**Engine**

Isuzu AQ-6HUX Final Tier 4 turbocharged diesel engine with electronic control (ECM) and high pressure common-rail fuel injection, 6-cylinder, water-cooled, Cooled Exhaust Gas Recirculation (EGR), Intercooler, Variable-Geometry Turbocharger (VGT), Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) system with Dosing Control Module and heated DEF lines and tank. Electronic fuel pump and priming, Fuel cooler, Auto-idle start, Auto warm-up, EPF engine protection, dual-stage fuel filtration, remote oil filter, engine oil sample port, green plug oil drain, double element air filter.

- SAE J 1349 net horsepower .................................................. 362 hp (270 kW) @ 2,000 rpm
- Displacement ..................................................................... 329 hp (245 kW) @ 2,000 rpm
- Maximum Torque ........................................................ 1,005 lbf-ft (1,363 Nm) @ 1,500 rpm
- Starter ................................................................................. 24V-5.5kW
- Alternator ............................................................................... 50 amp
- Battery ............................................................................ (2) 12-volt 128 amp hours

**Undercarriage**

Retractable carbody with 17" (4.32 m) LC long undercarriage by 12" (3.2 m) track gauge, Sealed and strutted track chain with double track guide, Sealed rollers and idlers, Two-speed independent hydrostatic travel with compact planetary final drive, Disc type brakes, Adjustable track tension, Carbody belly pan.

- Carrier Rollers ......................................................... 3 per Side (Retractable sideframe undercarriage)
- Track Rollers ................................................................. 9 per Side
- Track Link Pitch .............................................................. 9.02" (229 mm)
- Shoes ............................................................................... 50 per Side
- Shoe Width .................................................................... 29.5" (750 mm)
- Ground Pressure - no attachment .............................. 9.4 psi (0.065 MPa)

**Travel System**

Two-speed independent hydrostatic travel with compact axial-piston motors, Hydraulic motor powered output shaft coupled to a planetary reduction drive and track sprocket, All hydraulic components mounted within the width of side frame, Automatic downshift for high torque to overcome obstacles, Spring-applied hydraulic release parking brake built into each motor, Travel motors equipped with counterbalance valve to prevent over-speeding down an incline, Single-pedal straight line travel.

- Travel Speeds ............................................................. 2.0 - 3.3 mph (3.2 - 5.3 km/h)
- Drawbar Pull ...................................................................... 76,200 lbs (339 kN)
- Gradeability ..................................................................... 70% (35°)

**Attachment**

- Boom ...................................................................................... 30' 4" (9.25 m)
- Arm ......................................................................................... 25' 6" (7.77 m)

**Lubricant and Coolant Capacity**

- Fuel Tank ............................................................................. 172 Gallons (650 Liters)
- Hydraulic System ............................................................. 122 Gallons (460 Liters)
- Hydraulic Tank .................................................................. 61 Gallons (230 Liters)
- Final Drive (per side) ......................................................... 4 Gallons (15 Liters)
- Swing Drive ......................................................................... 2.8 Gallons (10.5 Liters)
- Engine Oil ........................................................................... 10.8 Gallons (41 Liters)
- DEF Tank ........................................................................... 40 Gallons (152 Liters)
- Coolant System ................................................................. 14.6 Gallons (55.1 Liters)

**Operating Weight - no tool**

Working weight with 29.5" (750 mm) shoes, 30' 4" (9.25 m) boom, 25' 6" (7.77 m) arm and 24,900 lb. (11 300 kg) counterweight - no tool ............................... 126,216 lbs. (57 277 kg)
**Working Range & Travel Dimensions**

<table>
<thead>
<tr>
<th>Machine Equipped with 30' 4&quot; (9.25 m) Boom, 25' 6&quot; (7.77 m) Arm - No tool</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Maximum reach</strong></td>
</tr>
<tr>
<td>55' 1&quot; (16.78 m)</td>
</tr>
<tr>
<td><strong>B. Maximum reach @ ground level</strong></td>
</tr>
<tr>
<td>54' 5&quot; (16.59 m)</td>
</tr>
<tr>
<td><strong>C. Maximum depth</strong></td>
</tr>
<tr>
<td>23' 5&quot; (7.14 m)</td>
</tr>
<tr>
<td><strong>D. Maximum height</strong></td>
</tr>
<tr>
<td>60' 4&quot; (18.39 m)</td>
</tr>
</tbody>
</table>

**Without Catwalk**

- 10' 3" (3.12 m)  
- 6' 4" (1.93 m)  
- 4' 11" (1.50 m)

**Working Range & Travel Dimensions**

- 21' 4" (6.50 m)
- 9' 4" (2.85 m)  
- 11' 11" (3.65 m)

- 42' 8" (13.10 m)
- 14' 4" (4.37 m)  
- 17' 9" (5.42 m)

- 12' 2" (3.72 m)  
- 12' 2" (3.72 m)  
- 14' 11" (4.55 m)
## Lift Capacities

### Notes: Excavator lifting capacities

1. Lifting capacities shown should not be exceeded. Weight of all lifting accessories must be deducted from the above lifting 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.
7. Lift capacity ratings are based on ISO 10567, “Earthmoving Machinery - Hydraulic Excavators - Lift Capacity.”

### Radius of Load

**25'-0" (7.77 m) Arm with 30'-4" (9.25 m) Boom**

<table>
<thead>
<tr>
<th>Radius of Load</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>40'-0&quot; (12.0 m)</th>
<th>45'-0&quot; (13.5 m)</th>
<th>50'-0&quot; (15.0 m)</th>
<th>55'-0&quot; (16.76 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>+55' 0&quot; (16.5 m)</td>
<td>lbs</td>
<td>21,552*</td>
<td>21,552*</td>
<td>9,776*</td>
<td>9,776*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>kg</td>
<td>9,435*</td>
<td>9,435*</td>
<td>7,280*</td>
<td>7,280*</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>+50' 0&quot; (15.0 m)</td>
<td>lbs</td>
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<td>20,801*</td>
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<td>16,050*</td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>kg</td>
<td>9,435*</td>
<td>9,435*</td>
<td>7,280*</td>
<td>7,280*</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
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<td>22,406*</td>
<td>19,945*</td>
<td>19,945*</td>
<td>16,051*</td>
<td>16,051*</td>
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</tr>
<tr>
<td>kg</td>
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<td>10,163*</td>
<td>9,047*</td>
<td>9,047*</td>
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<td>6,827*</td>
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<td></td>
</tr>
<tr>
<td>+40' 0&quot; (12.0 m)</td>
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<td>23,246*</td>
<td>21,764*</td>
<td>21,764*</td>
<td>18,850*</td>
<td>18,850*</td>
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</tr>
<tr>
<td>kg</td>
<td>10,544*</td>
<td>10,544*</td>
<td>9,872*</td>
<td>9,872*</td>
<td>8,550*</td>
<td>8,550*</td>
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<td></td>
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<tr>
<td>+35' 0&quot; (10.5 m)</td>
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<td>23,931*</td>
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<td>22,606*</td>
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<td>19,945*</td>
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<tr>
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<td>10,855*</td>
<td>9,280*</td>
<td>9,280*</td>
<td>7,970*</td>
<td>7,970*</td>
<td>6,582*</td>
<td>6,582*</td>
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<td></td>
</tr>
<tr>
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<td>24,459*</td>
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<td>23,347*</td>
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<td>20,884*</td>
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<tr>
<td>kg</td>
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<td>11,782*</td>
<td>10,590*</td>
<td>10,590*</td>
<td>9,581*</td>
<td>9,581*</td>
<td>7,838*</td>
<td>7,838*</td>
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<td></td>
</tr>
<tr>
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<td>25,975*</td>
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<tr>
<td>kg</td>
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<td>11,782*</td>
<td>10,590*</td>
<td>10,590*</td>
<td>9,581*</td>
<td>9,581*</td>
<td>7,838*</td>
<td>7,838*</td>
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<td></td>
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<tr>
<td>+20' 0&quot; (6.0 m)</td>
<td>lbs</td>
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<td>27,622*</td>
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<td>25,975*</td>
<td>22,853*</td>
<td>22,853*</td>
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<tr>
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<td>12,529*</td>
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<td>11,350*</td>
<td>10,366*</td>
<td>10,366*</td>
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<td>8,753*</td>
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<td>lbs</td>
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<td>30,534*</td>
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<td>12,297*</td>
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<td>10,935*</td>
<td>10,935*</td>
<td>9,280*</td>
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<td></td>
</tr>
<tr>
<td>+10' 0&quot; (3.0 m)</td>
<td>lbs</td>
<td>44,051*</td>
<td>44,051*</td>
<td>32,221*</td>
<td>32,221*</td>
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<tr>
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<td>19,981*</td>
<td>15,976*</td>
<td>15,976*</td>
<td>13,333*</td>
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<td>9,872*</td>
<td>9,872*</td>
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<td></td>
</tr>
<tr>
<td>+5' 0&quot; (1.5 m)</td>
<td>lbs</td>
<td>66,193*</td>
<td>66,193*</td>
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<td>43,831*</td>
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<tr>
<td>kg</td>
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<td>31,850*</td>
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<td>16,911*</td>
<td>13,850*</td>
<td>13,850*</td>
<td>9,872*</td>
<td>9,872*</td>
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</tr>
<tr>
<td>Ground</td>
<td>lbs</td>
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<tr>
<td>kg</td>
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<td>17,007*</td>
<td>15,090*</td>
<td>15,090*</td>
<td>13,333*</td>
<td>13,333*</td>
<td>9,872*</td>
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<tr>
<td>Line</td>
<td>kg</td>
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<td>17,007*</td>
<td>16,470*</td>
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<td>15,090*</td>
<td>15,090*</td>
<td>11,942*</td>
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<tr>
<td>-5' 0&quot; (1.5 m)</td>
<td>lbs</td>
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<td>12,033*</td>
<td>8,979*</td>
<td>8,979*</td>
<td>7,280*</td>
<td>7,280*</td>
<td>4,957*</td>
<td>4,957*</td>
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</tr>
<tr>
<td>kg</td>
<td>5,458*</td>
<td>5,458*</td>
<td>3,973*</td>
<td>3,973*</td>
<td>3,248*</td>
<td>3,248*</td>
<td>2,246*</td>
<td>2,246*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-10' 0&quot; (3.0 m)</td>
<td>lbs</td>
<td>8,759*</td>
<td>8,759*</td>
<td>6,169*</td>
<td>6,169*</td>
<td>5,122*</td>
<td>5,122*</td>
<td>3,973*</td>
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</tr>
<tr>
<td>kg</td>
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<td>4,035*</td>
<td>3,073*</td>
<td>3,073*</td>
<td>2,453*</td>
<td>2,453*</td>
<td>1,846*</td>
<td>1,846*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-15' 0&quot; (4.5 m)</td>
<td>lbs</td>
<td>17,846*</td>
<td>17,846*</td>
<td>12,453*</td>
<td>12,453*</td>
<td>9,987*</td>
<td>9,987*</td>
<td>7,970*</td>
<td>7,970*</td>
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</tr>
<tr>
<td>kg</td>
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<td>8,095*</td>
<td>6,369*</td>
<td>6,369*</td>
<td>4,957*</td>
<td>4,957*</td>
<td>3,973*</td>
<td>3,973*</td>
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<td></td>
</tr>
<tr>
<td>-20' 0&quot; (6.0 m)</td>
<td>lbs</td>
<td>25,022*</td>
<td>25,022*</td>
<td>18,050*</td>
<td>18,050*</td>
<td>13,350*</td>
<td>13,350*</td>
<td>9,872*</td>
<td>9,872*</td>
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</tr>
<tr>
<td>kg</td>
<td>11,350*</td>
<td>11,350*</td>
<td>7,838*</td>
<td>7,838*</td>
<td>5,281*</td>
<td>5,281*</td>
<td>3,973*</td>
<td>3,973*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Standard & Optional Equipment**

### Standard Equipment

**CAB**
- 12V Power Outlet
- AM/FM Sound System
- Anti-Theft Device
- Auxiliary Switches on Control Lever
- Bluetooth
- Cab Filter - External
- Cab Handrails
- Cab Interior Light
- Cab ISO-Mounts
- Cab Light (2 LED)
- Clear Roof Window
- Climate Control A/C and Heater
- Cup Holder
- Defroster
- Digital Clock
- Emergency Exit and Hammer
- Face Vent
- Floor Mat
- FOPS Level 1 Certified
- Front Guard (OPG 1) - Bar style
- Front Window One-Touch Lock
- Gate Lock Hydraulic Activation
- Horn
- Hour Meter (Digital)
- Hydraulic Cab Riser
- LCD Color Monitor
- Magazine Storage Rack
- Maintenance Interval Reminders
- MPD Auxiliary Input Jack
- On-Board Diagnostic System
- One-Piece Right Window
- Radio Mute Switch
- Rear View Camera
- Rear View Mirrors [2]
- Remote CARE Support System (GPS)
- Roof Sun Shade
- Safety Glass Windows
- SCM Air-Suspension Seat with Tilt & Heater
- Seat Recline
- Selectable Monitor Languages
- Small Storage
- Travel Alarm with Cancel Switch
- Trip Meter (Digital)
- USB Input
- Wiper & Washer
- Wiper Switch on RH Joystick

**ENGINE**
- 50A Alternator
- Air Filter [Double Element]
- Air Filter Restriction Indicator
- Air Pre-Cleaner [Cyclone type]
- Auto Warm-Up System
- Auto-Idle
- Auto-Idle Engine Shutdown
- Battery Disconnect Switch
- Cooling Fan - Reversing
- Diesel Oxidation Catalyst (DOC)
- Drain for Fuel Tank
- Dual Remote Fuel Filters with Water Separators
- EGR Coolers
- Emergency Engine Stop
- Engine Idle System
- Engine Oil Sample Port
- Engine Protection Feature
- External Fuel Gauge
- External DEF Gauge
- Fan Housing
- Fuel Cooler
- Fuel Filter Restriction Indicator
- Fuel Management System
- Fuel Shut-Off Valve
- Fuel Usage History
- Fuel Usage Monitor
- Glow Plug Pre-Heat
- Idle-Start
- Intercooler
- Neutral Start
- One-Touch Idle
- Passive Emissions Regeneration
- Radiator/Oil Cooler/Intercooler Protective Screen
- Remote Engine Oil Drain
- Remote Oil Filter
- Selective Catalytic Reduction (SCR)
- DEF Gauge on Monitor
- VGT Turbocharger
- Auto-Idle
- Auto-Idle Engine Shutdown
- Battery Disconnect Switch
- Cooling Fan - Reversing
- Diesel Oxidation Catalyst (DOC)
- Drain for Fuel Tank
- Dual Remote Fuel Filters with Water Separators
- EGR Coolers
- Emergency Engine Stop
- Engine Idle System
- Engine Oil Sample Port
- Engine Protection Feature
- External Fuel Gauge
- External DEF Gauge
- Fan Housing
- Fuel Cooler
- Fuel Filter Restriction Indicator
- Fuel Management System
- Fuel Shut-Off Valve
- Fuel Usage History
- Fuel Usage Monitor
- Glow Plug Pre-Heat
- Idle-Start
- Intercooler
- Neutral Start
- One-Touch Idle
- Passive Emissions Regeneration
- Radiator/Oil Cooler/Intercooler Protective Screen
- Remote Engine Oil Drain
- Remote Oil Filter
- Selective Catalytic Reduction (SCR)
- DEF Gauge on Monitor
- VGT Turbocharger

**HYDRAULICS**
- Anti-Drift Valve (Arm & Boom)
- Arm Regeneration
- Arm Speed Assistance [2 Pump Flow]
- Attachment Cushion Valve
- Auto Swing Priority
- Auxiliary Flow Control
- Auxiliary Tool Settings (Memory)
- Auxiliary Valve
- Boom Regeneration
- Boom Speed Assistance [2 Pump Flow]
- Control Levers Pre-Wired for Auxiliary Hyd.
- Electronically Controlled Hydraulic Pumps
- Fire Wall
- Free Swing
- Hose Burst Check Valve
- Hydraulic Filter Restriction Indicator
- Hydraulic Oil Sample Port
- Long Life Hydraulic Oil (5,000 Hour)
- Neutral Pump De-Stroke
- Oil Cooler
- Power Save
- Pressure Reading on Monitor
- Pump Stand-By Pressure
- Single Pedal Travel
- Straight Travel Circuit

**UNDERCARRIAGE**
- 750 mm (29.5” in) 3-Bar Steel Grousers
- Carbody Belly Pan (Swivel Guarding)
- Double Track Guard
- Lashing Points (Tie-Downs)
- Long Undercarriage
- Sealed Link Chain
- Steps
- Strutted Track Chain
- Retractable Carbody

**UPPERSTRUCTURE**
- Belly Pans
- Center Cover [Over Main CV]
- Fuel Tank Belly Pan
- Hand Rail (RH access)
- ISO Guard Rails
- Lifting Eyes for Counterweight
- Lockable Fuel Cap and Service Doors
- Turntable Tub
- Work Lights (Boom and Right Front Corner, LED)
- Catwalks

**ATTACHMENT**
- 25’ 6” (7.77 m) Arm
- 30’ 4” (9.25 m) Main Boom Section
- Boom Work Light [2 LED]
- Chrome Pins - Boom Foot, Boom Cylinder Base
- Easy Maintenance System (EMS) - Boom Foot
- Remote Lube Bank
- Teardrop Pin Retention Keepers - Boom Foot and Boom Cylinder Base

**PARTS KIT**
- Engine Manual
- Engine Oil Filter
- Filter Wrench
- Fuel Filters
- Grease Gun
- Green Plug Drain Hose for Engine Oil Drain
- Hydraulic Return Filter
- Ignition Keys
- Pilot Circuit Hydraulic Filter
- Rearview Mirrors

### Optional Equipment

**CAB**
- 270° WAVES™ Camera System
- Cab Light [Rear, LED]
- Cab Sun Screen [rear]
- FOPS Head Guard [Level 2]
- Front Guard (OPG 2)
- LED Light Kit for Side Camera [2]
- LED Lights for Rear Camera [2]
- Rain Deflector
- Under Cab Camera
- Side view camera

**UNDERCARRIAGE**
- Full-Length Track Guard
- 600 mm (23.6” in) 3-Bar Steel Grousers

**ATTACHMENT**
- Fully Automatic Lube System

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Litho in USA 4/19 #LBX2405

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