CX210D NRRW
EXCAVATOR
NARROW LONG UNDERCARRIAGE
TIER 4 FINAL CERTIFIED

**ENGINE**
- Model: Isuzu AR-4HK1X
- Emissions Certification: Tier 4 Final
- Fuel: Requires ultra-low sulfur fuel BS biodiesel tolerant
- Type: Water-cooled, 4-cycle diesel, high pressure common rail system – electric control.
- Cylinders: 4-cylinder in-line
- Displacement: 317 in³ (5.2 L)
- Bore/Stroke: 4.53 x 4.92 in (115 x 125 mm)
- Fuel injection: Direct injection – electronic
- Air filter: Dry type element with 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: 160 hp (119.3 kW)
- Net max. torque – SAE J1349 @ 1600 RPM: 457 lbf·ft (620 N·m)
- Cooling operating range: 113° to -4°F (45° 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: 3.5 mph (5.6 km/h)
  - Max. low speed: 2.1 mph (3.4 km/h)
- Drawbar pull: 42,300 lbf (188 kN)
- Gradeability: 70% – 35° Slope

**ELECTRICAL**
- Voltage: 24 Volts
- Alternator rating: 50 amp
- Batteries: 2 x 12 Volt
- Battery reserve capacity: 92 Ah/5 hour
- Work lights – 4:
  - 1 boom, 1 upper, 2 cab
  - 24 Volt/70 watt

**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
- Side view camera: Standard
- Seat: High-back heated air suspension

**ATTACHMENT**
- Boom: 18 ft 8 in (5 690 mm)
- Arm options:
  - 9 ft 6 in (2.90 m)
  - 7 ft 10 in (2.40 m)
- Bucket digging force:
  - With auto power up: 34,600 lbf (154 kN)
  - Without auto power up: 31,800 lbf (142 kN)

**OPERATING WEIGHT**
- Operating weight:
  - With shoes: 2 ft 0 in (600 mm)
  - With boom: 18 ft 8 in (5 700 mm)
  - With arm: 9 ft 8 in (2.94 m)
  - With bucket: 1,435 lb (651 kg)
  - With counterweight: 9,150 lb (4 150 kg)
  - NOTE: With operator/full fuel/standard equipment.

**GROUND PRESSURE**
- Standard operating weight:
  - @ 23.6 in (600 mm) triple grouser shoes
  - 6.5 psi (0.45 bar)

**HYDRAULICS**
- System design: Open center
- Main pumps:
  - Two-variable displacement/axial piston pumps with regulating system
- Max. rated flow:
  - x 2: 55.7 gpm (211 L/min)
- System pressures:
  - Boom, arm and bucket: 4,970 psi (343 bar)
  - w/ Power Boost: 5,410 psi (373 bar)
  - Travel circuits: 4,970 psi (343 bar)
  - Swing circuits: 4,260 psi (294 bar)
- Pilot pump: 1 x gear design
- Max. capacity: 4.8 gpm (18 L/min)
- Controls:
  - w/ boom/arm holding valve
  - Right track travel, bucket, boom and arm acceleration:
    - 1 x Four-spool section

**SERVICE CAPACITIES**
- Fuel tank: 85 gal (320 L)
- Hydraulic system: 58 gal (220 L)
- Hydraulic Sump tank: 31 gal (117 L)
- Engine oil w/ filter: 6.1 gal (23.1 L)
- Swing drive: 1.3 gal (5 L)
- Final drive (per side): 1.3 gal (5 L)
- Cooling system: 8.3 gal (31.4 L)
- DEF Tank: 22 gal (85 L)

**OTHER SPECIFICATIONS**
- Swing speed: 11.5 RPM
- Swing torque: 47,200 lbf-ft (64 000 kN·m)
- Swing brake: Mechanical disc
- Undercarriage:
  - Length: 14 ft 8 in (4 460 mm)
  - Track gauge: 6 ft 6 in (1 990 mm)
  - Carrier rollers – each side: 2
  - Track rollers – each side: 8
- Shoes – triple grouser – each side: 49
- Shoe width – std.: 2 ft 0 in (600 mm)
- Link pitch: 7.5 in (190 mm)
- Track:
  - Chain: Grease lubricated/strutted
  - Guides: Single
  - Adjustment: Hydraulic

**Left track travel, auxiliary, swing, boom acceleration and arm.**
- 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: Variable displacement axial piston motor

**NOTE:** *Digging force ratings based on ISO6015.*
Line drawings are for illustrative purpose only and may not be exact representation of unit.

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>9 ft 8 in (2.94 m) Arm</th>
<th>7 ft 10 in (2.40 m) Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Overall height to top of boom</td>
<td>9 ft 11 in (3,010 mm)</td>
<td>10 ft 6 in (3,190 mm)</td>
</tr>
<tr>
<td>B. Cab height</td>
<td>9 ft 11 in (3,020 mm)</td>
<td>9 ft 11 in (3,020 mm)</td>
</tr>
<tr>
<td>C. Overall height to top of guardrail</td>
<td>10 ft 10 in (3,310 mm)</td>
<td>10 ft 10 in (3,310 mm)</td>
</tr>
<tr>
<td>D. Overall length – with attachment</td>
<td>31 ft 2 in (9,490 mm)</td>
<td>31 ft 5 in (9,570 mm)</td>
</tr>
<tr>
<td>E. Overall length – without attachment</td>
<td>16 ft 7 in (5,060 mm)</td>
<td>16 ft 7 in (5,060 mm)</td>
</tr>
<tr>
<td>F. Width of upper structure</td>
<td>8 ft 4 in (2,530 mm)</td>
<td>8 ft 4 in (2,530 mm)</td>
</tr>
<tr>
<td>G. Track overall length</td>
<td>14 ft 8 in (4,460 mm)</td>
<td>14 ft 8 in (4,460 mm)</td>
</tr>
<tr>
<td>H. Track overall with 23.6 in (600 mm) shoes</td>
<td>8 ft 6 in (2,590 mm)</td>
<td>8 ft 6 in (2,590 mm)</td>
</tr>
<tr>
<td>I. Track shoe width</td>
<td>2 ft 0 in (600 mm)</td>
<td>2 ft 0 in (600 mm)</td>
</tr>
<tr>
<td>J. Center to center – idler to sprocket</td>
<td>12 ft 0 in (3,660 mm)</td>
<td>12 ft 0 in (3,660 mm)</td>
</tr>
<tr>
<td>K. Upper structure ground clearance</td>
<td>3 ft 7 in (1,080 mm)</td>
<td>3 ft 7 in (1,080 mm)</td>
</tr>
<tr>
<td>L. Minimum ground clearance</td>
<td>1 ft 5 in (430 mm)</td>
<td>1 ft 5 in (430 mm)</td>
</tr>
<tr>
<td>M. Rear tail swing radius</td>
<td>9 ft 3 in (2,830 mm)</td>
<td>9 ft 3 in (2,830 mm)</td>
</tr>
</tbody>
</table>
### PERFORMANCE SPECS

<table>
<thead>
<tr>
<th>Description</th>
<th>9 ft 8 in (2.94 m) Arm</th>
<th>7 ft 10 in (2.40 m) Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Maximum dig radius</strong></td>
<td>32 ft 6 in (9 900 mm)</td>
<td>30 ft 11 in (9 420 mm)</td>
</tr>
<tr>
<td><strong>B. Dig radius at groundline</strong></td>
<td>31 ft 11 in (9 730 mm)</td>
<td>30 ft 4 in (9 240 mm)</td>
</tr>
<tr>
<td><strong>C. Maximum dig depth</strong></td>
<td>21 ft 9 in (6 620 mm)</td>
<td>19 ft 11 in (6 080 mm)</td>
</tr>
<tr>
<td><strong>D. Dig depth – 8 ft 0 in (2.44 m) level bottom</strong></td>
<td>21 ft 2 in (6 440 mm)</td>
<td>19 ft 3 in (5 870 mm)</td>
</tr>
<tr>
<td><strong>E. Dump height</strong></td>
<td>22 ft 5 in (6 840 mm)</td>
<td>21 ft 9 in (6 620 mm)</td>
</tr>
<tr>
<td><strong>F. Maximum reach height</strong></td>
<td>31 ft 8 in (9 640 mm)</td>
<td>30 ft 11 in (9 420 mm)</td>
</tr>
<tr>
<td><strong>G. Bucket rotation</strong></td>
<td>177°</td>
<td>177°</td>
</tr>
<tr>
<td><strong>H. Maximum vertical wall dig depth</strong></td>
<td>19 ft 5 in (5 930 mm)</td>
<td>17 ft 11 in (5 450 mm)</td>
</tr>
<tr>
<td><strong>J. Minimum swing radius</strong></td>
<td>12 ft 0 in (3 660 mm)</td>
<td>11 ft 11 in (3 620 mm)</td>
</tr>
</tbody>
</table>

**Arm digging force:**
- **Standard**: 23,100 lbf (103 kN)
- **Power Boost**: 27,600 lbf (123 kN)

**Bucket digging force:**
- **Standard**: 31,800 lbf (142 kN)
- **Power Boost**: 34,600 lbf (154 kN)
## CX210D NLC – 18 ft 8 in (5.70 m) Boom and 9 ft 8 in (2.94 m) Arm, Lift capacities using a 1,450 lb (650 kg) bucket, 9,200 lb (4 170 kg) counterweight.

<table>
<thead>
<tr>
<th>Load (Lift Point Height)</th>
<th>MINIMUM REACH</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 (9.0 m)</th>
<th>MAXIMUM REACH</th>
</tr>
</thead>
<tbody>
<tr>
<td>@</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>+25 ft (7.5 m)</td>
<td>6,300 lb*</td>
<td>6,300 lb*</td>
<td>5,300 lb*</td>
<td>5,300 lb*</td>
<td>5,300 lb*</td>
<td>5,300 lb*</td>
<td>25 ft 1 in</td>
</tr>
<tr>
<td></td>
<td>(3 020 kg)*</td>
<td>(3 020 kg)*</td>
<td>(2 320 kg)*</td>
<td>(2 320 kg)*</td>
<td>(2 320 kg)*</td>
<td>(2 320 kg)*</td>
<td>(7.5 m)</td>
</tr>
<tr>
<td>+20 ft (6 m)</td>
<td>9,200 lb*</td>
<td>9,200 lb*</td>
<td>8,550 lb*</td>
<td>8,550 lb*</td>
<td>8,550 lb*</td>
<td>8,550 lb*</td>
<td>20 ft 1 in</td>
</tr>
<tr>
<td></td>
<td>(4 140 kg)*</td>
<td>(4 140 kg)*</td>
<td>(3 850 kg)*</td>
<td>(3 850 kg)*</td>
<td>(3 850 kg)*</td>
<td>(3 850 kg)*</td>
<td>(6 m)</td>
</tr>
<tr>
<td>+15 ft (4.5 m)</td>
<td>11,400 lb*</td>
<td>11,400 lb*</td>
<td>10,350 lb*</td>
<td>10,350 lb*</td>
<td>10,350 lb*</td>
<td>10,350 lb*</td>
<td>15 ft 1 in</td>
</tr>
<tr>
<td></td>
<td>(4 630 kg)*</td>
<td>(4 630 kg)*</td>
<td>(4 640 kg)*</td>
<td>(4 640 kg)*</td>
<td>(4 640 kg)*</td>
<td>(4 640 kg)*</td>
<td>(4.5 m)</td>
</tr>
<tr>
<td>+10 ft (3 m)</td>
<td>18,450 lb*</td>
<td>18,450 lb*</td>
<td>16,600 lb*</td>
<td>16,600 lb*</td>
<td>16,600 lb*</td>
<td>16,600 lb*</td>
<td>10 ft 1 in</td>
</tr>
<tr>
<td></td>
<td>(7 480 kg)*</td>
<td>(7 480 kg)*</td>
<td>(7 430 kg)*</td>
<td>(7 430 kg)*</td>
<td>(7 430 kg)*</td>
<td>(7 430 kg)*</td>
<td>(3 m)</td>
</tr>
<tr>
<td>+5 ft (1.5 m)</td>
<td>9,300 lb*</td>
<td>9,300 lb*</td>
<td>12,750 lb*</td>
<td>12,750 lb*</td>
<td>12,750 lb*</td>
<td>12,750 lb*</td>
<td>5 ft 1 in</td>
</tr>
<tr>
<td></td>
<td>(4 190 kg)*</td>
<td>(4 190 kg)*</td>
<td>(5 020 kg)*</td>
<td>(5 020 kg)*</td>
<td>(5 020 kg)*</td>
<td>(5 020 kg)*</td>
<td>(1.5 m)</td>
</tr>
<tr>
<td>Groundline</td>
<td>5,600 lb*</td>
<td>5,600 lb*</td>
<td>15,450 lb*</td>
<td>15,450 lb*</td>
<td>15,450 lb*</td>
<td>15,450 lb*</td>
<td>5 ft 1 in</td>
</tr>
<tr>
<td></td>
<td>(2 520 kg)*</td>
<td>(2 520 kg)*</td>
<td>(6 950 kg)*</td>
<td>(6 950 kg)*</td>
<td>(6 950 kg)*</td>
<td>(6 950 kg)*</td>
<td>(1.5 m)</td>
</tr>
<tr>
<td>-5 ft (-1.5 m)</td>
<td>11,750 lb*</td>
<td>11,750 lb*</td>
<td>11,350 lb*</td>
<td>11,350 lb*</td>
<td>11,350 lb*</td>
<td>11,350 lb*</td>
<td>1 ft 1 in</td>
</tr>
<tr>
<td></td>
<td>(5 290 kg)*</td>
<td>(5 290 kg)*</td>
<td>(5 150 kg)*</td>
<td>(5 150 kg)*</td>
<td>(5 150 kg)*</td>
<td>(5 150 kg)*</td>
<td>(1.5 m)</td>
</tr>
<tr>
<td>-10 ft (-3 m)</td>
<td>18,250 lb*</td>
<td>18,250 lb*</td>
<td>13,700 lb*</td>
<td>13,700 lb*</td>
<td>13,700 lb*</td>
<td>13,700 lb*</td>
<td>2 ft 1 in</td>
</tr>
<tr>
<td></td>
<td>(8 240 kg)*</td>
<td>(8 240 kg)*</td>
<td>(6 200 kg)*</td>
<td>(6 200 kg)*</td>
<td>(6 200 kg)*</td>
<td>(6 200 kg)*</td>
<td>(3 m)</td>
</tr>
<tr>
<td>-15 ft (-4.5 m)</td>
<td>25,600 lb*</td>
<td>25,600 lb*</td>
<td>15,200 lb*</td>
<td>15,200 lb*</td>
<td>15,200 lb*</td>
<td>15,200 lb*</td>
<td>3 ft 1 in</td>
</tr>
<tr>
<td></td>
<td>(11 330 kg)*</td>
<td>(11 330 kg)*</td>
<td>(7 600 kg)*</td>
<td>(7 600 kg)*</td>
<td>(7 600 kg)*</td>
<td>(7 600 kg)*</td>
<td>(4.5 m)</td>
</tr>
</tbody>
</table>

## CX210D NLC Short – 18 ft 8 in (5.70 m) Boom and 7 ft 11 in (2.40 m) Arm, Lift capacities using a 1,650 lb (700 kg) bucket, 9,200 lb (4 170 kg) counterweight.

<table>
<thead>
<tr>
<th>Load (Lift Point Height)</th>
<th>MINIMUM REACH</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 (9.0 m)</th>
<th>MAXIMUM REACH</th>
</tr>
</thead>
<tbody>
<tr>
<td>@</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>
<td>END SIDE</td>
</tr>
<tr>
<td>+25 ft (7.5 m)</td>
<td>5,650 lb*</td>
<td>5,650 lb*</td>
<td>5,300 lb*</td>
<td>5,300 lb*</td>
<td>5,300 lb*</td>
<td>5,300 lb*</td>
<td>25 ft 1 in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(2 520 kg)*</td>
<td>(2 520 kg)*</td>
<td>(2 320 kg)*</td>
<td>(2 320 kg)*</td>
<td>(2 320 kg)*</td>
<td>(2 320 kg)*</td>
<td>(7.5 m)</td>
<td></td>
</tr>
<tr>
<td>+20 ft (6 m)</td>
<td>10,300 lb*</td>
<td>10,300 lb*</td>
<td>10,250 lb*</td>
<td>10,250 lb*</td>
<td>10,250 lb*</td>
<td>10,250 lb*</td>
<td>20 ft 1 in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4 640 kg)*</td>
<td>(4 640 kg)*</td>
<td>(4 570 kg)*</td>
<td>(4 570 kg)*</td>
<td>(4 570 kg)*</td>
<td>(4 570 kg)*</td>
<td>(6 m)</td>
<td></td>
</tr>
<tr>
<td>+15 ft (4.5 m)</td>
<td>14,150 lb*</td>
<td>14,150 lb*</td>
<td>13,700 lb*</td>
<td>13,700 lb*</td>
<td>13,700 lb*</td>
<td>13,700 lb*</td>
<td>15 ft 1 in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(6 360 kg)*</td>
<td>(6 360 kg)*</td>
<td>(6 200 kg)*</td>
<td>(6 200 kg)*</td>
<td>(6 200 kg)*</td>
<td>(6 200 kg)*</td>
<td>(4.5 m)</td>
<td></td>
</tr>
<tr>
<td>+10 ft (3 m)</td>
<td>20,200 lb*</td>
<td>20,200 lb*</td>
<td>18,000 lb*</td>
<td>18,000 lb*</td>
<td>18,000 lb*</td>
<td>18,000 lb*</td>
<td>10 ft 1 in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(8 980 kg)*</td>
<td>(8 980 kg)*</td>
<td>(8 160 kg)*</td>
<td>(8 160 kg)*</td>
<td>(8 160 kg)*</td>
<td>(8 160 kg)*</td>
<td>(3 m)</td>
<td></td>
</tr>
<tr>
<td>+5 ft (1.5 m)</td>
<td>26,200 lb*</td>
<td>26,200 lb*</td>
<td>22,200 lb*</td>
<td>22,200 lb*</td>
<td>22,200 lb*</td>
<td>22,200 lb*</td>
<td>5 ft 1 in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(11 840 kg)*</td>
<td>(11 840 kg)*</td>
<td>(9 130 kg)*</td>
<td>(9 130 kg)*</td>
<td>(9 130 kg)*</td>
<td>(9 130 kg)*</td>
<td>(1.5 m)</td>
<td></td>
</tr>
<tr>
<td>Groundline</td>
<td>31,750 lb*</td>
<td>31,750 lb*</td>
<td>28,800 lb*</td>
<td>28,800 lb*</td>
<td>28,800 lb*</td>
<td>28,800 lb*</td>
<td>5 ft 1 in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(14 090 kg)*</td>
<td>(14 090 kg)*</td>
<td>(13 800 kg)*</td>
<td>(13 800 kg)*</td>
<td>(13 800 kg)*</td>
<td>(13 800 kg)*</td>
<td>(1.5 m)</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: *Following number indicates hydraulic capacity.
STANDARD EQUIPMENT

ENGINE
Isuzu AR-4HK1X
Tier 4 Final Certified
Selective Catalytic Reduction – SCR
Diesel Oxidation Catalyst – DOC
Cooled Exhaust Gas Recirculation – CEGR
EGR Coolers
Four-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
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
Multi-Function auxiliary hydraulics with Electronic Pressure Control

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
Exterior mirrors – 3
Viscous Cab 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 tool box

ATTACHMENTS
Boom – 18 ft 8 in (5.70 m)
Arm – 9 ft 8 in (2.94 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)
Rear view and Side view cameras
26 selectable languages for monitor
On-board diagnostic system
10 programmable attachments settings on monitor – 5 single flow, 5 dual flow
Seatbelt – 3 in (76 mm)
Heated high-back cloth seat with air suspension and 65° tilt adjustment
Sliding seat – 3.54 in (90 mm)

ADJUSTABLE ARMRESTS
Tilting consoles – 4-position
Sliding cockpit – 3.15 in (80 mm)
Low-effort joystick controls
Controls pre-wired for auxiliary
Straight travel
AM/FM radio with antenna, 2 speakers and Bluetooth capabilities
Aux-in port for personal electronics
Radio mute switch – joystick
Rear-view camera
Anti-theft system – start code system
Rubber floor mat
12 Volt electric outlet
24 Volt cigarette lighter
Windshield wiper/washer
Cup holder
Storage compartments
Warm/cool storage compartment
Travel alarm with cancel switch
Ignition keys
One key start & lock-up
Cab filter – external
Cab handrails
Operator’s manual

UNDCARRIAGE
Narrow undercarriage
23.6 in (600 mm) shoes
triple semi-grouser
Full overlap turntable bearing tub
Single track chain guides
Hydraulic track adjustment
Sealed link chain
Steps
Carbody belly pan – swivel guard
X-pattern carbody
Lashing points – tie downs
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
- High ambient temperature cooling package

HYDRAULICS
- Secondary low-flow/joystick activated
- Hose Burst Check Valve – HBCV

ATTACHMENTS
- Heavy-duty arm – 7 ft 10 in (2.40 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) rubber link chain, bolt-on rubber pads on steel chain
- 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
- Max View Display, additional side camera providing 270 degree aerial display
- LED Package:
  - Includes 1 Side view camera and 6 LED Lights – 2 front cab mounted, 2 rear mounted and 1 mounted on each side