Link-Belt Forestry machines are designed and built with you in mind. Whether you’re pioneering sites, building access roads, harvesting timber, processing logs or loading trucks at the mill yard, we’ve got the right equipment for the job. The new Link-Belt 3240 forestry machine features a powerful, fuel-efficient Final Tier 4 engine that doesn’t require a DPF, matched to a larger fuel tank that keeps you working longer. 3240 forestry machines offer improved cycle times, improved swing torque, and better fuel economy. This attention to detail insures that Link-Belt Forestry machines deliver outstanding performance and productivity where it matters most. We focus on the machine so you can focus on your work.
Attention To Details At Every Level

(A) Oregon OSHA/ROPS/WCB-certified cabs are 8082-2 compliant; available with sky roof and escape hatch. Choose rear-entry or side-entry cabs and risers; impact-resistant polycarbonate windows.

(B) 7” high-definition color monitor; full-time rear-view camera is standard. RemoteCARE® telematics keeps a watchful eye on performance, maintenance intervals and theft deterrence.

(C) Superior maneuverability and fine control, with dedicated control valve for application and forestry-exclusive circuit for arm-in-arm regeneration and arm-2 spool.

(D) Convenient ticket slot; operator doesn’t have to bend down to hand the truck driver a log ticket.

(E) Faster cycle time and attachment speed:
   - Faster boom-down/arm-in
   - Faster boom up/swing
   - Swing torque increase
   - Increased lifting capacity due to wider lifting area and rear-mounted counterweight.

(F) Heavy-duty components built for the woods include house doors; covers; protective guards; redesigned undercarriage; reinforced boom foot revolving frame; factory-fabricated attachment with optimized heel.

(G) Tough, field-repairable parts include 3-pc. steel engine hood; add-on hockey stick; LED lights and no-bolt oil filler.

(H) Servicing is a snap, with convenient access to all routine service points, including sample ports for engine and hydraulic oil. All service ports can be accessed via hand-turn knobs, no tools needed.
### Engine

- **Isuzu AR-4HK1X Final Tier 4 turbocharged diesel engine**
- **SAE J 1349 net hp**
  - ............. 160 HP (119.3 kW) @ 1,800 rpm
- **Displacement**
  - .................. 317 cu in (5.2 L)
- **Maximum torque**
  - .................. 457 lbf-ft (620 N-m) @ 1,600 rpm

### Starter

- .................................................. 24V-5.0kW

### Alternator

- .................................................. 85 amp

### Battery

- ............................................ (2) 12-volt 92 amp hours

### Hydraulic System

#### Hydraulic Pumps

- **Maximum flow**
  - .................. 2 x 55.7 gpm (2 x 21 l/min)
- **Pilot pump maximum flow**
  - .................. 4.8 gpm (18 l/min)
- **Auxiliary pump maximum flow**
  - .................. 9.1 gpm (34.6 l/min)

#### Relief Valve Settings

- **Boom/arm/tool**
  - .................. 4,970 psi (343 bar)
- **Swing circuit**
  - .................. 4,190 psi (289 bar)
- **Travel**
  - .................. 4,970 psi (343 bar)

### Hydraulic Oil Filtration

- **Return filter**
  - .................. 6 micron
- **Pilot filter**
  - .................. 8 micron
- **Suction screen**
  - .................. 105 micron

### Swing

- **Swing speed**
  - .................. 0 - 10.5 rpm
- **Tail swing**
  - .................. 10’ 6” (3.20 m)
- **Swing torque**
  - ................. 55,250 lbf-ft. (74.9 kN•m)

### Capabilities

- **Boom**
  - .................. 20’ 2” (6.15 m)
- **Arm**
  - .................. 11’ 0” (3.35 m)

### Capacities

- **Fuel tank**
  - .................. 216 gal. (820 liters)
- **Hydraulic tank**
  - .................. 39 gal. (147 liters)
- **Hydraulic system**
  - .................. 66 gal. (250 liters)
- **Final drive (per side)**
  - .................. 2.5 gal. (9.5 liters)
- **Swing drive**
  - .................. 2.6 gal. (9.7 liters)
- **Engine oil**
  - .................. 6.1 gal. (23.1 liters)
- **DEF Tank**
  - .................. 31.7 gal. (120.0 liters)
- **Cooling system**
  - .................. 8.3 gal. (31.4 liters)

### Operating Weight

- Working weight with side-entry forestry cab, 46” (1.22 m) cab riser, live-heel logging attachment, 9,380 lb. (4,250 kg) counterweight, 27.5” (700 mm) 2-bar shoes, 2,200 lb. (998 kg) tool........................................ 216 gal. (820 liters)

### Timber Loader Travel Dimensions

#### High-Narrow Transport Dimensions

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>11’ 1’’ (3.37 m)</td>
</tr>
<tr>
<td>Height</td>
<td>10’ 0’’ (3.04 m)</td>
</tr>
<tr>
<td>Length</td>
<td>23’ 8’’ (7.22 m)</td>
</tr>
</tbody>
</table>

### Timber Loader Working Range

<table>
<thead>
<tr>
<th>Equipped with Logging Attachment</th>
<th>High Narrow</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Maximum reach</td>
<td>36’ 5” (11.10 m)</td>
</tr>
<tr>
<td>B. Maximum reach @ ground level</td>
<td>35’ 9” (10.89 m)</td>
</tr>
<tr>
<td>C. Maximum depth</td>
<td>12’ 3” (3.74 m)</td>
</tr>
<tr>
<td>D. Maximum height</td>
<td>42’ 9” (13.02 m)</td>
</tr>
<tr>
<td>E. Maximum log level height</td>
<td>30’ 3” (9.22 m)</td>
</tr>
</tbody>
</table>

Working range shown at grapple pin location with live-heel extended
## Timber Loader Lifting Capacities

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

<table>
<thead>
<tr>
<th></th>
<th>10' 0&quot; (3.0 m)</th>
<th>15' 0&quot; (4.5 m)</th>
<th>20' 0&quot; (6.0 m)</th>
<th>25' 0&quot; (7.5 m)</th>
<th>30' 0&quot; (9.0 m)</th>
<th>35' 0&quot; (10.5 m)</th>
<th>Max. Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>End</td>
<td>Side</td>
<td>End</td>
<td>Side</td>
<td>End</td>
<td>Side</td>
<td>End</td>
</tr>
<tr>
<td>+40° 0&quot;</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(12.0 m)</td>
<td>16,300*</td>
<td>7,400*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+35° 0&quot;</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(10.5 m)</td>
<td>16,800*</td>
<td>7,630*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+30° 0&quot;</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(9.0 m)</td>
<td>16,350*</td>
<td>7,420*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+25° 0&quot;</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7.5 m)</td>
<td>16,650*</td>
<td>7,540*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+20° 0&quot;</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(6.0 m)</td>
<td>14,050*</td>
<td>6,370*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+15° 0&quot;</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4.5 m)</td>
<td>21,750*</td>
<td>9,860*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+10° 0&quot;</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3.0 m)</td>
<td>24,800*</td>
<td>11,260*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>+5° 0&quot;</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1.5 m)</td>
<td>27,100*</td>
<td>12,280*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ground Line</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7,950*</td>
<td>3,600*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-5° 0&quot;</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1.5 m)</td>
<td>10,200*</td>
<td>4,620*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-10° 0&quot;</td>
<td>lbs</td>
<td>kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3.0 m)</td>
<td>18,900*</td>
<td>8,580*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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 with 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 LLC.
Road Builder Specifications

**Engine**
- Isuzu AR-4HK1X Final Tier 4 turbocharged diesel engine
- SAE J 1349 net hp: 160 HP (119 kW) @ 1,800 rpm
- Displacement: 317 cu. in. (5.2 L)
- Maximum torque: 457 lb-ft (620 N-m) @ 1,600 rpm
- Starter: 24V-5.0kW
- Alternator: 24V-5.0kW
- Battery: 85 amp
- Maximum flow: (2) 12-volt 92 amp hours

**Hydraulic System**
- **Filter**
  - Return filter: 6 micron
  - Pilot filter: 8 micron
  - Suction screen: 105 micron
- **Pumps**
  - Maximum flow: 2 x 55.7 gpm (2 x 21 l/min)
  - Pilot pump maximum flow: 4.8 gpm (18 l/min)
- **Valve Settings**
  - Relief valve setting: 4,970 psi (343 bar)
  - Circuit: 4,190 psi (295 bar)
- **Oil Filtration**
  - Return filter: 6 micron
  - Pilot filter: 8 micron
  - Suction screen: 105 micron

**Swing**
- Swing speed: 0 - 10.5 rpm
- Tail swing: 10’ 6” (3.20 m)
- Swing torque: 55,250 lb-ft (74.9 kN-m)

**Undercarriage**
- Carrier rollers: 2 per side
- Track rollers: 8 per side
- Track link pitch: 8.0’ (241 mm)
- Shoes: 48 per side
- Shoe width: 27.5’ (700 mm)
- Ground Pressure (less cab): 8.59 psi (0.059 MPa)

**Travel System**
- Max. travel speed: 1.6 - 2.7 mph (2.6 - 4.4 km/h)
- Drawbar pull: 58,000 lb (258 kN)
- Gradeability: 70% (35°)

**Attachment**
- Boom: 18’ 8” (5.70 m)
- Arm: 9’ 8” (2.94 m)

**Capacities**
- Fuel tank: 216 gal. (820 liters)
- Hydraulic tank: 39 gal. (147 liters)
- Hydraulic system: 66 gal. (250 liters)
- Final drive (per side): 2.5 gal. (9.5 liters)
- Swing drive: 2.6 gal. (9.7 liters)
- Engine oil: 6.1 gal. (23.1 liters)
- DEF Tank: 31.7 gal. (120.0 Liters)
- Cooling system: 8.3 gal. (31.4 liters)

**Operating Weight - No Tool**
- Working weight with side-entry forestry cab, 12” (305 mm) cab riser, road builder attachment, high-narrow undercarriage, 9,380 lb. (4,250 kg) counterweight, 27.5” (700 mm) 2-bar shoes, no bucket
- High-narrow undercarriage: 72,325 lbs (32,806 kg)

**Road Builder Travel Dimensions**

**Road Builder Working Range**

<table>
<thead>
<tr>
<th>Machine Equipped with</th>
<th>High-Lift Position</th>
<th>Standard Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>19’ 2” (5.85 m) Boom, 9’ 10” (3.30 m) Arm</td>
<td>High Narrow Undercarriage</td>
<td>High Narrow Undercarriage</td>
</tr>
<tr>
<td>A. Maximum reach</td>
<td>32’ 6” (9.91 m)</td>
<td>32’ 6” (9.91 m)</td>
</tr>
<tr>
<td>B. Maximum reach @ ground level</td>
<td>31’ 8” (9.66 m)</td>
<td>31’ 8” (9.66 m)</td>
</tr>
<tr>
<td>C. Maximum dig depth</td>
<td>17’ 0” (5.18 m)</td>
<td>20’ 8” (6.31 m)</td>
</tr>
<tr>
<td>D. Maximum dig height</td>
<td>36’ 8” (11.17 m)</td>
<td>32’ 6” (9.95 m)</td>
</tr>
<tr>
<td>E. Maximum dump height</td>
<td>27’ 2” (8.28 m)</td>
<td>23’ 9” (7.23 m)</td>
</tr>
<tr>
<td>F. Digging depth 8” (2.44 m) level bottom</td>
<td>16’ 5” (5.01 m)</td>
<td>20’ 1” (6.13 m)</td>
</tr>
<tr>
<td>G. Maximum vertical wall depth</td>
<td>14’ 2” (4.33 m)</td>
<td>18’ 9” (5.72 m)</td>
</tr>
</tbody>
</table>

High-Narrow Transport Dimensions

High-Lift Position

Standard Position
## Road Builder Lifting Capacities

### 9' 8" (2.94 m) Arm with 18' 8" (5.70 m) Boom in Standard Position and 1,440 lb. (650 kg) Bucket (High Narrow Undercarriage)

<table>
<thead>
<tr>
<th>Ground Line</th>
<th>5' 0&quot; (1.5 m)</th>
<th>10' 0&quot; (3.0 m)</th>
<th>15' 0&quot; (4.5 m)</th>
<th>20' 0&quot; (6.0 m)</th>
<th>25' 0&quot; (7.5 m)</th>
<th>30' 0&quot; (9.0 m)</th>
<th>Max. Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>+25' 0&quot;</td>
<td>lbs</td>
<td>6,000</td>
<td>3,090</td>
<td>7,550</td>
<td>5,750</td>
<td>1,950</td>
<td>6,450</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>3,090</td>
<td>3,090</td>
<td>7,550</td>
<td>5,750</td>
<td>1,950</td>
<td>6,450</td>
</tr>
<tr>
<td>+20' 0&quot;</td>
<td>lbs</td>
<td>11,500</td>
<td>5,350</td>
<td>8,500</td>
<td>5,750</td>
<td>1,870</td>
<td>8,500</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>5,350</td>
<td>5,350</td>
<td>8,500</td>
<td>5,750</td>
<td>1,870</td>
<td>8,500</td>
</tr>
<tr>
<td>+15' 0&quot;</td>
<td>lbs</td>
<td>19,500</td>
<td>10,800</td>
<td>14,250</td>
<td>10,400</td>
<td>1,870</td>
<td>14,250</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>10,800</td>
<td>10,800</td>
<td>14,250</td>
<td>10,400</td>
<td>1,870</td>
<td>14,250</td>
</tr>
<tr>
<td>+10' 0&quot;</td>
<td>lbs</td>
<td>21,600</td>
<td>11,750</td>
<td>15,350</td>
<td>11,450</td>
<td>1,870</td>
<td>15,350</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>11,750</td>
<td>11,750</td>
<td>15,350</td>
<td>11,450</td>
<td>1,870</td>
<td>15,350</td>
</tr>
<tr>
<td>+5' 0&quot;</td>
<td>lbs</td>
<td>16,950</td>
<td>14,750</td>
<td>18,500</td>
<td>13,150</td>
<td>1,670</td>
<td>13,150</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>14,750</td>
<td>14,750</td>
<td>18,500</td>
<td>13,150</td>
<td>1,670</td>
<td>13,150</td>
</tr>
<tr>
<td>-5' 0&quot;</td>
<td>lbs</td>
<td>15,100</td>
<td>12,000</td>
<td>16,000</td>
<td>13,800</td>
<td>1,150</td>
<td>13,800</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>12,000</td>
<td>12,000</td>
<td>16,000</td>
<td>13,800</td>
<td>1,150</td>
<td>13,800</td>
</tr>
<tr>
<td>-10' 0&quot;</td>
<td>lbs</td>
<td>22,150</td>
<td>24,000</td>
<td>29,250</td>
<td>24,000</td>
<td>1,870</td>
<td>24,000</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>24,000</td>
<td>24,000</td>
<td>29,250</td>
<td>24,000</td>
<td>1,870</td>
<td>24,000</td>
</tr>
<tr>
<td>-15' 0&quot;</td>
<td>lbs</td>
<td>23,450</td>
<td>28,400</td>
<td>33,750</td>
<td>28,400</td>
<td>1,870</td>
<td>28,400</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>28,400</td>
<td>28,400</td>
<td>33,750</td>
<td>28,400</td>
<td>1,870</td>
<td>28,400</td>
</tr>
</tbody>
</table>

### 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 with 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 LLC.
### Bucket Sizes

<table>
<thead>
<tr>
<th>Bucket Type</th>
<th>SAE Heaped Capacity (yd³)</th>
<th>Width Outside Lip (in)</th>
<th>Bucket Weight (lbs)</th>
<th>Number of Teeth</th>
<th>Arm Length 9' 8&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>STDP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard duty plate</td>
<td>0.65 0.50</td>
<td>24 610</td>
<td>1151 522</td>
<td>4 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.67 0.67</td>
<td>30 762</td>
<td>1265 574</td>
<td>4 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.09 0.83</td>
<td>36 914</td>
<td>1433 650</td>
<td>5 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.31 1.00</td>
<td>42 1067</td>
<td>1570 712</td>
<td>5 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.53 1.17</td>
<td>48 1219</td>
<td>1687 765</td>
<td>5 M</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.75 1.34</td>
<td>54 1372</td>
<td>1853 841</td>
<td>6 L</td>
<td></td>
</tr>
<tr>
<td>HDP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy duty plate</td>
<td>0.64 0.49</td>
<td>24 610</td>
<td>1392 631</td>
<td>3 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.85 0.65</td>
<td>30 762</td>
<td>1592 722</td>
<td>4 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.07 0.82</td>
<td>36 914</td>
<td>1794 814</td>
<td>5 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.29 0.99</td>
<td>42 1067</td>
<td>1954 886</td>
<td>5 M</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.51 1.15</td>
<td>48 1219</td>
<td>2114 959</td>
<td>5 L</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.72 1.32</td>
<td>54 1372</td>
<td>2315 1050</td>
<td>6 L</td>
<td></td>
</tr>
<tr>
<td>XDP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extreme duty plate</td>
<td>0.64 0.49</td>
<td>24 610</td>
<td>1549 703</td>
<td>3 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.86 0.65</td>
<td>30 762</td>
<td>1769 802</td>
<td>4 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.07 0.82</td>
<td>36 914</td>
<td>1933 877</td>
<td>4 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.29 0.99</td>
<td>42 1067</td>
<td>2152 976</td>
<td>5 M</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.51 1.15</td>
<td>48 1219</td>
<td>2316 1051</td>
<td>5 L</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.72 1.32</td>
<td>54 1372</td>
<td>2536 1150</td>
<td>6 L</td>
<td></td>
</tr>
<tr>
<td>POWER</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HDP for use with ESCO multi-pin grabber only</td>
<td>0.61 0.47</td>
<td>24 610</td>
<td>1956 867</td>
<td>3 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.80 0.61</td>
<td>30 762</td>
<td>2102 953</td>
<td>4 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.99 0.76</td>
<td>36 914</td>
<td>2287 1037</td>
<td>5 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.18 0.90</td>
<td>42 1067</td>
<td>2433 1104</td>
<td>5 M</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.38 1.06</td>
<td>48 1219</td>
<td>2578 1189</td>
<td>5 L</td>
<td></td>
</tr>
<tr>
<td>DITCH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.08 0.83</td>
<td>60 1524</td>
<td>1470 667</td>
<td>0 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.20 0.92</td>
<td>66 1676</td>
<td>1557 706</td>
<td>0 H</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.32 1.01</td>
<td>72 1829</td>
<td>1648 748</td>
<td>0 M</td>
<td></td>
</tr>
</tbody>
</table>

### Approval Code For Arm/Bucket Combinations

- **H** = Heavy material (up to 3,370 lbs./yd³)
- **M** = Medium material (up to 2,700 lbs./yd³)
- **L** = Light material (up to 2,020 lbs./yd³)
- **N/A** = Not applicable
Processor Specifications

Engine
Isuzu AR-4HK1X Final Tier 4 turbocharged diesel engine
SAE J 1349 net hp.............. 160 HP (119.3 kW) @ 1,800 rpm
Displacement.................. 317 cu. in. (5.2 L)
Maximum torque.............. 457 lbf-ft (620 N-m) @ 1,600 rpm
Starter......................... 24V-5.0kW
Alternator..................... 85 amp
Battery......................... (2) 12-volt 92 amp hours

Hydraulic System
Hydraulic Pumps
Maximum flow.................. 2 x 55.7 gpm (2 x 211 l/min)
Pilot pump maximum flow..... 4.8 gpm (18 l/min)
Relief Valve Settings
Boom/arm/tool.................. 4,970 psi (343 bar)
Swing circuit.................. 4,190 psi (289 bar)
Travel......................... 4,970 psi (343 bar)
Hydraulic Oil Filtration
Return filter.................... 6 micron
Pilot filter...................... 8 micron
Suction screen.................. 105 micron
Auxiliary drain line filter.. 8 micron

Swing
Swing speed...................... 0 - 10.5 rpm
Tail swing....................... 10’ 6” (3.2 m)
Swing torque................. 55,170 lbf-ft (74.8 kN-m)

Undercarriage
Carriers......................... 2 per side
Track rollers................. 8 per side
Track link pitch........... 8.0” (203 mm)
Shoes........................... 48 per side
Shoe width..................... 27.5 (700 mm)
Ground Pressure (less cab) 7.83 psi (0.054 MPa)

Travel System
Max. travel speed........... 1.7 - 2.9 mph (2.7 - 4.7 km/h)
Drawbar pull............... 51,700 lbf (230 kN)
Gradeability.................... 70% (35°)

Attachment
Boom.............................. 18’ 8” (5.70 m)
Arm............................... 11’ 6” (3.50 m)

Capacities
Fuel tank.................. 216 gal. (820 liters)
Hydraulic tank........... 39 gal. (147 liters)
Hydraulic system......... 66 gal. (250 liters)
Final drive (per side).... 2.5 gal. (9.5 liters)
Swing drive.................. 2.6 gal. (9.7 liters)
Engine oil.................. 6.1 gal. (23.1 liters)
DEF Tank...................... 31.7 gal. (120.0 Liters)
Cooling system........... 6.3 gal. (31.4 liters)

Operating Weight - No Tool
Working weight with side-entry forestry cab, 12” (305 mm) cab riser, high-narrow undercarriage, 9,380 lb (4,250 kg) counterweight, 27.5” (700 mm) 2-bar shoes, no processing tool
71,341 lbs (32,360 kg)

Processor Travel Dimensions

Processor Working Range

<table>
<thead>
<tr>
<th>Machine Equipped with Logging Attachment</th>
<th>High-Narrow Undercarriage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Maximum reach</td>
<td>28’10” (8.80 m)</td>
</tr>
<tr>
<td>B. Maximum reach @ ground level</td>
<td>28’0” (8.53 m)</td>
</tr>
<tr>
<td>C. Maximum depth</td>
<td>13’6” (4.12 m)</td>
</tr>
<tr>
<td>D. Maximum height</td>
<td>32’7” (9.93 m)</td>
</tr>
<tr>
<td>E. Maximum log level height</td>
<td>24’7” (7.50 m)</td>
</tr>
</tbody>
</table>
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 with 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 LLC.

### Processor Specifications

<table>
<thead>
<tr>
<th>Processor Specifications</th>
<th>11′ 6″ (3.50 m) Arm with 18′ 8″ (5.70 m) Boom in High-Lift Position - High Narrow Undercarriage</th>
</tr>
</thead>
<tbody>
<tr>
<td>10′ 0″ (3.0 m)</td>
<td>10′ 0″ (3.0 m) End Side, 15′ 0″ (4.5 m) Side, 20′ 0″ (6.0 m) End Side, 25′ 0″ (7.5 m) End Side, Cap at Max. Reach End Side</td>
</tr>
<tr>
<td>+30° 0″ lbs (9.0 m)</td>
<td>7,500* 7,500* End Side, 6,600* 6,600* 6,600* 6,600* 6,600* 6,600*</td>
</tr>
<tr>
<td>+25° 0″ lbs (7.5 m)</td>
<td>5,340* 5,340* 5,340* 5,340* 5,340* 5,340*</td>
</tr>
<tr>
<td>+20° 0″ lbs (4.5 m)</td>
<td>11,750* 11,750* 10,500* 10,500* 10,500* 10,500* 10,500* 10,500* 10,500* 10,500*</td>
</tr>
<tr>
<td>+15° 0″ lbs (3.0 m)</td>
<td>15,500* 15,500* 13,400* 13,400* 13,400* 13,400* 13,400* 13,400* 13,400* 13,400*</td>
</tr>
<tr>
<td>+10° 0″ lbs (1.5 m)</td>
<td>19,100* 19,100* 16,300* 16,300* 16,300* 16,300* 16,300* 16,300* 16,300* 16,300*</td>
</tr>
<tr>
<td>+5° 0″ lbs (1.5 m)</td>
<td>24,600* 24,600* 21,450* 21,450* 21,450* 21,450* 21,450* 21,450* 21,450* 21,450*</td>
</tr>
<tr>
<td>Ground lbs</td>
<td>17,350* 17,350* 16,300* 16,300* 16,300* 16,300* 16,300* 16,300* 16,300* 16,300*</td>
</tr>
<tr>
<td>Line kg</td>
<td>7,630* 7,630* 7,510* 7,510* 7,510* 7,510* 7,510* 7,510* 7,510* 7,510*</td>
</tr>
<tr>
<td>-5° 0″ lbs (1.5 m)</td>
<td>10,860* 10,860* 9,530* 9,530* 9,530* 9,530* 9,530* 9,530* 9,530* 9,530*</td>
</tr>
<tr>
<td>-10° 0″ lbs (3.0 m)</td>
<td>13,750* 13,750* 11,700* 11,700* 11,700* 11,700* 11,700* 11,700* 11,700* 11,700*</td>
</tr>
</tbody>
</table>

Notes: 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. 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. Lifting capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Capacities marked with an asterisk (*) are limited by hydraulic capacities. Least stable position is over the side. Operate should be fully acquainted with the Operator’s Manual & Operating Safety Booklet, furnished by LBX before operating the machine. Capacities apply only to the machine as originally manufactured and normally equipped by LBX Company LLC.

### RemoteCARE®

**RemoteCARE®** lets you remotely monitor and track machine location, operational performance, working status and periodic maintenance requirements - now at no cost to you. It tracks and records both routine and major service intervals for your machines, giving you more flexibility and control when scheduling maintenance procedures. It also lets you be more proactive if potential failure conditions arise; whenever a diagnostic trouble code (DTC) is detected, a warning message appears on the machine display, and an e-mail alert is automatically sent to you. RemoteCARE also assists in theft prevention by offering 24/7 surveillance and geofencing capabilities.

**FREE Subscription Includes:**
- 24/7 Remote Monitoring and Security
- Machine Location
- Geo-fence & Curfew Range
- Actual Fuel Consumption
- Fuel Levels
- Hour Meter Reading
- Radiator Water Temperature
- Machine Working Time / Idle Time
- Attachment Working Hours
- Working Modes
- Service Maintenance Reminders
- Service Warnings

**RemoteCARE® App**
Manage your Link Belt equipment with this user friendly telematics management tool with GPS technology. The RemoteCARE App provides timely and reliable machine utilization.

**App features include...**
- Machine location
- Fuel efficiency
- DTC notification history
- Actual fuel consumption
- Analytical snapshots
- Favorite list
- Utilization report
- Idle rate

Download Apple or Android app at [lbxco.com/apps](http://lbxco.com/apps) for phone & tablet.
Forestry Standard & Optional Equipment

**CAB**
- LED exterior lights
- Key fob with remote machine light-up functionality; (2) riser step, (3) cab
- SCM air-suspension heated seat, sliding/reclining, adjustable armrests, lumbar support, retractable seat belt, +/- 5 degree tilt
- 4-position tilting consoles with memory position and hydraulic lock-out
- Auto climate control a/c & heat, defrost
- Sirius® Satellite ready sound system w/ AM/FM, MP3 port, USB port, dual speakers & mute button
- Job ticket slot, cup holder, 12-volt accessory outlet, digital clock, 24-volt cigarette lighter, ashtray, dome light, coat hook, high output dual horn, floor mat
- 2-position LED swivel map lights w/ red ambient illumination for safety & night vision compatibility
- High definition LCD monitor w/ full color 7” display
- Anti-theft device
- Single motor dual arm intermittent/continuous windshield wiper w/ washer
- Single pedal travel
- Travel alarm with cancellation switch
- CB radio & antenna mounting provision
- Vandal locks with common key
- On-board diagnostic system
- Rear view camera (full time display)
- RemoteCARE – telematics
- 2-position sun shade

**ENGINE**
- EPA Tier IV Isuzu diesel engine, no DPF system to maintain
- Three selectable work modes
- 85 amp alternator
- Common rail fuel injection
- Turbocharger with intercooler
- Neutral safety start
- Idle start
- Glow plug pre-heat
- Auto engine warm-up
- Auto idling system
- One-touch idle
- Dual remote fuel filters with water separation
- Double element air filter with in-cab restriction indicator (SE only)
- Remote, full-flow engine oil filter
- Green plug engine oil drain
- EPF Engine Protection
- Emergency engine stop
- Engine oil & hydraulic oil sample ports
- Battery disconnect switch

**HYDRAULICS**
- Open-center hydraulic system
- Auto swing priority
- Auxiliary hydraulics for open/close/rotate
- Pre-set auxiliary pump settings
- Control levers pre-wired for auxiliary
- Two-speed with auto shift & straight travel
- Attachment cushion valve

**UNDERCARRIAGE**
- Sealed and lubricated track chain
- Forestry-style upper roller brackets w/ scrapers
- Planetary drive
- Spring-applied, hydraulic release brake
- 27.5” (700 mm) 2-bar grouser
- Full-length track guards (2 piece, bolt-on)
- HD purpose-built swivel guard belly pan
- HD purpose-built upper belly pans
- HD purpose-built reinforced frame (upper & lower)
- HD purpose-built travel motor covers

**UPPERSTRUCTURE**
- Rear mounted fuel tank
- HD purpose-built pump & radiator doors
- HD purpose-built tank skin
- HD purpose-built full length catwalks w/ non-skid edge treatment- welded
- HD purpose-built turntable bearing & swing motor
- RH corner guard w/ (2) lights & (2) horns
- Non-skid surface pads
- 9,150 lbs (4 150 kg) Forestry counterweight
- ISO compliant guard and hand rails along upper structure
- Large RH storage box

**ATTACHMENT**
- HD boom cylinder guard
- Arm cylinder guards (TL)

**Optional Equipment**

**CAB**
- Oregon OSHA/ROPS/WCB compliant side-entry forestry cab with sky roof and escape hatch
- Oregon OSHA/ROPS/WCB compliant rear-entry forestry cab with 48” hydraulic tilting riser; only available when equipped with B-N-T arm.
- 1/2” front window polycarbonate
- 1-1/4” front window polycarbonate - LBX requires 1-1/4” front window polycarbonate for all machines with a processing head installed.

**HYDRAULICS**
- Hydraulic reversible fan

**UNDERCARRIAGE**
- 27.5” (700 mm) single-bar grouser

**UPPERSTRUCTURE**
- “Hockey Stick” guard for RH front corner guard

**ATTACHMENT**
- Log loader attachment equipped w/ live-heel (TL)
Timber Loaders
We’ve earned our reputation for building strong and dependable log loaders for use in the woods or millyards. Our loaders can be equipped with Fixed or Live-Heel booms to handle large diameter logs and tree-length loads. Or choose from a variety of Butt-N-Top grapple options to match your needs perfectly.

Road Builders
For tasks such as pioneering, construction and maintenance of access roads and right-of-way logging, we’ve got the right machines for the job. Our road builders are built to move boulders, dig trenches or clear debris with ease.

Processors
Link-Belt Forestry swing machines are designed to be configured as high-capacity timber processors with your choice of harvesting heads. Choose high-wide or high-narrow undercarriage, single-bar or three-bar grouser shoes to match your application perfectly.

Rock-Solid Warranty Coverage
All 40 Series machines are backed by a 3-year/3,000 hour Full Machine Warranty*, 2-year /3,000 hour Engine Warranty (2,000 hrs engine electrical parts), 3-year/5,000 hour Powertrain Warranty, 3-year /10,000 hour XtraStructure Warranty (exclusions apply: scrap, demolition, material handling, severe or extreme duty applications, non-Link-Belt attachments), 5-year/3,000 hour EPA Emissions Warranty and participation in the LBX Fluids Analysis Program for the duration of the Powertrain warranty. Extended warranty coverage packages are also available. FREE RemoteCARE® telematics.

*Applies to 2018 or newer serialized models only.

Our Dealers Know Their Way Around The Woods
A network of Link-Belt Forestry and Excavator dealers across the U.S. and Canada is waiting to serve you. Expect fast and dependable service, backed by 24/7 access to parts.