ENGINE

Model: Isuzu AQ-6HK1X
Emissions Certification: Tier 4 Final
Fuel: Requires ultra low-sulfur fuel
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
Oil filter: Replaceable, full flow spin-on cartridge

Engine gradeability:
- Side-to-side: 35°
- Fore and aft: 35°

Net horsepower – SAE J1349 @ 1800 RPM: 207 hp (154 kW)
Net max. torque – SAE J1349 @ 1500 RPM: 626 lbf·ft (849 N·m)
Cooling operating range: 112° to -4°F (50° to -20°C)
Oil: Requires low-ash oil CJ-4

DRIVETRAIN

Travel 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 (5.4 km/h)
- Max. low speed: 2.0 mph (3.2 km/h)
Automatic downshift

Drawbar pull: 52,380 lbf (233 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: 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 – ISO6396: 70 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

ATTACHMENT

Boom: 20 ft 2 in (6.15 m)
Arm options:
- Standard: 10 ft 5 in (3.18 m)
- Short: 8 ft 8 in (2.65 m)
- Long: 12 ft 0 in (3.66 m)

Bucket digging force*:
- 39,314 lbf (175 kN)
- 42,781 lbf (190 kN)

NOTE: *Digging force ratings based on ISO6015.

OPERATING WEIGHT

Operating weight: 67,271 lb (30 514 kg)
- w/ shoes 2 ft 7 in (800 mm)
- w/ boom 20 ft 2 in (6.15 m)
- w/ arm 10 ft 5 in (3.18 m)
- w/ bucket 1,940 lb (880 kg)
- w/ counterweight 11,244 lb (5 100 kg)

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

GROUND PRESSURE

@ Standard operating weight: 6.4 psi (0.44 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: 64.2 gpm (243 L/min)

System pressures:
- Boom, arm and bucket: 4,975 psi (343 bar)
- w/ 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: 7.1 gpm (27 L/min)

Controls:
- w/ boom/arm holding valve
- Right track travel: 1 x Four-spool section
- Left track travel: 1 x Five-spool section

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
### HYDRAULIC CYLINDERS

<table>
<thead>
<tr>
<th>Cylinder Type</th>
<th>Number</th>
<th>Bore</th>
<th>Rod Diameter</th>
<th>Stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom cylinders</td>
<td>2 (2)</td>
<td>5.5 in (140 mm)</td>
<td>3.7 in (95 mm)</td>
<td>53.9 in (1 369 mm)</td>
</tr>
<tr>
<td>Arm cylinder</td>
<td>1 (1)</td>
<td>5.9 in (150 mm)</td>
<td>4.1 in (105 mm)</td>
<td>65.0 in (1 650 mm)</td>
</tr>
<tr>
<td>Bucket cylinder</td>
<td>1 (1)</td>
<td>5.3 in (135 mm)</td>
<td>3.5 in (90 mm)</td>
<td>42.4 in (1 078 mm)</td>
</tr>
</tbody>
</table>

### SERVICE CAPACITIES

<table>
<thead>
<tr>
<th>Component</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank</td>
<td>120.7 gal (457 L)</td>
</tr>
<tr>
<td>Hydraulic system</td>
<td>79.3 gal (300 L)</td>
</tr>
<tr>
<td>Hydraulic tank</td>
<td>38.8 gal (147 L)</td>
</tr>
<tr>
<td>Engine oil w/ filter</td>
<td>10.8 gal (40.9 L)</td>
</tr>
<tr>
<td>Swing drive</td>
<td>1.3 gal (5.0 L)</td>
</tr>
<tr>
<td>Final drive</td>
<td>2.5 gal (9.5 L)</td>
</tr>
<tr>
<td>Cooling system</td>
<td>9.5 gal (35.9 L)</td>
</tr>
<tr>
<td>DEF tank</td>
<td>31.7 gal (120 L)</td>
</tr>
</tbody>
</table>

### OTHER SPECIFICATIONS

<table>
<thead>
<tr>
<th>Component</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swing speed</td>
<td>10 RPM</td>
</tr>
<tr>
<td>Swing torque</td>
<td>68,151 lbf-ft (92.4 kN·m)</td>
</tr>
<tr>
<td>Swing brake</td>
<td>Mechanical disc</td>
</tr>
<tr>
<td>Undercarriage:</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>15 ft 11 in (4 850 mm)</td>
</tr>
<tr>
<td>Track gauge</td>
<td>8 ft 6 in (2 600 mm)</td>
</tr>
<tr>
<td>Carrier rollers</td>
<td>2</td>
</tr>
<tr>
<td>Track rollers</td>
<td>9</td>
</tr>
<tr>
<td>Shoes – triple grouser</td>
<td>50</td>
</tr>
<tr>
<td>Shoe width – std.</td>
<td>2 ft 7 in (800 mm)</td>
</tr>
<tr>
<td>Link pitch</td>
<td>8 in (203 mm)</td>
</tr>
<tr>
<td>Track:</td>
<td></td>
</tr>
<tr>
<td>Chain</td>
<td>Grease lubricated/strutted</td>
</tr>
<tr>
<td>Guides</td>
<td>Single</td>
</tr>
<tr>
<td>Adjustment</td>
<td>Hydraulic</td>
</tr>
</tbody>
</table>

### DIMENSIONS

<table>
<thead>
<tr>
<th>Component</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Overall height – with attachment</td>
<td>11 ft 0 in (3 350 mm)</td>
</tr>
<tr>
<td>B. Cab height</td>
<td>10 ft 3 in (3 130 mm)</td>
</tr>
<tr>
<td>Overall height to top of guardrail</td>
<td>11 ft 3 in (3 420 mm)</td>
</tr>
<tr>
<td>C. Overall length – with attachment</td>
<td>34 ft 6 in (10 510 mm)</td>
</tr>
<tr>
<td>D. Overall length – without attachment</td>
<td>18 ft 4 in (5 580 mm)</td>
</tr>
<tr>
<td>E. Width of upper structure</td>
<td>9 ft 6 in (2 890 mm)</td>
</tr>
<tr>
<td>F. Track overall length</td>
<td>15 ft 11 in (4 850 mm)</td>
</tr>
<tr>
<td>G. Track overall width with 31.5 in (800 mm) shoes</td>
<td>11 ft 2 in (3 400 mm)</td>
</tr>
<tr>
<td>H. Track shoe width</td>
<td>2 ft 7 in (800 mm)</td>
</tr>
<tr>
<td>J. Center to center – idler to sprocket</td>
<td>13 ft 1 in (3 980 mm)</td>
</tr>
<tr>
<td>K. Upper structure ground clearance</td>
<td>3 ft 11 in (1 190 mm)</td>
</tr>
<tr>
<td>L. Minimum ground clearance</td>
<td>1 ft 6 in (460 mm)</td>
</tr>
<tr>
<td>M. Rear tail swing radius</td>
<td>10 ft 4 in (3 160 mm)</td>
</tr>
<tr>
<td>Operating weight*</td>
<td>67,271 lb (30 514 kg)</td>
</tr>
<tr>
<td>Ground pressure</td>
<td>6.4 psi (0.44 bar)</td>
</tr>
</tbody>
</table>

**NOTE:** *Machine equipped with 20 ft 2 in (6.15 m) boom, 31.5 in (800 mm) track shoe, 1,940 lb (880 kg) bucket, 165 lb (75 kg) operator, full fuel and standard equipment.*
## PERFORMANCE SPECS

<table>
<thead>
<tr>
<th></th>
<th>10 ft 5 in (3.18 m) Arm</th>
<th>8 ft 8 in (2.65 m) Arm</th>
<th>12 ft 0 in (3.66 m) Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Maximum dig radius</td>
<td>35 ft 0 in (10 670 mm)</td>
<td>33 ft 6 in (10 220 mm)</td>
<td>36 ft 7 in (11 160 mm)</td>
</tr>
<tr>
<td>B. Dig radius at groundline</td>
<td>34 ft 5 in (10 490 mm)</td>
<td>32 ft 11 in (10 030 mm)</td>
<td>36 ft 0 in (10 980 mm)</td>
</tr>
<tr>
<td>C. Maximum dig depth</td>
<td>23 ft 4 in (7 100 mm)</td>
<td>21 ft 7 in (6 570 mm)</td>
<td>24 ft 10 in (7 580 mm)</td>
</tr>
<tr>
<td>D. Dig depth – 8 ft 0 in (2.44 m) level bottom</td>
<td>22 ft 9 in (6 940 mm)</td>
<td>21 ft 0 in (6 390 mm)</td>
<td>24 ft 5 in (7 440 mm)</td>
</tr>
<tr>
<td>E. Dump height</td>
<td>23 ft 3 in (7 080 mm)</td>
<td>22 ft 9 in (6 930 mm)</td>
<td>24 ft 3 in (7 390 mm)</td>
</tr>
<tr>
<td>F. Maximum reach height</td>
<td>33 ft 0 in (10 050 mm)</td>
<td>32 ft 7 in (9 930 mm)</td>
<td>34 ft 1 in (10 390 mm)</td>
</tr>
<tr>
<td>G. Bucket rotation</td>
<td>176°</td>
<td>176°</td>
<td>176°</td>
</tr>
<tr>
<td>H. Maximum vertical wall dig depth</td>
<td>20 ft 0 in (6 100 mm)</td>
<td>18 ft 10 in (5 750 mm)</td>
<td>22 ft 0 in (6 710 mm)</td>
</tr>
<tr>
<td>J. Minimum swing radius</td>
<td>13 ft 3 in (4 030 mm)</td>
<td>13 ft 7 in (3 980 mm)</td>
<td>13 ft 5 in (4 080 mm)</td>
</tr>
</tbody>
</table>

### Arm digging force:
- **Standard**: 28,866 lbf (128 kN), 33,047 lbf (147 kN), 25,696 lbf (114 kN)
- **Power Boost**: 31,383 lbf (140 kN), 35,947 lbf (160 kN), 27,944 lbf (124 kN)

### Bucket digging force:
- **Standard**: 39,342 lbf (175 kN), 39,342 lbf (175 kN), 39,342 lbf (175 kN)
- **Power Boost**: 42,781 lbf (190 kN), 42,781 lbf (190 kN), 42,781 lbf (190 kN)
### Lift Capacities

#### 10 ft 5 in (3.18 m)
Lift capacities using a 1,786 lb (810 kg) bucket, 11,244 lb (5 100 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>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
</tr>
<tr>
<td>e-30 ft (9 m)</td>
<td>39,400 lb* (18 420 kg)*</td>
<td>39,400 lb* (18 420 kg)*</td>
<td>27,000 lb* (12 880 kg)</td>
<td>26,400 lb (12 250 kg)</td>
<td>21,000 lb (9 710 kg)</td>
<td>16,900 lb (7 850 kg)</td>
<td>17,500 lb (7 240 kg)*</td>
</tr>
<tr>
<td>e-25 ft (7.5 m)</td>
<td>25,950 lb (11 510 kg)</td>
<td>25,950 lb (11 510 kg)</td>
<td>19,900 lb (9 790 kg)</td>
<td>23,300 lb (10 830 kg)</td>
<td>24,150 lb (11 230 kg)</td>
<td>17,450 lb (7 400 kg)*</td>
<td>16,650 lb (7 400 kg)*</td>
</tr>
<tr>
<td>e-20 ft (6 m)</td>
<td>14,950 lb (6 950 kg)*</td>
<td>14,950 lb (6 950 kg)*</td>
<td>12,500 lb (5 630 kg)</td>
<td>14,500 lb (6 530 kg)</td>
<td>13,450 lb (6 010 kg)</td>
<td>10,450 lb (4 800 kg)</td>
<td>10,450 lb (4 800 kg)*</td>
</tr>
<tr>
<td>e-15 ft (4.5 m)</td>
<td>7,500 lb (3 400 kg)*</td>
<td>7,500 lb (3 400 kg)*</td>
<td>6,150 lb (2 750 kg)</td>
<td>6,150 lb (2 750 kg)</td>
<td>5,950 lb (2 600 kg)</td>
<td>4,500 lb (2 000 kg)</td>
<td>4,500 lb (2 000 kg)*</td>
</tr>
<tr>
<td>e-10 ft (3 m)</td>
<td>3,850 lb (1 750 kg)</td>
<td>3,850 lb (1 750 kg)</td>
<td>2,850 lb (1 290 kg)</td>
<td>2,850 lb (1 290 kg)</td>
<td>2,650 lb (1 200 kg)</td>
<td>2,150 lb (9 800 kg)</td>
<td>2,150 lb (9 800 kg)*</td>
</tr>
<tr>
<td>e-5 ft (1.5 m)</td>
<td>1,970 lb (9 060 kg)*</td>
<td>1,970 lb (9 060 kg)*</td>
<td>1,900 lb (9 020 kg)</td>
<td>1,900 lb (9 020 kg)</td>
<td>1,850 lb (8 400 kg)</td>
<td>1,650 lb (7 400 kg)</td>
<td>1,650 lb (7 400 kg)*</td>
</tr>
</tbody>
</table>

#### Groundline

-5 ft (1.5 m) 25,000 lb (11 200 kg) 27,650 lb (12 000 kg) 30,900 lb (13 930 kg) 39,350 lb (18 690 kg) 47,700 lb (21 610 kg) 56,050 lb (25 390 kg) 64,400 lb (29 230 kg)

### 8 ft 8 in (2.65 m)
Lift capacities using a 1,918 lb (870 kg) bucket, 11,244 lb (5 100 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>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
<td>END SIDE</td>
</tr>
<tr>
<td>e-25 ft (7.5 m)</td>
<td>16,900 lb (7 610 kg)</td>
<td>16,900 lb (7 610 kg)</td>
<td>12,800 lb (5 800 kg)</td>
<td>12,600 lb (5 720 kg)</td>
<td>12,500 lb (5 630 kg)</td>
<td>12,500 lb (5 630 kg)</td>
<td></td>
</tr>
<tr>
<td>e-20 ft (6 m)</td>
<td>21,100 lb (9 540 kg)</td>
<td>21,100 lb (9 540 kg)</td>
<td>19,150 lb (8 690 kg)</td>
<td>19,150 lb (8 690 kg)</td>
<td>18,500 lb (8 320 kg)</td>
<td>18,500 lb (8 320 kg)</td>
<td></td>
</tr>
<tr>
<td>e-15 ft (4.5 m)</td>
<td>26,100 lb (12 000 kg)</td>
<td>26,100 lb (12 000 kg)</td>
<td>22,200 lb (10 040 kg)</td>
<td>22,200 lb (10 040 kg)</td>
<td>21,650 lb (9 740 kg)</td>
<td>21,650 lb (9 740 kg)</td>
<td></td>
</tr>
<tr>
<td>e-10 ft (3 m)</td>
<td>32,200 lb (14 580 kg)</td>
<td>32,200 lb (14 580 kg)</td>
<td>29,900 lb (13 980 kg)</td>
<td>29,900 lb (13 980 kg)</td>
<td>28,600 lb (12 960 kg)</td>
<td>28,600 lb (12 960 kg)</td>
<td></td>
</tr>
<tr>
<td>e-5 ft (1.5 m)</td>
<td>33,900 lb (15 400 kg)</td>
<td>33,900 lb (15 400 kg)</td>
<td>24,200 lb (10 960 kg)</td>
<td>24,200 lb (10 960 kg)</td>
<td>22,750 lb (10 300 kg)</td>
<td>22,750 lb (10 300 kg)</td>
<td></td>
</tr>
</tbody>
</table>

#### Groundline

-5 ft (1.5 m) 20,600 lb (9 300 kg) | 20,600 lb (9 300 kg) | 26,500 lb (11 950 kg) | 26,500 lb (11 950 kg) | 35,500 lb (16 050 kg) | 35,500 lb (16 050 kg) | 59,950 lb (27 150 kg) |
| e-10 ft (3 m) | 37,650 lb (16 800 kg) | 37,650 lb (16 800 kg) | 33,100 lb (15 000 kg) | 33,100 lb (15 000 kg) | 32,300 lb (14 600 kg) | 32,300 lb (14 600 kg) |
| e-15 ft (4.5 m) | 37,900 lb (17 200 kg) | 37,900 lb (17 200 kg) | 27,650 lb (12 500 kg) | 27,650 lb (12 500 kg) | 23,800 lb (10 800 kg) | 23,800 lb (10 800 kg) |

**NOTE:** Following number indicates hydraulic capacity.
LIFT CAPACITIES

12 ft 0 in (3.66 m) Lift capacities using a 1,742 lb (790 kg) bucket, 11,244 lb (5 100 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>+30 ft (9 m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26 ft 1 in (8.0 m)</td>
</tr>
<tr>
<td>+25 ft (7.5 m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26 ft 1 in (8.0 m)</td>
</tr>
<tr>
<td>+20 ft (6 m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26 ft 1 in (8.0 m)</td>
</tr>
<tr>
<td>+15 ft (4.5 m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26 ft 1 in (8.0 m)</td>
</tr>
<tr>
<td>+10 ft (3 m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26 ft 1 in (8.0 m)</td>
</tr>
<tr>
<td>+5 ft (1.5 m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26 ft 1 in (8.0 m)</td>
</tr>
<tr>
<td>Groundline</td>
<td>8,900 lb* (3,990 kg)*</td>
<td>8,900 lb* (3,990 kg)*</td>
<td>20,300 lb* (9,210 kg)*</td>
<td>20,300 lb* (9,210 kg)*</td>
<td>35,050 lb* (16,290 kg)*</td>
<td>35,050 lb* (16,290 kg)*</td>
<td>42,450 lb* (19,280 kg)*</td>
<td>42,450 lb* (19,280 kg)*</td>
</tr>
<tr>
<td>-5 ft (-1.5 m)</td>
<td>17,200 lb* (7,710 kg)*</td>
<td>17,200 lb* (7,710 kg)*</td>
<td>24,550 lb* (11,140 kg)*</td>
<td>24,550 lb* (11,140 kg)*</td>
<td>35,050 lb* (16,290 kg)*</td>
<td>35,050 lb* (16,290 kg)*</td>
<td>42,450 lb* (19,280 kg)*</td>
<td>42,450 lb* (19,280 kg)*</td>
</tr>
<tr>
<td>-10 ft (-3 m)</td>
<td>22,350 lb* (10,600 kg)*</td>
<td>22,350 lb* (10,600 kg)*</td>
<td>31,650 lb* (14,300 kg)*</td>
<td>31,650 lb* (14,300 kg)*</td>
<td>42,450 lb* (19,280 kg)*</td>
<td>42,450 lb* (19,280 kg)*</td>
<td>49,150 lb* (22,310 kg)*</td>
<td>49,150 lb* (22,310 kg)*</td>
</tr>
<tr>
<td>-15 ft (-4.5 m)</td>
<td>29,800 lb* (13,950 kg)*</td>
<td>29,800 lb* (13,950 kg)*</td>
<td>42,650 lb* (19,320 kg)*</td>
<td>42,650 lb* (19,320 kg)*</td>
<td>53,050 lb* (24,050 kg)*</td>
<td>53,050 lb* (24,050 kg)*</td>
<td>59,650 lb* (27,450 kg)*</td>
<td>59,650 lb* (27,450 kg)*</td>
</tr>
<tr>
<td>-20 ft (-6 m)</td>
<td>34,350 lb* (16,000 kg)*</td>
<td>34,350 lb* (16,000 kg)*</td>
<td>42,650 lb* (19,320 kg)*</td>
<td>42,650 lb* (19,320 kg)*</td>
<td>53,050 lb* (24,050 kg)*</td>
<td>53,050 lb* (24,050 kg)*</td>
<td>59,650 lb* (27,450 kg)*</td>
<td>59,650 lb* (27,450 kg)*</td>
</tr>
</tbody>
</table>

NOTE: *Following number indicates hydraulic capacity.
### 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 pre-heat
- 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
- 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

#### 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

### POWER SYSTEMS
- Power save
- Pump stand-by pressure
- Auto travel speed change
- Selectable work modes
- Free swing
- Hydraulic oil sample port
- Control pattern selector
- Pre-set auxiliary pump settings
- Auxiliary valve
- 5,000-hour hydraulic oil change interval
- 1,000-hour hydraulic filter change interval
- SAHR brake

### UPPER STRUCTURE
- ISO mirrors – 3
- Cab ISO-Mounts – fluid and spring
- Upper 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

### ATTACHMENTS
- Boom – 20 ft 2 in (6.15 m)
- Arm – 10 ft 5 in (3.18 m)
- Heavy-duty bucket linkage
- Boom mounted work light – 70 watt
- Auxiliary pipe brackets
- Centralized grease fittings
- Attachment cushion valve
- Arm and boom regeneration
- Bucket anti-clatter device
- Chrome pins
- Easy Maintenance System (EMS) bushings
- Teardrop pin retention keepers

### 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)

### UNDERCARRIAGE
- Long undercarriage
- 31.5 in (800 mm) steel shoes, triple semi-grouser
- Full overlap turntable bearing tub
- Single track chain guides
- Hydraulic track adjustment
- Sealed link chain
- Steps
- Cab filter – swivel guard
- X-pattern cab
- 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

### TELEMATICS
- CASE SiteWatch™ Telematics – includes hardware and a 3-yr Advanced data subscription
OPTIONAL EQUIPMENT

ENGINE
- Refueling pump
- Air pre-cleaner – Cyclone

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 arm – 8 ft 8 in (2.65 m)
- Long arm – 12 ft 0 in (3.66 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

UNDERCARRIAGE
- 23.6 in (600 mm) steel shoes, triple semi-grouser
- 27.6 in (700 mm) steel shoes, triple semi-grouser
- Track guides – triple

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
  - 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