



3440B

PROCESSOR - PRELIMINARY SPEC SHEET

TECH SPECIFICATIONS

Engine

Isuzu AQ-4HK1X	
SAE J 1349 Net Horsepower	177 hp (132.1 kW)
Displacement	317 cu in (5193 cc)
Maximum Torque	458 lbf-ft (621 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 61.8 gpm (2 x 234 L/min)

Working Circuit Pressure	
Boom/Arm	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	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 - 4.72" (120mm)	X 3.35" (85mm)	X 49.41" (1255mm)
Arm	1 - 5.51" (140mm)	X 3.94" (100mm)	X 57.48" (1460mm)

Swing

Maximum Swing Speed	11.7 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" (203mm)
Shoes	48 per side
Shoe Width	27.5" (700mm)
Ground Pressure	8.0 psi (0.055 MPa)

Travel System

Travel Speeds	1.9-3.2 mph (3.1-5.2 km/h)
Drawbar Pull	52,200 lbf (232 KN)
Gradeability	70% (35°)

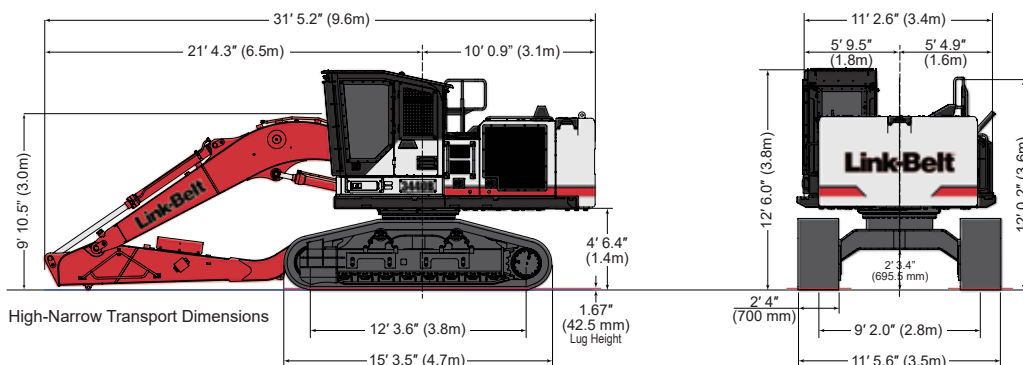
Lubricant and Coolant Capacity

Fuel Tank	216 gal (820 liters)
Hydraulic System	74 gal (280 liters)
Hydraulic 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 Weight

Side Entry Cab Operating Weight (no tool)*	74,477 lbs (33,782 kg)
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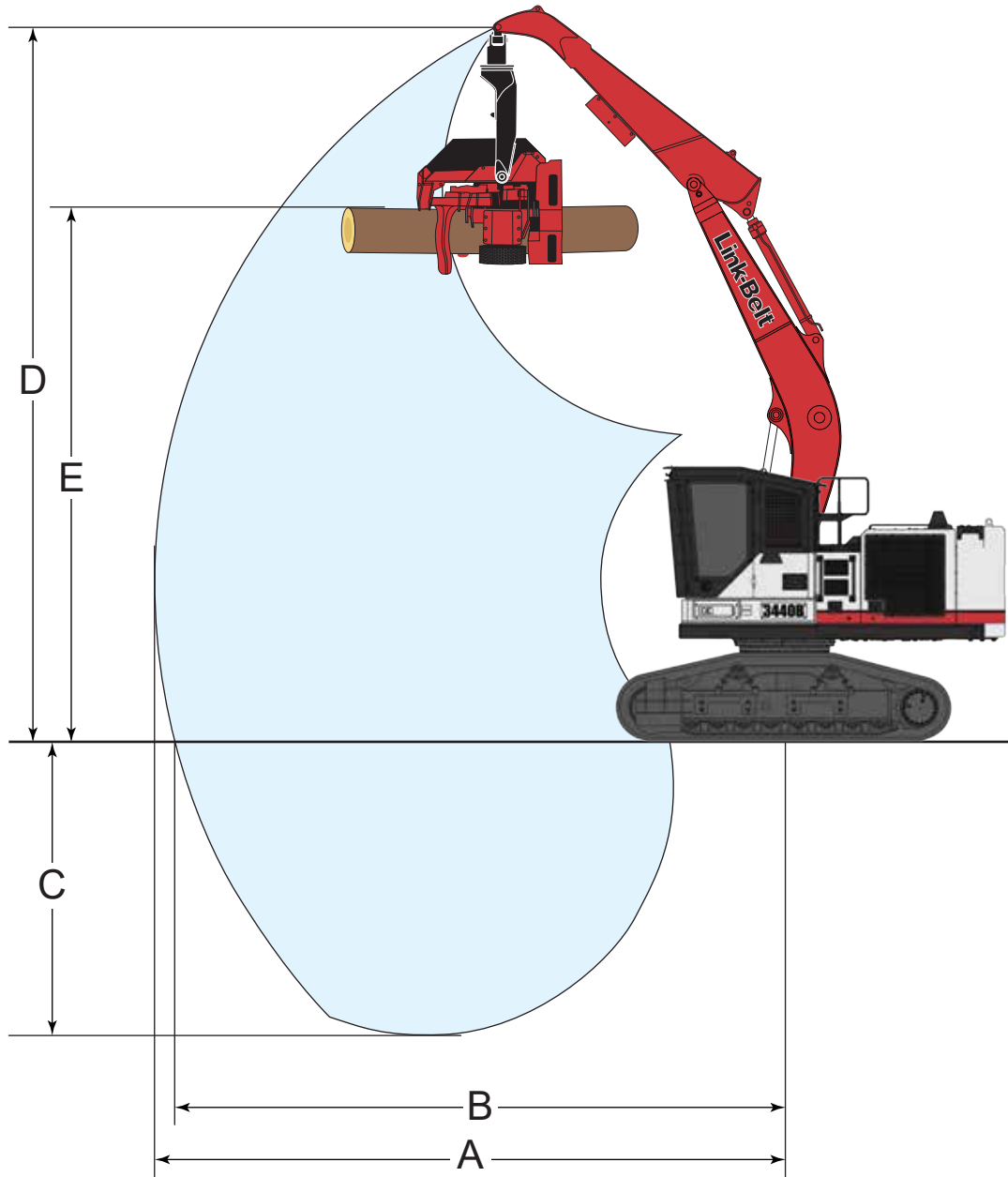
TRANSPORTATION DIMENSIONS



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Link-Belt Forestry 3440B Processor

WORKING RANGE



3440B PH Machine Equipped with 18' 8" (5.7m) Boom, 11' 5" (3.49m) Arm	Standard Lift Position High-Narrow Undercarriage	High-Lift Position High-Narrow Undercarriage
A. Maximum Reach	28' 10.5" (8.8m)	28' 10.5" (8.8m)
B. Maximum Reach @ Ground Level	27' 11.8" (8.5m)	27' 11.8" (8.5m)
C. Maximum Depth	13' 6.2" (4.1m)	13' 6.2" (4.1m)
D. Maximum Height	32' 9.6" (9.9m)	32' 6.9" (9.9m)
E. Maximum Log Level Height	24' 7.7" (7.5m)	25' 3.2" (7.7m)

LBX Company

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

#LBX2483

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Link-Belt Forestry 3440B Processor

LIFT CHARTS

11' 5" (3.49m) Standard Arm with 18' 8" (5.70m) 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			9,750*	9,750*					7,200*	7,200*
	(9.0m)	kg		4,420*	4,420*					3,265*	3,265*
25'0"	lbs					9,550*	9,550*			6,400*	6,400*
	(7.5m)	kg				4,330	4,330*			2900*	2900*
20'0"	lbs			12,000*	12,000*	11,650*	11,650*	7,700*	7,700*	6,150*	6,150*
	(6.0m)	kg		5,440*	5,440*	5,280*	5,280*	3,490*	3,490*	2,785*	2,785*
15'0"	lbs	16,800*	16,800*	15,650*	15,650*	13,050*	13,050*	10,950*	10,950*	6,150*	6,150*
	(4.5m)	kg	7,620*	7,620*	7,095*	7,095*	5,915*	5,915*	4,965*	4,965*	2,785*
10'0"	lbs	28,600*	28,600*	18,550*	18,550*	14,300*	14,300*	11,950*	11,950*	6,450*	6,450*
	(3.0m)	kg	12,970*	12,970*	8,410*	8,410*	6,485*	6,485*	5,420*	5,420*	2,925*
5'0"	lbs	17,450*	17,450*	20,800*	20,800*	15,400*	15,400*	12,400*	12,400*	6,950*	6,950*
	(1.5m)	kg	7,915*	7,915*	9,430*	9,430*	6,985*	6,985*	5,620*	5,620*	3,150*
Ground	lbs	19,400*	19,400*	21,350*	21,350*	15,750*	15,750*	12,350*	12,350*	7,900*	7,900*
	Line	kg	8,795*	8,795*	9,680*	9,680*	7,140*	7,140*	5,600*	5,600*	3,580*
-5'0"	lbs	26,250*	26,250*	20,050*	20,050*	15,000*	15,000*	11,300*	11,300*	9,600*	9,600*
	(-2.0m)	kg	11,905*	11,905*	9,090*	9,090*	6,800*	6,800*	5,125*	5,125*	4,350*
-10'0"	lbs	22,300*	22,300*	16,800*	16,800*	12,500*	12,500*			9,850*	9,850*
	(-3.5m)	kg	10,115*	10,115*	7,620*	7,620*	5,665*	5,665*			4,465*

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.

