### 350 X2 Specifications

#### Standard Equipment
- **KAB 815 sliding/reclining suspension seat with 4-position tilt consoles with memory function and hydraulic lock subsystem**
- **Auto climate control/air and heat**
- **Auto-defrost with interior and exterior temperature sensors**
- **Automatic brake release**
- **Power steering with adjustable 4-inch armrest, lumbar support and sunshade, storage, LH and RH rear view mirrors**
- **Hydraulics**
- **Track guides - triple**
- **Front guard - mesh or bars**
- **Cab lights - exterior**
- **Accurate lift and tilt indicator with dual digital readout**
- **Four selectable working modes, anti-theft password protection**
- **Controls**

#### Options
- **Arms**
  - 10.4’-8.5’ (3.25 m) 8’-8” (2.63 m)
  - 13’-3” (4.0 m)
- **Tracks**
  - 31.6’ (9.64 m) 30’-6” (9.27 m)
  - 33’-5” (10.16 m) 32’-1” (9.80 m)
- **Hydraulics**
  - Swing torque
  - 82,607 lbf-ft. (112 kN•m)
  - Adult safety kit
  - 48 per side
  - 8 per side
- **Fuel tank**
  - 2.09 gal. (7.9 liters)
  - 7.93 gal. (30.0 liters)
- **Swing torque**
  - 82,607 lbf-ft. (112 kN•m)
  - Maximum pressure
  - 5,410 psi (373 bar)
- **Operating Weight:**
  - 34,620 lb. (15,700 kg)

#### Operating Weight:
- 79,146 lbs. (35,998 kg)

### Cap and Controls
- **Pressurized cab with climate control and air/heat with defroster, LCD monitor, illuminated soft-touch switches, tow-light, 2-speed independent auxiliary hydraulics, control panel changeover, single pedal travel, sliding LEVARDO® windows, safety glass front window with automatic locking system and window cover, independent windshield wiper with washer, emergency rear window exit, polyurethane coated rain hatch with shutter, shockless cab suspension with 4 fluid mountings, auto-retracting suspension seat, sliding-position sitting control console, AM/FM radio, digital clock, dog bone, seatbelt, cab lock, cup holder, storage compartments, floor mat, interior dome, 24-volt cigarette lighter, 12-volt outlet, travel alarm, handrails, mirrors.

#### Hydraulic System
- **Swing torque**
  - 82,607 lbf-ft. (112 kN•m)
  - Maximum pressure
  - 5,410 psi (373 bar)
- **Fuel tank**
  - 2.09 gal. (7.9 liters)
  - 7.93 gal. (30.0 liters)
- **Swing torque**
  - 82,607 lbf-ft. (112 kN•m)
- **Maximum pressure**
  - 5,410 psi (373 bar)
- **82,607 lbf-ft. (112 kN•m)**

#### Lubricant and Coolant Capacity
- **Fuel tank**
  - 153.2 gal. (580 liters)
  - 20% (8.0 gal.)
- **Hydraulic System**
  - 90% (360 gal.)
  - 20% (8.0 gal.)
- **Final drive (per side)**
  - 2.5 gal. (9.5 liters)
- **Swing drive**
  - 2.0 gal. (7.9 liters)
- **Swing steering**
  - 7.5 gal. (30 liters)

#### Swing
- **Planetary reduction powered by axial piston motor. Internal ring gear with gear box for swing pinion. Mechanical disc swing brake. Auto power swing.**

#### Travel System
- **Two-speed independent hydrostatic travel with compact axial piston motors. Hydraulic motor powered output shaft coupled to a planetary reduction unit and track sprocket. All hydraulic components mounted within the width of side frame. Automatic downshift. Single pedal travel. Spring applied, hydraulically released disc parking brake built into each motor. Each travel motor equipped with counterbalance valve to prevent overensing down an incline. Max. travel speed:**
  - 2.2 – 5.5 mph (3.5 – 8.9 km/h)
- **Graduation**
  - 70% (35)

### Attatchment
- **Boom**
  - 21’ 2” (6.45 m)
  - 40% (17.0 kN)
- **Digging Force**
  - 16’ 2” (4.9 m)
  - 25% (10.5 kN)
- **Max. travel speed:**
  - 2.2 – 5.5 mph (3.5 – 8.9 km/h)

#### Notes
- **Excavator lifting capacities**
  - 1. Lifiting capacities shown should not be exceeded.
  - 2. Weight of all lifting accessories must be deducted from the above lifting capacities.

### Table

#### Bucket Sizes

<table>
<thead>
<tr>
<th>Bucket Type</th>
<th>Width (in)</th>
<th>Lip (in)</th>
<th>Weight (lbs)</th>
<th>of 8´-8˝</th>
<th>10´-8˝</th>
<th>13´-3˝</th>
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#### Stated Hydraulic Specifications

<table>
<thead>
<tr>
<th>Arm Length</th>
<th>2.63 m</th>
<th>2.55 m</th>
<th>2.46 m</th>
<th>2.38 m</th>
<th>2.30 m</th>
<th>2.60 m</th>
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#### Specifications

<table>
<thead>
<tr>
<th>Lip</th>
<th>Weight</th>
<th>of 8´-8˝</th>
<th>10´-8˝</th>
<th>13´-3˝</th>
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<tr>
<td>1</td>
<td>253</td>
<td>307</td>
<td>235</td>
<td>200</td>
</tr>
</tbody>
</table>

### Engine
- **4.5 liter, 4-cylinder, water-cooled, 30-degree V-engine with electronic fuel control, 6-cylinder water-cooled engine, EGR with cooler, air-to-air inter-cooler, fuel filter, electric fuel pump, coolant and auxiliary hydraulics, control panel changeover, single pedal travel, sliding LEVARDO® windows, safety glass front window with automatic locking system and window cover, independent windshield wiper with washer, emergency rear window exit, polyurethane coated rain hatch with shutter, shockless cab suspension with 4 fluid mountings, auto-retracting suspension seat, sliding-position sitting control console, AM/FM radio, digital clock, dog bone, seatbelt, cab lock, cup holder, storage compartments, floor mat, interior dome, 24-volt cigarette lighter, 12-volt outlet, travel alarm, handrails, mirrors.

### Approval Code for Arm/Bucket Combinations

<table>
<thead>
<tr>
<th>H</th>
<th>M</th>
<th>L</th>
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<tbody>
<tr>
<td>Heavy Material</td>
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<td>Standard Equipment</td>
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<tr>
<td>Bucket Sizes</td>
<td>2.76</td>
<td>2.09</td>
</tr>
</tbody>
</table>

### Operating Weight
- 79,146 lbs. (35,998 kg)
- 21’ 2” (6.45 m)
- 40% (17.0 kN)
- 40% (17.0 kN)
### 350 X2 Specifications

#### Lifting Capacities

<table>
<thead>
<tr>
<th>10' 0&quot; (3.05 m)</th>
<th>15' 0&quot; (4.57 m)</th>
<th>20' 0&quot; (6.09 m)</th>
<th>25' 0&quot; (7.62 m)</th>
<th>30' 0&quot; (9.14 m)</th>
<th>35' 0&quot; (10.67 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>End</td>
<td>End</td>
<td>End</td>
<td>End</td>
<td>End</td>
<td>End</td>
</tr>
<tr>
<td>26,600 lbs (12,000 kg)</td>
<td>39,400 lbs (17,900 kg)</td>
<td>46,450 lbs (21,090 kg)</td>
<td>56,850 lbs (25,770 kg)</td>
<td>68,225 lbs (30,930 kg)</td>
<td>79,600 lbs (36,070 kg)</td>
</tr>
<tr>
<td>Side</td>
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<td>Side</td>
<td>Side</td>
<td>Side</td>
<td>Side</td>
</tr>
<tr>
<td>21,770 lbs (9,880 kg)</td>
<td>30,450 lbs (13,830 kg)</td>
<td>37,130 lbs (16,870 kg)</td>
<td>45,400 lbs (20,610 kg)</td>
<td>53,670 lbs (24,320 kg)</td>
<td>61,940 lbs (27,650 kg)</td>
</tr>
</tbody>
</table>

#### Radius of Load

<table>
<thead>
<tr>
<th>10' 0&quot; (3.05 m)</th>
<th>15' 0&quot; (4.57 m)</th>
<th>20' 0&quot; (6.09 m)</th>
<th>25' 0&quot; (7.62 m)</th>
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<th>35' 0&quot; (10.67 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>End</td>
<td>End</td>
<td>End</td>
<td>End</td>
<td>End</td>
<td>End</td>
</tr>
<tr>
<td>11,500 lbs (5,220 kg)</td>
<td>18,880 lbs (8,530 kg)</td>
<td>23,540 lbs (10,700 kg)</td>
<td>28,200 lbs (12,800 kg)</td>
<td>32,860 lbs (14,890 kg)</td>
<td>37,520 lbs (16,970 kg)</td>
</tr>
<tr>
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<td>Side</td>
<td>Side</td>
<td>Side</td>
<td>Side</td>
</tr>
<tr>
<td>10,430 lbs (4,740 kg)</td>
<td>16,830 lbs (7,640 kg)</td>
<td>21,230 lbs (9,630 kg)</td>
<td>25,630 lbs (11,610 kg)</td>
<td>29,930 lbs (13,590 kg)</td>
<td>34,230 lbs (15,520 kg)</td>
</tr>
</tbody>
</table>

#### Machine specifications

<table>
<thead>
<tr>
<th>10' 0&quot; (3.05 m) Arm</th>
<th>15' 0&quot; (4.57 m) Arm</th>
<th>20' 0&quot; (6.09 m) Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>26,600 lbs (12,000 kg)</td>
<td>39,400 lbs (17,900 kg)</td>
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<td>37,130 lbs (16,870 kg)</td>
</tr>
</tbody>
</table>

#### Working Ranges

- **Maximum reach (A)**: 35' 0" (10.67 m)
- **Maximum reach @ ground level (B)**: 26' 0" (7.92 m)
- **Maximum dig depth (C)**: 34' 0" (10.37 m)
- **Maximum dump height (D)**: 32' 0" (9.75 m)
- **Digging depth - (E)**: 23' 0" (7.01 m)
- **Bucket rotation**: 17' 3" (5.26 m)
- **Maximum vertical wall depth**: 42' 10" (13.02 m)

#### Diagram

- **LinkBelt**: 10' 8" (3.25 m) Arm
- **350 X2**: 8' 2" (2.43 m) Arm
- **13' 3" (4.04 m) Arm
KAB 815 slicing/remote suspension seat with adjustable 4-inch armrests, lumbar support and retractable seat belt.
Safety glass front window with auto lock, windshield wiper and washer with intermittent speeds, Lexan® rear view mirrors.
4-position tilt consoles with memory position and hydraulic lock-off feature.
Auto climate control air and heat.
Auto dimmer switch with button, horn, interior light, digital clock, hour meter, facia panel, cup holder, storage compartments, foot rest, steering, 4-door voltage cigarette lighter, 12-volt outlet, travel alarm, wire harness, mirrors.
Single pedal travel.
Travel alarm with remote switch.
Vandal guarding with bolt-on or composite material.
EPA Tier IV Final diesel engine for reduced NOx emissions.
Common rail fuel injection.
Turbogrid configuration with water separator.
Neutral safety start.
Idea drive switch.
Dowel plug preheat.
Auto engine warm-up.
Auto sit-down switch.
Auto sit-down system.
One piece frame.
Dual remote fuel filters with water separation.
Double element air filter with each restriction indicator.
External fuel gauge.
Removable, fully-flow engine oil filter base.
Green plug engine oil drain.
EPF Engine Protection.
Emergency engine stop.
Open-center hydraulic system.
Four selectable work modes including attachment mode.

**Standard Equipment**

- Auto power boost
- Auto swing variability
- Pre-set auxiliary pump settings - 10
- Auxiliary valve
- Stackable main control valve
- Auxiliary pipe brackets
- Control levers pre-wired for auxiliary functions
- Sealed and lubricated track chain
- Twin-speed with auto shift and straight travel
- Hydraulics
- Swing torque
- In-cab deflection control
- Thumbs hydraulics with swing activation
- In-cab and 3rd auxiliary with swing and pedal activation
- Couplers
- ESCO multi-pin grabber
- Single-acting with switch or pedal activation
- Thumb hydraulic with in-cab flow direction control
- Thumb hydraulic with in-cab flow direction control
- Thumbs hydraulics with swing activation
- In-cab and 3rd auxiliary with swing and pedal activation
- Couplers
- ESCO multi-pin grabber
- Single-acting with switch or pedal activation
- Thumb hydraulic with in-cab flow direction control
- Thumb hydraulic with in-cab flow direction control
- Thumbs hydraulics with swing activation
- In-cab and 3rd auxiliary with swing and pedal activation
- Couplers
- ESCO multi-pin grabber

**Options**

- Arm: 10.4’-8’ (3.25’-2.44’)
- Bucket: 3.25’-6’ (1.00’-1.83’)
- Backhoe: 10.4’-6’ (3.25’-1.83’)
- Drawbar pull: 36,850 lbf (164 kN)
- Engine: 271 HP (202 kW)
- Fuel tank: 153.25 gal (578 liters)
- Hydraulic system: 50,480 lb (228 kN)
- Final drive (per side): 2.51 ft (0.76 m)
- Cooling system: 7.95 ft (2.42 m)
- Travel System:
  - Two-speed independent hydraulic travel with compact planetary final drive, d/c type brakes, adjustable track tension, swivel guard
  - Boom: Travel with Auto Boost power swing.
  - Travel System:
  - Two-speed independent hydraulic travel with compact planetary final drive, d/c type brakes, adjustable track tension, swivel guard
  - Boom: Travel with Auto Boost power swing.
  - Drawbar pull: 36,850 lbf (164 kN)
  - Engine: 271 HP (202 kW)
  - Fuel tank: 153.25 gal (578 liters)
  - Hydraulic system: 50,480 lb (228 kN)
  - Final drive (per side): 2.51 ft (0.76 m)
  - Cooling system: 7.95 ft (2.42 m)

---

**Equipment**

- Engine:
  - Base AM-6GH/R75Y5 Tier 3 turbocharged diesel engine with electronic fuel control, 6 cylinder water cooled, EGR, SCR, with after-cooler, air-air intercooler, 2,246 kg (4,955 lbs) fuel weight, auto start, intercooler, auto start, fuel weight, auto safety start, grow lights, auto start, EPIR, engine protection, dual fuel filter, nuts and bolt, green plug oil drain.
- SAE net horsepower: 271 HP (202 kW, 2.000 rpm)
- Displacement: 7.8 L
- Multi-speed modes: SP, Hi (1,200 rpm), L (1,000 rpm)
- Starting: 24V, 48V, 60V, 72V
- Alternator: 60, 90, 120 amp
- Battery: 120 amp hours

---

**Swing**

Planetary reduction powered by an axial piston motor. Interior ring gear with sleeve for easy swing pin. Swing is single-inline shear type ball bearing. Mechanical disc swing brake. Auto power swing.

**Swing System**

Two-speed independent hydraulic travel with compact planetary final drive, d/c type brakes, adjustable track tension, swivel guard

---

**LX8 Travel System**

- Boom: Travel with Auto Boost power swing.
- Drawbar pull: 36,850 lbf (164 kN)
- Engine: 271 HP (202 kW)
- Fuel tank: 153.25 gal (578 liters)
- Hydraulic system: 50,480 lb (228 kN)
- Final drive (per side): 2.51 ft (0.76 m)
- Cooling system: 7.95 ft (2.42 m)

---

**Attachment**

- Boom: Travel with Auto Boost power swing.
- Drawbar pull: 36,850 lbf (164 kN)
- Engine: 271 HP (202 kW)
- Fuel tank: 153.25 gal (578 liters)
- Hydraulic system: 50,480 lb (228 kN)
- Final drive (per side): 2.51 ft (0.76 m)
- Cooling system: 7.95 ft (2.42 m)

---

**Fuel Usage**

- Heavy: 10.6 gal (39.5 liters) per hour
- Average: 8.5 gal (32.0 liters) per hour
- Light: 5.9 gal (22.7 liters) per hour
- Trenching: 6.9 gal (26.1 liters) per hour

---

**Operating Weight**

- Working weight with 31.5’ (9.6 m) shoes, 21’ 2’’ (6.45 m) boom, 10’ 5” (3.18 m) arm, 207 lbf (949 kN) drawbar pull, and 36,850 lbf (164 kN) drawbar pull:
  - 79,146 lbs (35 900 kg)

---

**Specifications**

- **Bucket Sizes**
  - Standard duty plate
  - High duty plate
  - Extreme duty plate
  - Power: For use with ESCO multi-pin grabber only

---

**Engines**

- Base AM-6GH/R75Y5 Tier 3 turbocharged diesel engine with electronic fuel control, 6 cylinder water cooled, EGR, SCR, with after-cooler, air-air intercooler, 2,246 kg (4,955 lbs) fuel weight, auto start, intercooler, fuel weight, auto safety start, grow lights, auto start, EPIR, engine protection, dual fuel filter, nuts and bolt, green plug oil drain.
- SAE net horsepower: 271 HP (202 kW, 2.000 rpm)
- Displacement: 7.8 L
- Multi-speed modes: SP, Hi (1,200 rpm), L (1,000 rpm)
- Starting: 24V, 48V, 60V, 72V
- Alternator: 60, 90, 120 amp
- Battery: 120 amp hours

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**Swing**

Planetary reduction powered by an axial piston motor. Interior ring gear with sleeve for easy swing pin. Swing is single-inline shear type ball bearing. Mechanical disc swing brake. Auto power swing.

**Swing System**

Two-speed independent hydraulic travel with compact planetary final drive, d/c type brakes, adjustable track tension, swivel guard

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**LX8 Travel System**

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- Heavy: 10.6 gal (39.5 liters) per hour
- Average: 8.5 gal (32.0 liters) per hour
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- Trenching: 6.9 gal (26.1 liters) per hour

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**Operating Weight**

- Working weight with 31.5’ (9.6 m) shoes, 21’ 2’’ (6.45 m) boom, 10’ 5” (3.18 m) arm, 207 lbf (949 kN) drawbar pull, and 36,850 lbf (164 kN) drawbar pull: 79,146 lbs (35 900 kg)