### Drive Train

- **Control:** Dual stage relief/counter balance design
- **Brakes:** Mechanical disc
- **Service Brakes:** SAHR disc – each motor
- **Two Speed Travel:**
  - Max. high speed: 3.4 mph (5.5 km/h)
  - Max. low speed: 2.1 mph (3.3 km/h)
- **Automatic Downshift**
- **Drawbar Pull:** 61,373 lbf (273 kN)
- **Gradeability:** 70% – 35° Slope

### Electrical

- **Voltage:** 24 Volts
- **Alternator Rating:** 50 amp
- **Batteries:** 2 x 12 Volt
- **Battery Reserve Capacity:** 128 Ah/5 hour
- **Work Lights:** 4 x 24 Volt/70 watt
- **1 Boom, 1 Upper, 2 Cab**

### Operator Environment

- **Air Conditioner Output:** 18,100 BTU/hr
- **Heater Output:** 20,150 BTU/hr
- **Sound Level Inside Cab:** ISO6395 – 71 dBA
- **Electrical Outlet:** 12 Volt
- **Cab Interior Light:** 10 watt
- **Rear View Camera:** Standard
- **Seat:** Air-suspension, heated and 65° tiltable
- **Monitor:**
  - Rear view and side view – optional camera display
  - Mode 1: work mode, Travel mode
  - Attachment selection, Auto idle indicator
  - Fuel consumption gauge, Power boost icon
  - Fuel bar graph, Oil temperature bar graph
  - DEF/AdBlue bar graph, Auto glow indicator
  - Auxiliary mode display, Hour meter, Camera angle indicator
  - Mode 2: free swing/swing lock indicator, Light icon, Wiper icon, Mute icon
  - Seat belt icon, Warning messages, Time and date
  - Water temperature bar graph
  - DEF/AdBlue refill icon, Anti-theft icon, DTC indicator
  - Low output icon, SCR cleaning icon, SCR warning icons
  - Freeze protection, Trip meter, Pressure reading
- **Seat:**
  - High-back seat w/ heat and air suspension
  - Adjustments: 65° tilt, manual weight, seat height headrest, lumbar support, backrest angle, pivoting armrests linked to consoles
  - Retractable seat belt and control consoles adjust independently of seat

### Attachments

- **Boom:** 21 ft 2 in (6.45 m)
- **HD Boom:** 21 ft 2 in (6.45 m)
- **Arm Options:**
  - Standard: 10 ft 8 in (3.25 m)
  - Short: 8 ft 8 in (2.63 m)
  - Long: 13 ft 3 in (4.04 m)
- **Bucket Digging Force:**
  - 51,638 lbf (230 kN)
  - W/ Auto Power-Boost: 56,157 lbf (250 kN)

**NOTE:** Digging force ratings based on ISO6015.

### Operating Weight

- **Operating Weight:**
  - 82,483 lb (37 414 kg)
  - W/ shoes: 2 ft 7 in (800 mm)
  - W/ boom: 21 ft 2 in (6.45 m)
  - W/ arm: 10 ft 8 in (3.25 m)
  - W/ bucket: 2,601 lb (1 180 kg)
  - W/ counterweight: 16,314 lb (7 400 kg)

**NOTE:** W/ operator/full fuel/standard equipment.

### Ground Pressure

- **Standard Operating Weight:** 7.5 psi (0.52 bar)
- **W/ 31.5 in (800 mm) triple semi-grouser shoes**

### Hydraulics

- **System Design:** Open center
- **Main Pumps:** Two-variable displacement/axial piston
- **Max. Rated Flow:** 79.3 gpm (300 L/min)
- **System Pressures:**
  - Boom, arm and bucket: 4,975 psi (343 bar)
  - Power Boost: 5,410 psi (373 bar)
  - Travel Circuits: 4,975 psi (343 bar)
  - Swing Circuits: 4,409 psi (304 bar)
- **Pilot Pump:** 1 x gear design
  - Max. Capacity: 7.5 gpm (28.5 L/min)
- **Controls:**
  - w/ boom/arm holding valve: 1 x Four-spool section
  - Right Track Travel, bucket, boom and arm acceleration:
  - Left Track Travel, auxiliary, swing, boom and arm acceleration:
  - Work Mode Selections:
    - SP: Speed Priority
    - H: Heavy-Duty
    - A: Automatic
- **Swing Motor:** Fixed displacement axial piston
- **Swing Final Drive:** Planetary gear reduction
- **Travel Motor:** Two-speed independent travel/axial piston

### Engine

- **Model:** Isuzu AQ-6HK1X
- **Emissions Certification:** Tier 4 Final
- **Fuel:** Requires ultra-low sulfur fuel
  - B5 biodiesel tolerant
- **Type:** Water-cooled, 4-cycle diesel,
  - 6-cylinder in-line high pressure common rail system – electric control,
  - VGT Turbocharger w/ air cooled intercooler, SCR system
- **Cylinders:** 6-cylinder in-line
- **Displacement:** 475 in³ (7.8 L)
- **Bore/Stroke:** 4.53 x 4.92 in (115 x 125 mm)
- **Fuel Injection:** Direct injection – electronic
- **Fuel Filter:** Replaceable, full flow spin-on cartridge
- **Air Filter:** Dry type element
  - w/ warning restriction indicator
- **Engine Gradeability:**
  - Side-to-side: 35°
  - Fore and aft: 35°
- **Net Horsepower – SAE J1349 @ 1900 RPM:** 268 hp (200 kW)
- **Net Max. Torque – SAE J1349 @ 1500 RPM:** 728 lbf·ft (988 N·m)
- **Cooling Operating Range:** 122° to -4°F (50° to -20°C)
- **Oil:** Requires low-ash oil CJ-4
**HYDRAULIC CYLINDERS**

<table>
<thead>
<tr>
<th>Cylinder</th>
<th>Bore</th>
<th>Rod Diameter</th>
<th>Stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boom cylinders</strong></td>
<td>Two (2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder bore</td>
<td>5.7 in (145 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder rod diameter</td>
<td>3.9 in (100 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder stroke</td>
<td>58.9 in (1495 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Arm cylinder</strong></td>
<td>One (1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder bore</td>
<td>6.7 in (170 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder rod diameter</td>
<td>4.7 in (120 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder stroke</td>
<td>68.8 in (1748 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bucket cylinder</strong></td>
<td>One (1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder bore</td>
<td>5.9 in (150 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder rod diameter</td>
<td>4.1 in (105 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder stroke</td>
<td>47.6 in (1210 mm)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SERVICE CAPACITIES**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>153.2 gal (580 L)</th>
<th>92.5 gal (350 L)</th>
<th>46.2 gal (175 L)</th>
<th>12.7 gal (48 L)</th>
<th>1.3 gal (5 L)</th>
<th>2.5 gal (9.5 L)</th>
<th>10.0 gal (38 L)</th>
<th>40.2 gal (152 L)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fuel tank</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hydraulic system</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hydraulic tank</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Engine oil w/ filter</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Swing drive</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Final drive</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cooling system</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DEF Tank</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OTHER SPECIFICATIONS**

- Swing speed: 9.7 RPM
- Swing torque: 82,607 lbf·ft (112 kN·m)
- Swing brake: Mechanical disc
- Undercarriage:
  - Length: 16 ft 4 in (4980 mm)
  - Track gauge: 8 ft 6 in (2600 mm)
  - Carrier rollers: 2
  - Track rollers: 8
- Shoes – triple grouser: 48
- Shoe width – std.: 2 ft 7 in (800 mm)
- Link pitch: 8.5 in (216 mm)
- Track:
  - Chain: Grease lubricated/strutted
  - Guides: Double
  - Adjustment: Hydraulic

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>10 ft 8 in (3.25 m) Arm</th>
<th>8 ft 8 in (2.63 m) Arm</th>
<th>13 ft 3 in (4.04 m) Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Overall height – with attachment</td>
<td>11 ft 5 in (3470 mm)</td>
<td>11 ft 11 in (3630 mm)</td>
<td>11 ft 11 in (3620 mm)</td>
</tr>
<tr>
<td>B. Cab height</td>
<td>10 ft 5 in (3180 mm)</td>
<td>10 ft 5 in (3180 mm)</td>
<td>10 ft 5 in (3180 mm)</td>
</tr>
<tr>
<td>Overall height to top of guardrail</td>
<td>11 ft 5 in (3470 mm)</td>
<td>11 ft 5 in (3470 mm)</td>
<td>11 ft 5 in (3470 mm)</td>
</tr>
<tr>
<td>C. Overall length – with attachment</td>
<td>36 ft 8 in (11170 mm)</td>
<td>36 ft 10 in (11220 mm)</td>
<td>36 ft 9 in (11190 mm)</td>
</tr>
<tr>
<td>D. Overall length – without attachment</td>
<td>19 ft 9 in (6010 mm)</td>
<td>19 ft 9 in (6010 mm)</td>
<td>19 ft 9 in (6010 mm)</td>
</tr>
<tr>
<td>E. Width of upper structure</td>
<td>9 ft 11 in (3030 mm)</td>
<td>9 ft 11 in (3030 mm)</td>
<td>9 ft 11 in (3030 mm)</td>
</tr>
<tr>
<td>Width of upper structure with catwalks</td>
<td>11 ft 9 in (3590 mm)</td>
<td>11 ft 9 in (3590 mm)</td>
<td>11 ft 9 in (3590 mm)</td>
</tr>
<tr>
<td>F. Track overall length</td>
<td>16 ft 4 in (4980 mm)</td>
<td>16 ft 4 in (4980 mm)</td>
<td>16 ft 4 in (4980 mm)</td>
</tr>
<tr>
<td>G. Track overall width with 31.5 in (800 mm) shoes</td>
<td>11 ft 2 in (3400 mm)</td>
<td>11 ft 2 in (3400 mm)</td>
<td>11 ft 2 in (3400 mm)</td>
</tr>
<tr>
<td>H. Track shoe width</td>
<td>2 ft 7 in (800 mm)</td>
<td>2 ft 7 in (800 mm)</td>
<td>2 ft 7 in (800 mm)</td>
</tr>
<tr>
<td>J. Center to center – idler to sprocket</td>
<td>13 ft 3 in (4040 mm)</td>
<td>13 ft 3 in (4040 mm)</td>
<td>13 ft 3 in (4040 mm)</td>
</tr>
<tr>
<td>K. Upper structure ground clearance</td>
<td>4 ft 0 in (1210 mm)</td>
<td>4 ft 0 in (1210 mm)</td>
<td>4 ft 0 in (1210 mm)</td>
</tr>
<tr>
<td>L. Minimum ground clearance</td>
<td>1 ft 7 in (470 mm)</td>
<td>1 ft 7 in (470 mm)</td>
<td>1 ft 7 in (470 mm)</td>
</tr>
<tr>
<td>M. Rear tail swing radius</td>
<td>11 ft 8 in (3550 mm)</td>
<td>11 ft 8 in (3550 mm)</td>
<td>11 ft 8 in (3550 mm)</td>
</tr>
<tr>
<td>Operating weight*</td>
<td>82,483 lb (37,414 kg)</td>
<td>82,373 lb (37,364 kg)</td>
<td>83,144 lb (37,714 kg)</td>
</tr>
<tr>
<td>Ground pressure</td>
<td>7.5 psi (0.52 bar)</td>
<td>7.5 psi (0.52 bar)</td>
<td>7.7 psi (0.53 bar)</td>
</tr>
</tbody>
</table>

**NOTE:** *With 21 ft 2 in (6.45 m) boom, 31.5 in (800 mm) track shoe, 2,601 lb (1,180 kg) bucket, 165 lb (75 kg) operator, full fuel and standard equipment.*

Line drawings are for illustrative purpose only and may not be exact representation of unit.
## PERFORMANCE SPECS

<table>
<thead>
<tr>
<th></th>
<th>10 ft 8 in (3.25 m) Arm</th>
<th>8 ft 8 in (2.63 m) Arm</th>
<th>13 ft 3 in (4.04 m) Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Maximum dig radius</td>
<td>36 ft 8 in (11 170 mm)</td>
<td>34 ft 11 in (10 650 mm)</td>
<td>39 ft 1 in (11 900 mm)</td>
</tr>
<tr>
<td>B. Dig radius at groundline</td>
<td>36 ft 0 in (10 980 mm)</td>
<td>34 ft 3 in (10 450 mm)</td>
<td>38 ft 5 in (11 710 mm)</td>
</tr>
<tr>
<td>C. Maximum dig depth</td>
<td>24 ft 1 in (7 340 mm)</td>
<td>22 ft 1 in (6 720 mm)</td>
<td>26 ft 8 in (8 140 mm)</td>
</tr>
<tr>
<td>D. Dig depth – 8 ft 0 in (2.44 m) level bottom</td>
<td>23 ft 7 in (7 190 mm)</td>
<td>21 ft 5 in (6 540 mm)</td>
<td>26 ft 3 in (8 010 mm)</td>
</tr>
<tr>
<td>E. Dump height</td>
<td>23 ft 9 in (7 240 mm)</td>
<td>23 ft 4 in (7 110 mm)</td>
<td>24 ft 8 in (7 530 mm)</td>
</tr>
<tr>
<td>F. Maximum reach height</td>
<td>34 ft 1 in (10 380 mm)</td>
<td>33 ft 9 in (10 280 mm)</td>
<td>34 ft 11 in (10 650 mm)</td>
</tr>
<tr>
<td>G. Bucket rotation</td>
<td>173°</td>
<td>173°</td>
<td>173°</td>
</tr>
<tr>
<td>H. Maximum vertical wall dig depth</td>
<td>20 ft 10 in (6 340 mm)</td>
<td>19 ft 7 in (5 980 mm)</td>
<td>23 ft 0 in (7 010 mm)</td>
</tr>
<tr>
<td>J. Minimum swing radius</td>
<td>14 ft 10 in (4 510 mm)</td>
<td>14 ft 7 in (4 440 mm)</td>
<td>14 ft 10 in (4 530 mm)</td>
</tr>
</tbody>
</table>

### Arm digging force:
- **Standard**: 36,981 lbf (165 kN)  
  40,196 lbf (179 kN)
- **Power Boost**: 43,770 lbf (195 kN)  
  47,592 lbf (212 kN)
  31,473 lbf (140 kN)  
  34,216 lbf (152 kN)

### Bucket digging force:
- **Standard**: 51,639 lbf (230 kN)  
  56,157 lbf (250 kN)
- **Power Boost**: 51,639 lbf (230 kN)  
  56,157 lbf (250 kN)
  51,639 lbf (230 kN)
  56,157 lbf (250 kN)

**NOTE:** *Machine equipped with 21 ft 2 in (6.45 m) boom.*
### LIFT CAPACITIES

**10 ft 8 in (3.25 m) Arm** Lift capacities calculated using a 2,579 lb (1 170 kg) bucket, 16,314 lb (7 400 kg) counterweight.

<table>
<thead>
<tr>
<th>Load (Lift Point) Height</th>
<th>5 ft (1.5 m)</th>
<th>10 ft (3 m)</th>
<th>15 ft (4.5 m)</th>
<th>20 ft (6 m)</th>
<th>25 ft (7.5 m)</th>
<th>30 ft (9 m)</th>
<th>35 ft (10.5 m)</th>
<th>MAXIMUM REACH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>+30 ft</strong> (9 m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26 ft 7 in (8.23 m)</td>
</tr>
<tr>
<td><strong>+25 ft</strong> (7.5 m)</td>
<td>14,350 lb* (6 750 kg)*</td>
<td>14,350 lb* (6 750 kg)*</td>
<td>9,950 lb* (5 330 kg)*</td>
<td>9,950 lb* (5 330 kg)*</td>
<td>9,950 lb* (5 330 kg)*</td>
<td>10,000 lb (5 000 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>+20 ft</strong> (6 m)</td>
<td>20,000 lb* (9 060 kg)*</td>
<td>17,700 lb* (7 440 kg)*</td>
<td>16,000 lb* (7 270 kg)*</td>
<td>11,650 lb (5 340 kg)*</td>
<td>12,000 lb (5 400 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>+15 ft</strong> (4.5 m)</td>
<td>21,000 lb* (9 550 kg)*</td>
<td>20,000 lb* (9 060 kg)*</td>
<td>18,500 lb (8 750 kg)</td>
<td>18,500 lb (8 750 kg)</td>
<td>18,500 lb (8 750 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>+10 ft</strong> (3 m)</td>
<td>23,250 lb* (10 460 kg)*</td>
<td>23,250 lb* (10 460 kg)*</td>
<td>15,600 lb (7 000 kg)</td>
<td>15,600 lb (7 000 kg)</td>
<td>15,600 lb (7 000 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>+5 ft</strong> (1.5 m)</td>
<td>45,450 lb* (17 480 kg)*</td>
<td>39,150 lb (17 950 kg)</td>
<td>31,550 lb (14 650 kg)</td>
<td>27,900 lb (12 980 kg)</td>
<td>20,450 lb (9 500 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Groundline</strong></td>
<td>23,350 lb (10 590 kg)</td>
<td>23,350 lb (10 590 kg)</td>
<td>20,900 lb (9 650 kg)</td>
<td>18,090 lb (8 180 kg)</td>
<td>15,900 lb (7 190 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>-5 ft</strong> (-1.5 m)</td>
<td>31,800 lb (14 500 kg)</td>
<td>31,800 lb (14 500 kg)</td>
<td>30,000 lb (13 600 kg)</td>
<td>29,200 lb (13 100 kg)</td>
<td>21,750 lb (9 800 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>-10 ft</strong> (-3.3 m)</td>
<td>43,100 lb (19 580 kg)</td>
<td>43,100 lb (19 580 kg)</td>
<td>40,200 lb (17 360 kg)</td>
<td>39,400 lb (17 860 kg)</td>
<td>28,800 lb (13 000 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>-15 ft</strong> (-4.5 m)</td>
<td>47,750 lb (21 630 kg)</td>
<td>47,750 lb (21 630 kg)</td>
<td>44,400 lb (19 560 kg)</td>
<td>43,900 lb (19 500 kg)</td>
<td>33,700 lb (15 220 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>-20 ft</strong> (-6.6 m)</td>
<td>33,900 lb (15 390 kg)</td>
<td>33,900 lb (15 390 kg)</td>
<td>24,650 lb (11 080 kg)</td>
<td>24,650 lb (11 080 kg)</td>
<td>16,900 lb (8 200 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 8 ft 8 in (2.63 m) Arm
Lift capacities calculated using a 2,734 lb (1 240 kg) bucket, 16,314 lb (7 400 kg) counterweight.

<table>
<thead>
<tr>
<th>Load (Lift Point) Height</th>
<th>5 ft (1.5 m)</th>
<th>10 ft (3 m)</th>
<th>15 ft (4.5 m)</th>
<th>20 ft (6 m)</th>
<th>25 ft (7.5 m)</th>
<th>30 ft (9 m)</th>
<th>MAXIMUM REACH</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>+30 ft</strong> (9 m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12,500 lb* (5 620 kg)*</td>
<td></td>
</tr>
<tr>
<td><strong>+25 ft</strong> (7.5 m)</td>
<td>16,250 lb* (7 400 kg)*</td>
<td>16,250 lb* (7 400 kg)*</td>
<td></td>
<td></td>
<td></td>
<td>11,550 lb (5 230 kg)*</td>
<td></td>
</tr>
<tr>
<td><strong>+20 ft</strong> (6 m)</td>
<td>17,450 lb* (7 970 kg)*</td>
<td>16,150 lb* (7 290 kg)*</td>
<td></td>
<td></td>
<td></td>
<td>10,600 lb (4 770 kg)*</td>
<td></td>
</tr>
<tr>
<td><strong>+15 ft</strong> (4.5 m)</td>
<td>27,700 lb* (12 770 kg)</td>
<td>27,700 lb* (12 770 kg)</td>
<td></td>
<td></td>
<td></td>
<td>9 450 lb (4 250 kg)*</td>
<td></td>
</tr>
<tr>
<td><strong>+10 ft</strong> (3 m)</td>
<td>33,400 lb* (15 460 kg)</td>
<td>32,800 lb* (15 280 kg)</td>
<td></td>
<td></td>
<td></td>
<td>8,550 lb (3 840 kg)*</td>
<td></td>
</tr>
<tr>
<td><strong>+5 ft</strong> (1.5 m)</td>
<td>38,800 lb* (17 850 kg)</td>
<td>38,500 lb* (17 850 kg)</td>
<td></td>
<td></td>
<td></td>
<td>7,500 lb (3 340 kg)*</td>
<td></td>
</tr>
<tr>
<td><strong>Groundline</strong></td>
<td>40,800 lb* (18 470 kg)</td>
<td>39,350 lb* (17 860 kg)</td>
<td></td>
<td></td>
<td></td>
<td>8,150 lb (3 670 kg)*</td>
<td></td>
</tr>
<tr>
<td><strong>-5 ft</strong> (-1.5 m)</td>
<td>21,500 lb* (9 280 kg)*</td>
<td>21,300 lb* (9 280 kg)*</td>
<td></td>
<td></td>
<td></td>
<td>8,450 lb (3 780 kg)*</td>
<td></td>
</tr>
<tr>
<td><strong>-10 ft</strong> (-3.3 m)</td>
<td>35,450 lb* (15 960 kg)*</td>
<td>35,450 lb* (15 960 kg)*</td>
<td></td>
<td></td>
<td></td>
<td>11,700 lb (5 300 kg)*</td>
<td></td>
</tr>
<tr>
<td><strong>-15 ft</strong> (-4.5 m)</td>
<td>44,100 lb* (19 220 kg)*</td>
<td>44,100 lb* (19 220 kg)*</td>
<td></td>
<td></td>
<td></td>
<td>15,200 lb (6 900 kg)*</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Lift capacities do not exceed 75% of the minimum tipping load or 87% of the hydraulic lift capacity. Capacities that are marked with an asterisk are hydraulic limited.

---

**CX350D**

4 of 7
<table>
<thead>
<tr>
<th>Load (Lift Point) Height</th>
<th>9 ft (1.5 m)</th>
<th>10 ft (1.7 m)</th>
<th>15 ft (2.5 m)</th>
<th>20 ft (3.0 m)</th>
<th>25 ft (4.5 m)</th>
<th>30 ft (6.8 m)</th>
<th>35 ft (6.1 m)</th>
<th>MAXIMUM REACH</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 ft (6 m)</td>
<td>(3,620 kg)*</td>
<td>(3,620 kg)*</td>
<td>(3,200 kg)*</td>
<td>(3,200 kg)*</td>
<td>11,250 lb*</td>
<td>11,250 lb*</td>
<td>12,300 lb*</td>
<td>11,350 lb*</td>
</tr>
<tr>
<td>25 ft (7.5 m)</td>
<td>(2,315 kg)*</td>
<td>14,400 lb*</td>
<td>(6,670 kg)*</td>
<td>(5,400 kg)*</td>
<td>18,450 lb*</td>
<td>18,450 lb*</td>
<td>21,900 lb*</td>
<td>16,500 lb*</td>
</tr>
<tr>
<td>20 ft (8 m)</td>
<td>(1,910 kg)*</td>
<td>(1,910 kg)*</td>
<td>(1,400 kg)*</td>
<td>(1,400 kg)*</td>
<td>13,950 lb*</td>
<td>13,950 lb*</td>
<td>16,850 lb*</td>
<td>13,550 lb*</td>
</tr>
<tr>
<td>15 ft (4.5 m)</td>
<td>(1,310 kg)*</td>
<td>(1,310 kg)*</td>
<td>(900 kg)*</td>
<td>(900 kg)*</td>
<td>12,800 lb*</td>
<td>12,800 lb*</td>
<td>15,600 lb*</td>
<td>12,050 lb*</td>
</tr>
<tr>
<td>10 ft (3 m)</td>
<td>(900 kg)*</td>
<td>(900 kg)*</td>
<td>(600 kg)*</td>
<td>(600 kg)*</td>
<td>10,150 lb*</td>
<td>10,150 lb*</td>
<td>12,300 lb*</td>
<td>9,600 lb*</td>
</tr>
<tr>
<td>5 ft (1.5 m)</td>
<td>(500 kg)*</td>
<td>(500 kg)*</td>
<td>(300 kg)*</td>
<td>(300 kg)*</td>
<td>7,900 lb*</td>
<td>7,900 lb*</td>
<td>10,150 lb*</td>
<td>7,100 lb*</td>
</tr>
</tbody>
</table>

*Lift capacities do not exceed 75% of the minimum tipping load or 87% of the hydraulic lift capacity. Capacities that are marked with an asterisk are hydraulic limited.
STANDARD EQUIPMENT

ENGINE

Isuzu AQ-6HK1X
Tier 4 Final Certified
Selective Catalytic Reduction – SCR
Diesel Oxidation Catalyst – DOC
Cooled Exhaust Gas Recirculation – CEGR
EGR Coolers
Six-cylinder turbo-charged diesel
VGT turbocharger
Electronic fuel injection
High pressure common rail system
Neutral safety start
Auto-engine warm up
 Glow-plug preheat
Fuel Economy Assist System – FEA
Engine Protection Feature – EPF
Dual-stage fuel filtration
Dual element air filter
Remote oil filter
Drain for fuel tank
Remote engine oil drain
500-hour engine oil change interval
24 Volt system
Engine oil sample port
Battery disconnect switch
Air pre-cleaner – Cyclone
High ambient temperature cooling package
Emergency engine stop
External Fuel and DEF gauges
Fan housing
Fuel cooler
Fuel filter restriction indicator
Fuel shut-off valve
Idle start
Radiator, oil cooler, intercooler – protective screen

FUEL ECONOMY SYSTEMS

Engine Idle/Fuel Economy System:
Auto-idle
One-touch idle
Auto-idle shut-down
BEC – Boom Economy Control
AEC – Auto Economy Control
SWC – Swing Relief Control
SSC – Spool Stroke Control

ATTACHMENTS

Boom – 21 ft 2 in (6.45 m)
Arm – 10 ft 8 in (3.25 m)
Heavy-duty bucket linkage
Boom mounted work light – 70 watt
Swivel guard belly pan
Center cover – over main CV
Fuel tank belly pan
Handrail – RH access
ISO guard rails
Lifting eyes for counterweight
Lockable fuel cap, service doors and toolbox

HYDRAULICS

Auto power boost
Auto swing priority
Arm speed assistance – 2 pump flow
Auxiliary flow control
Auxiliary valve
Boom speed assistance – 2 pump flow
Bucket curl assist
Control levers pre-wired for auxiliary hydraulics
Electronically controlled hydraulic pumps
Holding valve – Boom and Arm
Fire wall
Hydraulic filter restriction indicator
Neutral pump de-stroke
Oil cooler

OPERATOR ENVIRONMENT

ROPS protection
FOPS cab top guard – Level 1
Pressurized cab
Face vent
Cab lights – 2
Interior dome light
One-touch lock front window
One piece window – right
Safety glass windows
Gate lock hydraulic activation
Emergency exit and hammer
Clear polycarbonate roof window with sunshade
AC/heat/defrost with auto climate control
LED Color monitor – 7 in (180 mm)
26 selectable languages for monitor
On-board diagnostic system
10 programmable attachments settings on monitor – 5 single flow, 5 dual flow
Seat belt – 3 in (76 mm)
Heated high-back cloth seat with air suspension and 65° tilt adjustment
Sliding seat – 3.54 in (90 mm)

TELEMATICS

CASE SiteWatch™ Telematics – includes hardware and a 3-yr Advanced data subscription

UNDERCARRIAGE

Long undercarriage
31.5 in (800 mm) steel shoes, triple semi-grouser
Full overlap turntable bearing tub
Double track chain guides
Hydraulic track adjustment
Sealed link chain
Steps
Carbory belly pan – swivel guard
X-pattern carbody
Lashing points – tie downs
Extra Filter Kit:
Engine oil filter
Filter wrench
Fuel filters
Grease gun
Green plug oil drain hose for engine oil drain
Hydraulic return filter
Pilot circuit hydraulic filter

CX350D
OPTIONAL EQUIPMENT

ENGINE

Refueling pump

HYDRAULICS

Auxiliary hydraulics:
- Single acting/joystick activated
- Double acting/joystick activated – thumb
- Multi-function/joystick activated
- Multi-function with electronic pressure control/joystick activated with electronic proportional controls
- Secondary low-flow/joystick activated
- Proportional hydraulic controls

Hose Burst Check Valve – HBCV

ATTACHMENTS

Heavy-duty boom – 21 ft 2 in (6.45 m)
Short arm – 8 ft 8 in (2.63 m)
Heavy-duty arm – 10 ft 8 in (3.25 m)
Long arm – 13 ft 3 in (4.04 m)
Quick coupler/Case multi-pin grabber
Tools:
- Heavy-duty/Extreme-duty/Ditching Buckets; Hammers; Thumbs;
- Compaction plates.
- Load holding control

UPPER STRUCTURE

Rubber bumper guard – order through Service Parts
Catwalk – left and right side

UNDERCARRIAGE

27.6 in (700 mm) steel shoes,
- triple semi-grouser
33.5 in (850 mm) steel shoes,
- triple semi-grouser

OPERATOR ENVIRONMENT

FOPS cab top guard – Level 2
Front grill guard – 2 x 2 in (50.8 x 50.8 mm) screen mesh
Front rock guard – vertical bars
- Two piece/OPG 1
- Front rock guard – vertical bars
- One piece/OPG 2
Vandal guard (front window) with common key
Rain deflector – not available with Front guards
Sun visor
Side-view camera
LED Package:
- Includes 1 Side view camera and 6 LED Lights – 2 front cab mounted, 2 rear mounted and 1 mounted on each side

©2020 CNH Industrial America LLC. All rights reserved. CASE is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. CNH Industrial Capital is a trademark in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. Printed in U.S.A. Contains 10% post-consumer fiber.

CaseCE.com

IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.

CASE Construction Equipment is biodiesel-friendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

Always read the Operator’s Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.