



5040B

TIMBER LOADER - PRELIMINARY SPEC SHEET

TECH SPECIFICATIONS

Engine

Isuzu AQ-6HK1X	
Horsepower (SAE J 1349, ISO 9249)	268hp (200 kW)
Displacement	475 cu in (7790 cc)
Maximum Torque (SAE J 1349, ISO 9249)	729 lbf-ft (988 N-m)
Starter	24V-5.0kW
Alternator	90 amp
Voltage	24V

Hydraulic System

Hydraulic Pumps

Main pumps - 2 variable displacement axial piston pumps with regulating system	
Max. Oil Flow	2 x 79.3 gpm (2 x 300 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	7.5 gpm (28.5 L/min)
Working Circuit Pressure	570 psi (3.9 MPa)

Aux. Pump - 1 Gear pump

Max. Oil Flow	9.2 gpm (35.0 L/min)
Working Circuit Pressure	2990 psi (20.6 MPa)

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

Boom	2 - 6.69" (170 mm) X 4.53" (115 mm) X 52.83" (1342 mm)
Arm	1 - 7.48" (190 mm) X 5.12" (130 mm) X 64.69" (1643 mm)
Heel	1 - 5.90" (150 mm) X 4.13" (105 mm) X 44.88" (1140 mm)

Swing

Maximum Swing Speed	0-5.9 rpm
Swing Torque	119,000 lbf-ft (162,000 N-m)

Undercarriage

Carrier Rollers	2 per side
Track Rollers	9 per side
Link Pitch	9.0" (228.6 mm)
Shoes	50 per side
Shoe Width	27.5" (700mm)
Ground Pressure	10.4 psi (0.072 MPa)

Travel System

Travel Speeds	1.7-2.8 mph (2.7-4.5 km/h)
Drawbar Pull	76,200 lbf (339 kN)
Gradeability	70% (35°)

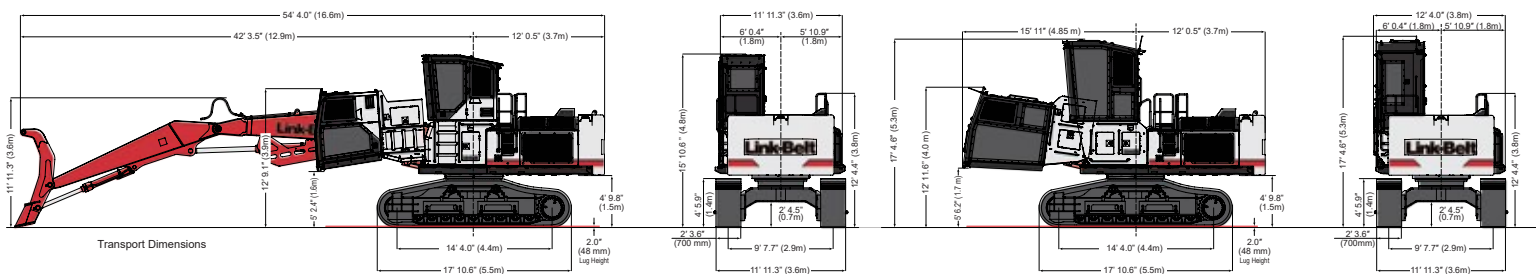
Lubricant and Coolant Capacity

Fuel Tank	216 gal (820 liters)
Hydraulic System	92 gal (350 liters)
Hydraulic Sump Tank	46 gal (175 liters)
Final Drive (per side)	4.0 gal (15.0 liters)
Swing Drive	2.6 gal (10.0 liters)
Engine Oil	12.7 gal (48.0 liters)
DEF Tank	40 gal (152 liters)
Cooling System	10.0 gal (38.0 liters)

Operating Weight

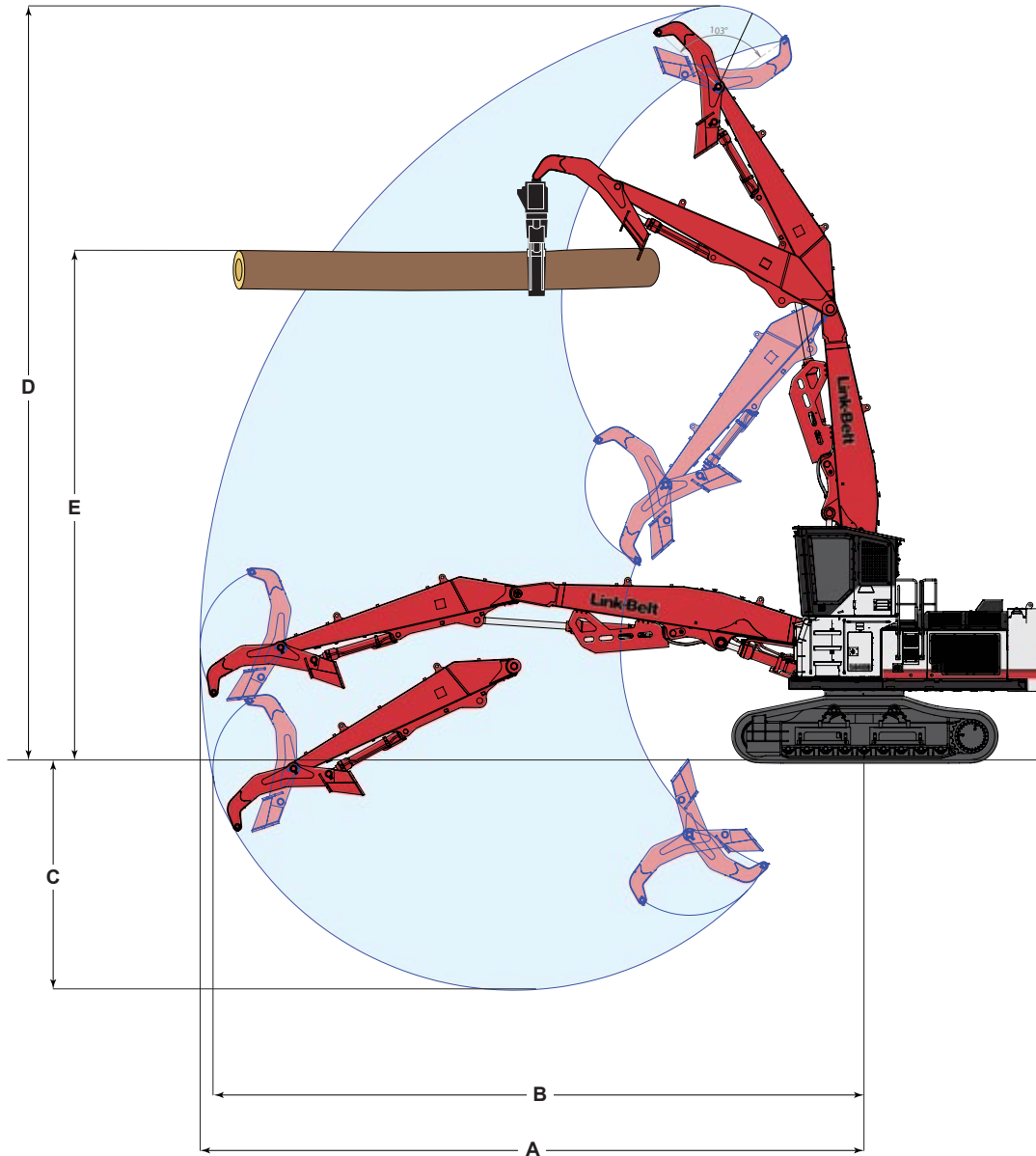
5040B TL Side Entry	111,488 lbs (50,570 kg)
5040B TL Rear Entry	112,753 lbs (51,144 kg)

TRANSPORTATION DIMENSIONS



Link-Belt Forestry 5040B Timber Loader

WORKING RANGE



5040B TL

Machine Equipped with 23' 1.95" (7.06m)
Boom, 16' 4.0" (4.98m) Live Heel Arm

High-Wide Undercarriage 228 Link Pitch

A. Maximum Reach	44' 7.8" (13.6m)
B. Maximum Reach @ Ground Level	43' 11.6" (13.4m)
C. Maximum Depth	15' 4.6" (4.7m)
D. Maximum Height	50' 8.3" (15.5m)
E. Maximum Log Level Height	34' 5.4" (10.5m)

LBX Company

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

#LBX2502

Link-Belt
FORESTRY

Link-Belt Forestry 5040B Timber Loader

LIFT CHARTS - 228 PITCH

High Lift Position 16' 4" (4.98 m) HD Arm with 23' 1" (7.06 m) Boom

		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)		40'0" (12.0 m)		Cap At Max. Reach	
		End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side	End	Side
40'0"	lbs							25,050*	25,050*	19,200*	18,200					17,900*	17,500
(12.0m)	kg							11,360*	11,360*	8,705*	8,255					8,115*	7,935
35'0"	lbs							25,100*	25,100*	22,800*	19,000					15,950*	13,800
(10.5m)	kg							11,385*	11,385*	10,340*	8,615					7,230*	6,255
30'0"	lbs							24,800*	24,800*	22,500*	19,250	20,450*	14,450			14,850*	11,750
(9.0m)	kg							11,245*	11,245*	10,205*	8,730	9,275*	6,550			6,735*	5,325
25'0"	lbs							25,200*	25,200*	22,650*	19,150	20,400*	14,500	16,900	11,100	14,250*	10,400
(7.5m)	kg							11,430*	11,430*	10,270*	8,685	9,250*	6,575	7,665	5,030	6,460*	4,715
20'0"	lbs							26,250*	25,600	23,200*	18,850	20,550*	14,350	16,900	11,150	13,950*	9,600
(6.0m)	kg							11,905*	11,610	10,520*	8,550	9,320*	6,505	7,665	5,055	6,325*	4,350
15'0"	lbs					28,050*	28,050*	27,800*	24,700	24,000*	18,300	20,850*	14,050	16,800	11,000	13,850*	9,050
(4.5m)	kg					12,720*	12,720*	12,605*	11,200	10,885*	8,300	9,455*	6,370	7,620	4,985	6,280*	4,105
10'0"	lbs					36,100*	33,550	29,450*	23,550	24,750*	17,600	20,650	13,600	16,550	10,800	13,550*	8,800
(3.0m)	kg					16,370*	15,215	13,355*	10,680	11,225*	7,980	9,365	6,165	7,505	4,895	6,145*	3,990
5'0"	lbs					38,700*	31,400	30,650*	22,350	25,150*	16,850	20,150	13,200	16,300	10,550	12,200*	8,750
(1.5m)	kg					17,550*	14,240	13,900*	10,135	11,405*	7,640	9,135	5,985	7,390	4,785	5,530*	3,965
Ground	lbs			37,950*	37,950*	39,400*	29,500	30,700*	21,250	24,750*	16,200	19,750	12,800	15,800*	10,350	10,650*	8,900
Line	kg			17,210*	17,210*	17,870*	13,380	13,925*	9,635	11,225*	7,345	8,955	5,805	7,165*	4,690	4,830*	4,035
-5'0"	lbs			27,650*	27,650	37,550*	28,200	29,250*	20,450	23,250*	15,700	18,350*	12,500	13,300*	10,200	10,250*	9,500
(-2.0m)	kg			12,540*	12,540	17,030*	12,790	13,265*	9,275	10,545*	7,120	8,320*	5,665	6,030*	4,625	4,645*	4,305
-10'0"	lbs	14,750*	14,750*	28,900*	28,900*	32,900*	27,500	25,800*	19,950	20,150*	15,400	15,050*	12,350			11,750*	11,050
(-3.5m)	kg	6,690*	6,690*	13,105*	13,105*	14,920*	12,470	11,700*	9,045	9,135*	6,985	6,825*	5,600			5,325*	5,010
#REF!	lbs					25,400*	25,400*	20,000*	19,850							17,250*	17,200
(-5.0m)	kg					11,520*	11,520*	9,070*	9,000							7,820*	7,800

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 5040B

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