,700			14,950*	12,050
(9.0m)	kg					8,795	8,795	8,005	7,980	7,325	5,760			6,780	5,465
25' 0"	lbs					19,400*	19,400*	17,500*	17,500*	15,900*	12,900			14,000*	10,200
(7.5m)	kg					8,795	8,795	7,935	7,935	7,210	5,850			6,350	4,625
20' 0"	lbs					20,400*	20,400*	18,000*	17,450	16,000*	12,800	13,450	9,700	12,700	9,100
(6.0m)	kg					9,250	9,250	8,160	7,915	7,255	5,805	6,100	4,395	5,760	4,125
15' 0"	lbs			20,350*	20,350*	22,200*	22,200*	18,850*	16,950	16,300*	12,600	13,400	9,650	11,850	8,450
(4.5m)	kg			9,230	9,230	10,065	10,065	8,550	7,685	7,390	5,715	6,075	4,375	5,375	3,830
10' 0"	lbs			31,600*	31,600*	24,300*	23,150	19,850*	16,350	16,700*	12,250	13,200	9,500	11,450	8,100
(3.0m)	kg			14,330	14,330	11,020	10,500	9,000	7,415	7,570	5,555	5,985	4,305	5,190	3,670
5' 0"	lbs			35,250*	33,750	26,050*	21,950	20,600*	15,700	16,550	11,850	13,050	9,300	10,950*	8,050
(1.5m)	kg			15,985	15,305	11,815	9,955	9,340	7,120	7,505	5,375	5,915	4,215	4,965	3,650
Ground	lbs			33,100*	32,000	26,500*	20,900	20,600*	15,100	16,200	11,550	12,650*	9,150	9,850*	8,200
Line	kg			15,010	14,510	12,020	9,480	9,340	6,845	7,345	5,235	5,735	4,150	4,465	3,715
-5' 0"	lbs	9,100*	9,100*	25,900*	25,900*	25,100*	20,300	19,300*	14,750	14,900*	11,350	10,300*	9,100	8,950*	8,750
(-2.0m)	kg	4,125	4,125	11,745	11,745	11,385	9,205	8,750	6,690	6,755	5,145	4,670	4,125	4,055	3,965
-10' 0"	lbs			27,950*	27,950*	21,500*	20,050	16,400*	14,600	11,800*	11,300			10,800*	10,800*
(-3.5m)	kg			12,675	12,675	9,750	9,090	7,435	6,620	5,350	5,125			4,895	4,895

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 3740B Timber Loader

LIFT CHARTS

12' 6" (3.81 m) Arm with 20' 10" (6.35 m) Boom and Live-Heel (High-Wide Undercarriage)

				25' 0" (7.5m)				30' 0" (9.0 m)					
		End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
40' 0"	lbs			24,100*	24,100*							20,850*	20,850*
(12.0m)	kg			10,930	10,930							9,455	9,455
35' 0"	lbs					20,350*	20,350*	18,450*	17,750			16,800*	16,250
(10.5m)	kg					9,230	9,230	8,365	8,050			7,620	7,370
30' 0"	lbs					19,400*	19,400*	17,650*	17,650*	16,150*	13,150	14,950*	12,550
(9.0m)	kg					8,795	8,795	8,005	8,005	7,325	5,960	6,780	5,690
25' 0"	lbs					19,400*	19,400*	17,500*	17,500*	15,900*	13,350	14,000*	10,600
(7.5m)	kg					8,795	8,795	7,935	7,935	7,210	6,055	6,350	4,805
20' 0"	lbs					20,400*	20,400*	18,000*	17,950*	16,000*	13,300	13,450	10,050
(6.0m)	kg					9,250	9,250	8,160	8,140	7,255	6,030	6,100	4,555
15' 0"	lbs			20,300*	20,300*	22,150*	22,150*	18,850*	17,600	16,300*	13,050	13,400	10,000
(4.5m)	kg			9,205	9,205	10,045	10,045	8,550	7,980	7,390	5,915	6,075	4,535
10' 0"	lbs			31,550*	31,550*	24,300*	24,100	19,850*	16,950	16,700*	12,700	13,250	9,850
(3.0m)	kg			14,310	14,310	11,020	10,930	9,000	7,685	7,570	5,760	6,010	4,465
5' 0"	lbs			35,250*	35,250*	26,050*	22,850	20,600*	16,300	16,550	12,350	13,050	9,650
(1.5m)	kg			15,985	15,985	11,815	10,360	9,340	7,390	7,505	5,600	5,915	4,375
Ground	lbs			33,350*	33,350*	26,500*	21,800	20,600*	15,750	16,250	12,000	12,650*	9,550
Line	kg			15,125	15,125	12,020	9,885	9,340	7,140	7,370	5,440	5,735	4,330
-5' 0"	lbs	9,050*	9,050*	25,900*	25,900*	25,100*	21,150	19,350*	15,350	14,950*	11,800	10,350*	9,500
(-2.0m)	kg	4,105	4,105	11,745	11,745	11,385	9,590	8,775	6,960	6,780	5,350	4,690	4,305
-10' 0"	lbs			27,950*	27,950*	21,550*	20,950	16,400*	15,200	11,850*	11,800		
(-3.5m)	kg			12,675	12,675	9,770	9,500	7,435	6,890	5,375	5,350		

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.





3740B

PROCESSOR - PRELIMINARY SPEC SHEET

TECH SPECIFICATIONS

Engine

ISUZU AQ-4HK1X - Final Tier 4 turbocharged diesel engine
 Horsepower (ISO 9249) 177 HP (132.1 kW)
 Displacement 317 cu in (5193 cc)
 Maximum Torque (ISO 9249) 458 lbf-ft (621 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 61.8 US gpm (2 x 234 L/min)
 Working Circuit Pressure
 Boom/Arm/Heel 4970 psi (34.3 MPa)
 Swing Circuit 4410 psi (30.4 MPa)
 Travel Circuit 4970 psi (34.3 MPa)

Pilot Pump - 1 Gear Pump

Max. Oil Flow 5.3 gpm (20 L/min)
 Working Circuit Pressure 570 psi (3.9 MPa)

Aux. Pump - 1 Gear pump

Max. Oil Flow 9.7 gpm (36.8 L/min)
 Working Circuit Pressure 2990 psi (20.6 MPa)

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

Boom 2 - 5.12" (130 mm) X 3.54" (90 mm) X 52.56" (1335 mm)
 Arm 1 - 5.71" (145 mm) X 4.13" (105 mm) X 65.35" (1660 mm)

Swing

Maximum Swing Speed 0-8.8 rpm
 Swing Torque 77,000 lbf-ft (104,000 N-m)

Undercarriage

Carrier Rollers 2 per side
 Track Rollers 8 per side
 Link Pitch 8.5" (216 mm)
 Shoes 47 per side
 Shoe Width 27.5" (700mm)
 Ground Pressure 8.4 psi (0.058 MPa)

Travel System

Travel Speeds 1.6-2.7 mph (2.7-4.4 km/h)
 Drawbar Pull 58,300 lbf (259 KN)
 Gradeability 70% (35°)

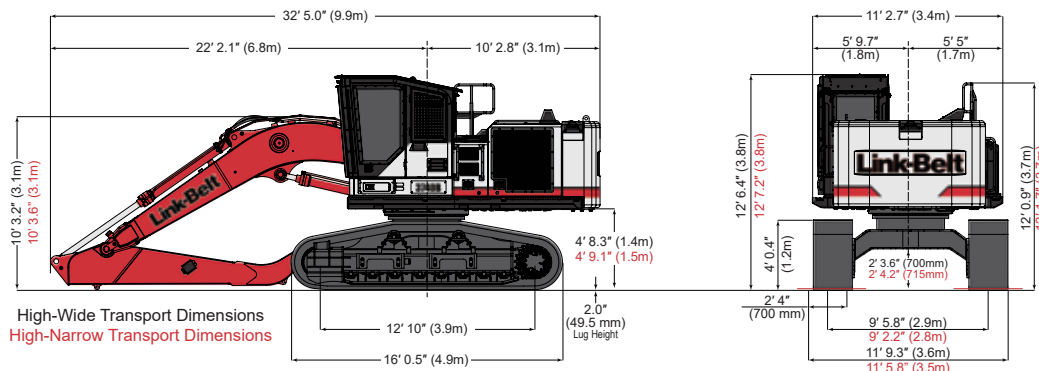
Lubricant and Coolant Capacity

Fuel Tank 216 gal (820 liters)
 Hydraulic System 77 gal (290 liters)
 Hydraulic Sump Tank 39 gal (147 liters)
 Final Drive (per side) 2.1 gal (8.0 liters)
 Swing Drive 1.3 gal (5.0 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 mass with 5.85m HD Boom, 3.49m HD Arm, 700 mm grouser shoe, operator, lubricant, coolant, and full fuel tank (Excluding a harvester) 77,800 lb (35,300 kg)

TRANSPORTATION DIMENSIONS

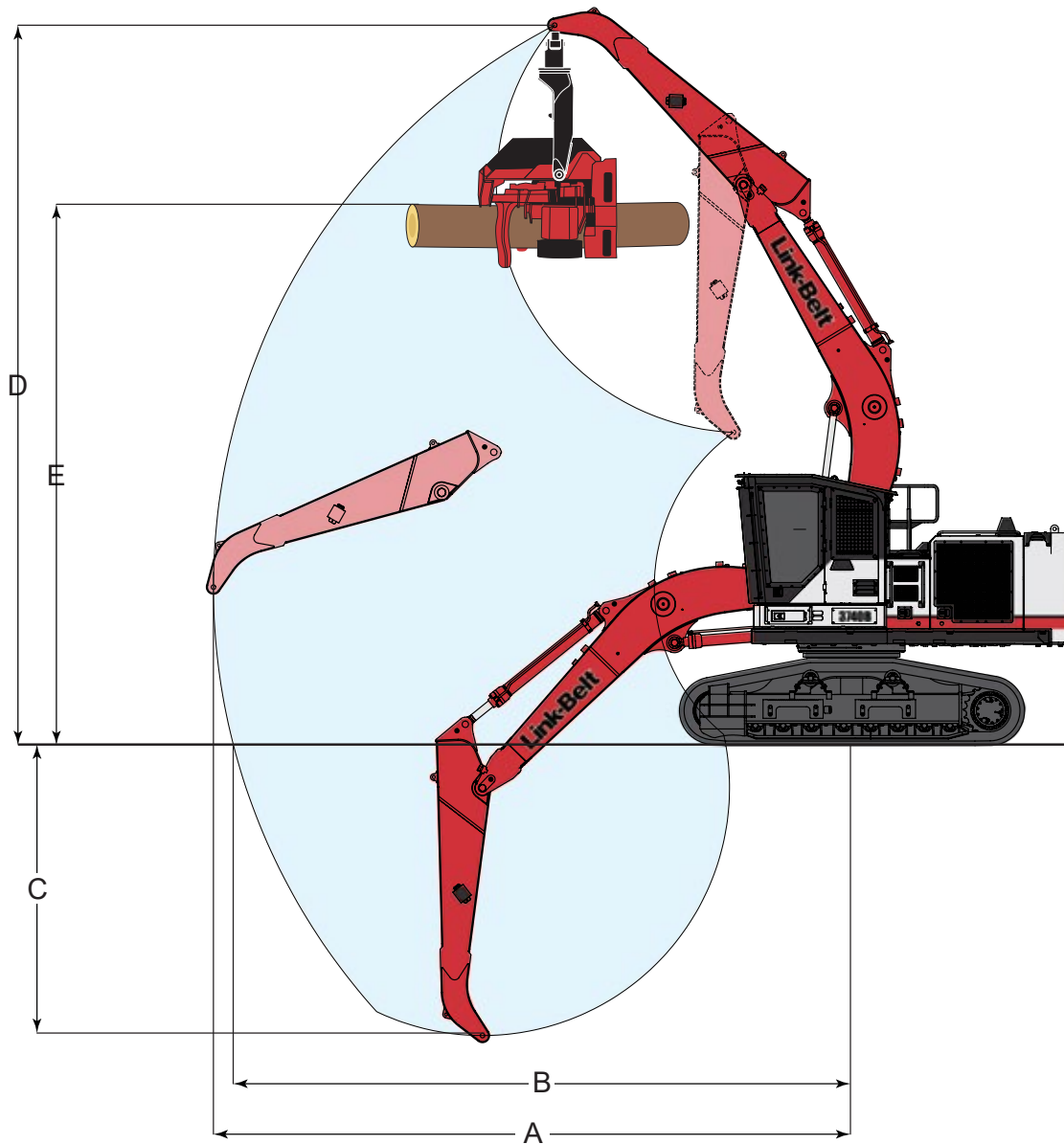


Link-Belt

FORESTRY

Link-Belt Forestry 3740B Processor

WORKING RANGE



3740B PH

Standard Lift Position

High Lift Position

Machine Equipped with 18' 8.4" (5.9m) Boom, 11' 5.4" (3.5m) Arm	High-Narrow Undercarriage	High-Wide Undercarriage	High-Narrow Undercarriage	High-Wide Undercarriage
A. Maximum Reach	29' 7.1" (9.0m)	29' 7.1" (9.0m)	29' 7.1" (9.0m)	29' 7.1" (9.0m)
B. Maximum Reach @ Ground Level	28' 8.5" (8.8m)	28' 8.5" (8.8m)	28' 8.5" (8.8m)	28' 8.5" (8.8m)
C. Maximum Depth	18' 1.3" (5.5m)	18' 2.1" (5.5m)	13' 6.2" (4.1m)	13' 7.0" (4.1m)
D. Maximum Height	27' 9.9" (8.5m)	27' 9.1" (8.5m)	33' 2.8" (10.1m)	33' 2.0" (10.1m)
E. Maximum Log Level Height	19' 10.2" (6.1m)	19' 9.4" (6.1m)	25' 3.1" (7.7m)	25' 2.3" (7.7m)

LBX Company

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 We are constantly improving our products and therefore reserve the right to change designs and specifications.

#LBX2485

Link-Belt
 FORESTRY

Link-Belt Forestry 3740B Processor

LIFT CHARTS

High Lift Position 19' 2" (5.85 m) HD Arm with 11' 5" (3.49 m) Boom (High-Narrow Undercarriage)

		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									8,400*	8,400*
(9.0m)	kg									3,810*	3,810*
25'0"	lbs					12,200*	12,200*			7,550*	7,550*
(7.5m)	kg					5,530*	5,530*			3,420*	3,420*
20'0"	lbs			14,250*	14,250*	14,200*	14,200*	10,800*	10,800*	7,200*	7,200*
(6.0m)	kg			6,460*	6,460*	6,440*	6,440*	4,895*	4,895*	3,265*	3,265*
15'0"	lbs	22,150*	22,150*	19,800*	19,800*	16,800*	16,800*	14,050*	14,050*	7,250*	7,250*
(4.5m)	kg	10,045*	10,045*	8,980*	8,980*	7,620*	7,620*	6,370*	6,370*	3,285*	3,285*
10'0"	lbs	37,750*	37,750*	24,150*	24,150*	18,550*	18,550*	15,500*	15,500*	7,500*	7,500*
(3.0m)	kg	17,120*	17,120*	10,950*	10,950*	8,410*	8,410*	7,030*	7,030*	3,400*	3,400*
5'0"	lbs	16,800*	16,800*	27,050*	27,050*	20,000*	20,000*	16,100*	16,100*	8,100*	8,100*
(1.5m)	kg	7,620*	7,620*	12,265*	12,265*	9,070*	9,070*	7,300*	7,300*	3,670*	3,670*
Ground	lbs	20,650*	20,650*	27,750*	27,750*	20,550*	20,550*	16,150*	16,150*	9,050*	9,050*
Line	kg	9,365*	9,365*	12,585*	12,585*	9,320*	9,320*	7,325*	7,325*	4,105*	4,105*
-5'0"	lbs	29,150*	29,150*	26,100*	26,100*	19,650*	19,650*	15,050*	15,050*	10,750*	10,750*
(-2.0m)	kg	13,220*	13,220*	11,835*	11,835*	8,910*	8,910*	6,825*	6,825*	4,875*	4,875*
-10'0"	lbs	29,250*	29,250*	22,150*	22,150*	16,700*	16,700*			12,550*	12,550*
(-3.5m)	kg	13,265*	13,265*	10,045*	10,045*	7,570*	7,570*			5,690*	5,690*

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 3740B Processor

LIFT CHARTS

High Lift Position 19' 2" (5.85 m) HD Arm with 11' 5" (3.49 m) Boom (High-Wide Undercarriage)

		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									8,400*	8,400*
(9.0m)	kg									3,810*	3,810*
25'0"	lbs					12,200*	12,200*			7,550*	7,550*
(7.5m)	kg					5,530*	5,530*			3,420*	3,420*
20'0"	lbs			14,250*	14,250*	14,200*	14,200*	10,750*	10,750*	7,200*	7,200*
(6.0m)	kg			6,460*	6,460*	6,440*	6,440*	4,875*	4,875*	3,265*	3,265*
15'0"	lbs	21,800*	21,800*	19,700*	19,700*	16,800*	16,800*	14,000*	14,000*	7,250*	7,250*
(4.5m)	kg	9,885*	9,885*	8,935*	8,935*	7,620*	7,620*	6,350*	6,350*	3,285*	3,285*
10'0"	lbs	37,650*	37,650*	24,100*	24,100*	18,550*	18,550*	15,500*	15,500*	7,500*	7,500*
(3.0m)	kg	17,075*	17,075*	10,930*	10,930*	8,410*	8,410*	7,030*	7,030*	3,400*	3,400*
5'0"	lbs	16,850*	16,850*	27,050*	27,050*	20,000*	20,000*	16,100*	16,100*	8,050*	8,050*
(1.5m)	kg	7,640*	7,640*	12,265*	12,265*	9,070*	9,070*	7,300*	7,300*	3,650*	3,650*
Ground	lbs	20,600*	20,600*	27,750*	27,750*	20,550*	20,550*	16,150*	16,150*	9,050*	9,050*
Line	kg	9,340*	9,340*	12,585*	12,585*	9,320*	9,320*	7,325*	7,325*	4,105*	4,105*
-5'0"	lbs	29,050*	29,050*	26,150*	26,150*	19,650*	19,650*	15,050*	15,050*	10,750*	10,750*
(-2.0m)	kg	13,175*	13,175*	11,860*	11,860*	8,910*	8,910*	6,825*	6,825*	4,875*	4,875*
-10'0"	lbs	29,350*	29,350*	22,200*	22,200*	16,750*	16,750*			12,550*	12,550*
(-3.5m)	kg	13,310*	13,310*	10,065*	10,065*	7,595*	7,595*			5,690*	5,690*

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.

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