EQUIPMENT

STANDARD EQUIPMENT

ENGINE
- Meets EPA Tier II non-road emissions regulations
- HP mode control
- E mode control
- 50 A alternator
- Cartridge-type engine oil filter
- Air cleaner double filters
- Radiator and oil cooler with dust protective net
- Radiator reservoir tank
- Fan guard
- Isolation-mounted engine
- Auto-idle system
- Auto acceleration system

HYDRAULIC SYSTEM
- Work mode selector
- Engine speed sensing system
- E-P control system
- Power boost
- Auto power lift
- Quick warm-up system for pilot circuit
- Boost arm reduced drift valve
- Control valve with main relief valve
- Extra auxiliary port in control valve
- Suction filter
- Full-flow filter
- Pilot filter
- Work mode selector

CAB
- CRES (Center pillar Reinforced Structure) design
- All-weather sound-suppressed steel cab
- Reinforced, tinted (bronze color) glass windows
- 4 fluid-filled elastic mounts
- Upper and lower front windows and left side windows that open
- Intermediate window/door retractable wipers
- Front window washer
- Deluxe suspension cloth seat with 4" (100 mm) adjustable armrests with lumbar support
- Footrest
- Electric double horn
- 12 V-60 W, 5 amp, cellular phone outlet
- AM-FM stereo with digital clock
- Auto-idle/acceleration selector

FRONT ATTACHMENTS
- P/N bushing
- MI thermal spraying
- Reinforced main thrust plate
- Bucket clearance adjustment
- Monolithically cast bucket link A
- Centralized lubrication system
- Dirt seal on all bucket pins

OPTIONAL EQUIPMENT
- 7' 3" (2.22 m) arm
- 9' 7" (2.91 m) arm
- 24" (600 mm) reinforced triple grouser shoes
- 28" (700 mm) reinforced triple grouser shoes
- 32" (800 mm) reinforced triple grouser shoes
- Auxiliary hydraulic and electric pilot controls
- Hydraulic filter restricts from predictor kit
- Auxiliary hydraulic lines with relief valve
- Buckets: ditching, general purpose, general purpose high capacity, heavy-duty high capacity, severe-duty, severe-duty cast lip, severe-duty plate lip, side cutters and teeth
- Hydraulic bucket material clamps
- Hydraulic coupler
- 32" (800 mm) non-retractable
- Alternate pilot control pattern
- Cab circulation fan
- 20 to 12-volt, DC radio converters, 10 amp
- Secondary exit kit-top hatch
- Ripper
- Boom and arm anti-drift valves
- Lower front wheel guard
- Tropical door – left and right hand side
- Less boom and arm
- Single pedal propel control
- Heavy-duty grapple
- Protection screens for cab front, rear and side
- ISO Standard Falling Object Protective (FOPS) cab with integrated headguard
- Pull-out style guard
- Underframe front guard opening
- Cab extension harness
- Tool kit

MONITOR SYSTEM
- Meters:
  - Hourmeter, trip meter, engine coolant temperature gauge, and fuel gauge
  - Warning lamps:
    - Alternator charge
    - Engine oil pressure
    - Engine overheat
    - Air filter restriction
    - Minimum fuel level
  - Pilot lamps:
    - Engine preheat
    - Work light
    - Auto-idle
    - Auto acceleration
    - Digging mode
    - Attachment mode
  - Alarm buzzers:
    - Engine oil pressure
    - Engine overheat

LIGHTS
- 2 working lights

UPPERSTRUCTURE
- Undercover
- 9,370 lb (4,250 kg) counterweight
- Fuel cell float
- Hydraulic oil level gauge
- Tool box
- Utility space
- Rearview mirror (right and left side)
- Swing parking brake

UNDERCARRIAGE
- Travel parking brake
- Travel motion alarm device
- Track guards and hydraulic track adjuster
- Roll-out sprocket
- Upper rollers and lower rollers
- Reinforced track links with pin seals

MISCELLANEOUS
- Lockable machine covers
- Lockable fuel filler cap
- Skid-resistant tapes, plates and handrails
- Travel direction mark on track frame
- On-board MIC

STANDARD EQUIPMENT

RATED ENGINE
- 147 hp (108 kW)

OPERATING WEIGHT
- 45,400 lbs (20,600 kg)

BUCKET CAPACITY
- 0.59 - 1.60 yd³ (0.45 - 1.22 m³)

HITACHI

Hitachi Construction Products
P.O. Box 8806 • 1515 5th Avenue • Moline, IL 61265

These specifications are subject to change without notice. Illustrations and photos show the standard models, and may or may not include optional equipment, accessories, and all standard equipment with some differences in color and features.
Smarter, faster, more productive yet more efficient—the versatile Hitachi Zaxis 200LC can be found at construction sites all over the world. Boasting a cleaner yet more powerful engine and a host of new items as well as significant refinements, Zaxis is the next generation in excavator development.

**Rigid Undercarriage**
A reshaped box design with X-beams helps disperse stress and boosts the overall rigidity of the entire undercarriage.

**Durable**
Extensive steps have been taken to improve basic performance and overall durability.

**Multi-function Operations**
The Zaxis 200LC continues the Hitachi tradition of smooth, multi-functioning excavators. Executing combined operations such as simultaneous swinging and traveling are easy with Zaxis.

**High-Power Engine**
The Isuzu AA-6BG1T generates:
- 137 hp @ 1,900 rpm in P mode (101 kW/min^-1)
- 147 hp @ 2,100 rpm in H/P mode (108 kW/min^-1)
- 405 lbf•ft max. torque @ 1,600 rpm (56 kgf•m/min^-1)
and meets EPA Tier II non-road emission regulations.

**Machine Information Center**
The Machine Information Center captures and stores vital machine performance data such as engine speeds, hydraulic temperatures, pump pressures, alarms and faults, hours of operation, and more. The data is downloadable through a Palm Pilot and is transferred to your PC. Special PC software interprets the data and generates valuable machine performance reports and graphs highlighting machine utilization, performance history and more to help users improve productivity and profit.

**Safety, Comfort, and Convenience**
The operator’s compartment is designed for both comfort and operating efficiency.
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THE ZAXIS ADVANTAGE

Higher Productivity
Zaxis uses the latest technologies to achieve lower total operational costs while boosting productivity. Arm digging and bucket digging forces have been increased by 10% and 12%, respectively, by increasing the hydraulic cylinder diameter.

Cab Comfort
The easy-to-read monitor panel and switches are located near the operator to minimize fatigue and enhance operator control. The Auto- control air conditioner allows you to set a specific temperature, then forget it. Bi-level air ducts are positioned throughout the cab to promote even air flow. The comfortable seat now reclines up to 40 degrees and has wider armrests. Noise level inside the cabin at the operator’s ears is a quiet 67 dB.

Auto Power Lift
Loads are increased during bucket-filling operations. The Auto Power Lift function automatically provides a 6% increase in power to meet the demand.

Lower Operating Costs
Reduced fuel consumption, a strengthened main frame, front attachment, and undercarriage, longer lubrication intervals, 4,000-hour hydraulic oil and 1,000-hour hydraulic oil filters all work together to extend the durability of Zaxis while reducing running and repair costs.

Work Modes
Two modes simplify excavating operations. Select the “Digging” mode for smooth and speedy front operations or “Attachment” to use a wide variety of tools such as breakers, compactors, and crushers.

Cab Safety
The CRES (Center pillar Reinforced Structure) rigid cab is designed with safety in mind. The closed-section pillar and reinforcing members at central areas withstand vertical and horizontal external forces. This can help reduce the potential of operator injury in the event of an accident.

Operator Command
The newly refined hydraulic system gives the operator unprecedented control. Lever control force is reduced by 10%. The bucket regenerative mechanism makes light-duty operation quicker. The lever height is adjustable within a range of 1.58” (40 mm).

Increased Travel and Swing Power
Armed with plenty of dependable power for travel and swing operations, the Zaxis 200LC is ready for the toughest of terrains and job sites thanks to improved travel motors and swing reduction gear. It has 11% more swing torque and 8% more travel power than the EX200LC.

Auto Acceleration and Auto Idle
Engine speed is automatically controlled in response to the amount of lever operation. This helps reduce fuel consumption, especially during light load work, up to 10%. The Auto Idle Control reduces the engine speed automatically to save energy when the lever is in neutral.

Engine

<table>
<thead>
<tr>
<th>Model</th>
<th>Isuzu AA-6BG1T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>4-cycle water-cooled, direct injection</td>
</tr>
<tr>
<td>Stroke</td>
<td>2.53 ft (780 mm)</td>
</tr>
<tr>
<td>Bore</td>
<td>3.15” (80 mm)</td>
</tr>
<tr>
<td>Compress ratio</td>
<td>9.8:1</td>
</tr>
<tr>
<td>Displace</td>
<td>380 in³ (6.30 L)</td>
</tr>
<tr>
<td>Horsepower (SAE J1349)</td>
<td>137 hp (101 kW)</td>
</tr>
<tr>
<td>Speed</td>
<td>2,100 rpm (min⁻¹)</td>
</tr>
<tr>
<td>Torque</td>
<td>229 lb•ft (320 Nm)</td>
</tr>
</tbody>
</table>

Swing Mechanism

<table>
<thead>
<tr>
<th>Model</th>
<th>43,218 lb•ft (5,981 kgf•m)</th>
</tr>
</thead>
</table>

Hydraulic Filters
Hydraulic circuits use high-quality hydraulic filters. A suction filter is incorporated in the suction line and full-flow filters in the return line and swing/travel motor drain lines.

Dimensions:

<table>
<thead>
<tr>
<th>Boom</th>
<th>Qty</th>
<th>Bore 120 mm</th>
<th>Bore 155 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>4.72”</td>
<td>3.35”</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>5.31”</td>
<td>3.74”</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>4.53”</td>
<td>3.15”</td>
</tr>
</tbody>
</table>

Upperstructure
Revolving Frame

| Swing Motor | 43.2 lb•ft (60 kgf•m) |

Swing Mechanism

| Swing Motor | 43.2 lb•ft (60 kgf•m) |

Operator’s Cab

| Swivel radius | 14 ft 11 in (4,550 mm) |

Specifications

| Fuel tank | 360 gal (1,350 L) |
| Engine coolant | 23 gal (88 L) |
| Engine oil | 25 gal (94 L) |
| Swing mechanism | 320 mm (12.6”) |
| Travel final device | 18” (457 mm) |
| System ground pressure | 31.5 bar (450 psi) |
| Power supply | 120 V 200 A |

Weights

| Ground pressure | 5.69 lb (2.5 kgf) |
| Weight | 20,600 lb (9,350 kg) |

BACKHOE ATTACHMENTS

| Boom and arm | 5 ft 4 in (1,680 mm) |
| Engine and arm | 7’3” (2.22 m) |
| Arm | 7’3” (2.22 m) |
Higher Productivity
Zaxis uses the latest technologies to achieve lower total operational costs while boosting productivity. Arm digging and bucket digging forces have been increased by 10% and 12% respectively by increasing the hydraulic cylinder diameter.

Cab Comfort
The easy-to-read monitor panel and switches are located near the operator to minimize fatigue and enhance operator control. The Auto-control air conditioner allows you to set a specific temperature, then forget it. Bi-level air ducts are positioned throughout the cab to promote even air flow. The comfortable seat now reclines up to 40 degrees and has wider armrests. Noise inside the cabin at the operator’s ears is a quiet 67 dB.

Auto Power Lift
Loads are increased during bucket-filling operations. The Auto Power Lift function automatically provides a 6% increase in power to meet the demand.

Lower Operating Costs
Reduced fuel consumption, a strengthened main frame, front attachment, and undercarriage, longer lubrication intervals, 4,000-hour hydraulic oil and 1,000-hour hydraulic oil filters all work together to extend the durability of Zaxis while reducing running and repair costs.

Work Modes
Two modes simplify excavating operations. Select the “Digging” mode for smooth and speedy front operations or “Attachment” to use a wide variety of tools such as breakers, compactors, and crushers.

Cabsafety
The CRES (Center pillar Reinforced Structure) rigid cab is designed with safety in mind. The closed-section pillar and reinforcing members at front/rear frames withstand vertical and horizontal external forces. This can help reduce the potential of operator injury in the event of an accident.

Operator Command
The newly refined hydraulic system gives the operator unprecedented control. Lever control force is reduced by 10%. The bucket regenerative mechanism makes light-duty operation quicker. The lever height is adjustable within a range of 1.58” (40 mm).

Increased Travel and Swing Power
Armed with plenty of dependable power for travel and swing operations, the Zaxis 200Lc is ready for the toughest of terrains and job sites thanks to improved travel motors and swing reduction gear. It has 11% more swing torque and 8% more travel power than the EX200LC.

Auto Acceleration and Auto Idle
Engine speed is automatically controlled in response to the amount of lever operation. This helps reduce fuel consumption, especially during light load work, up to 10%. The Auto Idle Control reduces the engine speed automatically to save energy when the lever is in neutral.

Auto Power Lift
Loads are increased during bucket-filling operations. The Auto Power Lift function automatically provides a 6% increase in power to meet the demand.

Lower Operating Costs
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Work Modes
Two modes simplify excavating operations. Select the “Digging” mode for smooth and speedy front operations or “Attachment” to use a wide variety of tools such as breakers, compactors, and crushers.

The powerful engine and hydraulic system work together to bring the maximum amount of excavating forces to the toughest of job sites.

SPEC SUMMARY

ENGINE
Model: Isuzu AA-6BG1T
Type: 4-cycle water-cooled, direct injection
Aspiration: Turbocharged, intercooled
No. of cylinders: 6
Rated power SAE J1349, net: 147 hp (100 kW) @ 2,100 rpm (min-1)
P mode: 137 hp (100 kW) @ 1,900 rpm (min-1)
Max. engine torque: 405 lbf•ft (56 kgf•m) @ 1,600 rpm (min-1)
Max. engine speed: 2,200 rpm (min-1)
Max. oil flow: 8.5 US gpm (32 L/min, 7.0 imp gpm)

HYDRAULIC SYSTEM
Work mode selector allows operator to choose between Digging mode or Attachment mode.
Engine speed sensing system.
Main pumps: 2 variable displacement axial piston pumps
Max. oil flow: 2 x 5.3 US gpm (2 x 194 L/min, 2 x 42.7 imp gpm)
Pilot pump: 1 gear pump
Max. oil flow: 8.5 US gpm (32 L/min, 7.0 imp gpm)

Hydraulic Motors
Travel: 2 variable displacement axial piston motors
Swing: 1 axial piston motor

Relief valve settings
Implement circuit: 4,980 psi (350 kgf/cm²)
Swing circuit: 4,410 psi (310 kgf/cm²)
Traction pump: 4,980 psi (350 kgf/cm²)
Pilot circuit: 570 psi (40 kgf/cm²)

Power boost: 5,260 psi (370 kgf/cm²)

Swing Mechanism
Swing torque: 43,218 lbf•ft (5 981 kgf•m)

Power Take-Offs
Boom: 2
Arm: 3
Bucket: 1

Swing circuit is single-row, shear-type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type.

Maximum traction force: 42,420 lbf (19 240 kgf)

Maximum acceleration: 0.34 m/s² (3.5 mph (5.5 km/h))

Maximum speed: 570 psi (40 kgf/cm²)

Maximum travel speed: 0.2 mph (0.3 km/h)

Auto Power Lift
Boom: 2
Arm: 3
Bucket: 1

Auto Acceleration and Auto Idle
Boom: 2
Arm: 3
Bucket: 1

Impedance settings
Implement: 1
Swing: 1
Traction: 1

Swing circuit: 4,410 psi (310 kgf/cm²)

Swing speed: 0.13 rpm (min-1)

Swing torque: 43,218 lbf•ft (5 981 kgf•m)

Operator’s Cab
Independent roomy cab, 40” (1,005 mm) wide by 66” (1,675 mm) high, conforming to ISO Standards. Reinforced glass windows on 4 sides for visibility. Front windows (upper and lower) can be opened. Adjustable, reclining seat with armrests; movable with or without control levers.

SPECIFICATIONS
Cab Comfort
Operator Command
The easy-to-read monitor panel and switches are located near the operator to minimize fatigue and enhance operator control. The Auto-control air conditioner allows you to set a specific temperature, then forget it. Bi-level air ducts are positioned throughout the cab to promote even air flow. The comfortable seat now reclines up to 40 degrees and has wider armrests. Noise inside the cabin at the operator’s ears is a quiet 67 dB.

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Auto Acceleration and Auto Idle
Engine speed is automatically controlled in response to the amount of lever operation. This helps reduce fuel consumption, especially during light load work, up to 10%. The Auto Idle Control reduces the engine speed automatically to save energy when the lever is in neutral.

Auto Power Lift
Loads are increased during bucket-filling operations. The Auto Power Lift function automatically provides a 6% increase in power to meet the demand.

Lower Operating Costs
Reduced fuel consumption, a strengthened main frame, front attachment, and undercarriage, longer lubrication intervals, 4,000-hour hydraulic oil and 1,000-hour hydraulic oil filters all work together to extend the durability of Zaxis while reducing running and repair costs.

Work Modes
Two modes simplify excavating operations. Select the “Digging” mode for smooth and speedy front operations or “Attachment” to use a wide variety of tools such as breakers, compactors, and crushers.

The powerful engine and hydraulic system work together to bring the maximum amount of excavating forces to the toughest of job sites.
**LIFTING CAPACITIES**

**ZAXIS200LC**

*Notes: 1. Ratings are based on SAE J1097.*

**SPECIFICATIONS**

- **FM ZAXIS200LC**

  - **Boom** 18'8" (5.68 m)
  - **Arm** 7'3" (2.2 m)
  - **Shoe** 24" (600 mm)

  - **Note:**
    - **Backhoe Buckets**
    - A full line of buckets is offered to meet a wide variety of applications. Digging forces are with power boost. The buckets have an adjustable bushing for side clearance, with the exception of the ditching bucket. Tooth selection includes either the John Deere Fangrip, Standard, Tiger, Ten Tiger, Axelson pattern, or Flare tooth, or the ESCO (Vertikal) Standard, Tiger, Ten Tiger, or Flare tooth. Reversible cutting edges are available through John Deere parts. Optional slide cutters add 6 inches (150 mm) to bucket widths.

  - **Backhoe Buckets**
    - **General-Purpose**
      - **24** 810 0.59 0.45 1,795 594 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410
      - **30** 750 0.69 0.52 1,822 570 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410
      - **36** 915 0.87 0.63 2,006 720 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410
    - **Plate Lip**
      - **24** 810 0.59 0.45 1,795 594 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410
      - **30** 750 0.69 0.52 1,822 570 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410
      - **36** 915 0.87 0.63 2,006 720 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410
    - **Heavy-Duty**
      - **24** 870 0.65 0.45 1,355 610 28,345 123.0 27,919 131.5 22,120 100.4 52.1 1390
      - **30** 810 0.77 0.52 1,447 665 28,345 123.0 27,919 131.5 22,120 100.4 52.1 1390
      - **36** 915 0.89 0.63 1,578 711 28,345 123.0 27,919 131.5 22,120 100.4 52.1 1390
    - **High-Capacity**
      - **24** 1,165 1.05 0.86 1,791 706 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410
      - **30** 1,165 1.05 0.86 1,791 706 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410
      - **36** 1,320 1.20 0.99 1,873 799 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410

  - **Severe-Duty**
    - **Plate Lip**
      - **24** 915 0.87 0.63 1,859 843 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410
      - **30** 1,165 1.05 0.86 1,979 897 30,410 135.3 29,946 133.2 23,250 103.4 55.5 1410

  - **Rating**
    - **24** 45,515 1,583 34,340 1,503 24,881 1,107 37.0 940
    - **30** 58,272 1,605 34,340 1,503 24,881 1,107 37.0 940

*All capacities are SAE heaped ratings and with side cutters.
### Dimensions / Working Ranges

**A** Load radius  
**B** Load point height  
**C** Lifting capacity

**Rated over 360 degrees**  
**Rated over front**  

#### Lifting Capacities

**ZAXIS200LC**

<table>
<thead>
<tr>
<th>Conditions</th>
<th>Load point height</th>
<th>Load radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom 18° (5.46 m)</td>
<td>18 ft (5.49 m)</td>
<td>10 ft (3.05 m)</td>
</tr>
<tr>
<td>Arm 7° (2.12 m)</td>
<td>13 ft (3.96 m)</td>
<td>9 ft (2.74 m)</td>
</tr>
<tr>
<td>Bucket 1.12 yd</td>
<td>14 ft (4.27 m)</td>
<td>10 ft (3.05 m)</td>
</tr>
<tr>
<td>Shoe 24° (600 mm)</td>
<td>14 ft (4.27 m)</td>
<td>10 ft (3.05 m)</td>
</tr>
</tbody>
</table>

- **Unit**: lb (kg)

<table>
<thead>
<tr>
<th>Bucket Width</th>
<th>Bucket Capacity</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>30°</td>
<td>18°</td>
<td>12°</td>
</tr>
<tr>
<td>Plate Lip</td>
<td>0.75</td>
<td>0.50</td>
</tr>
<tr>
<td>General Purpose</td>
<td>1.77</td>
<td>1.17</td>
</tr>
<tr>
<td>High Capacity</td>
<td>1.77</td>
<td>1.17</td>
</tr>
<tr>
<td>Heavy-Duty Plate</td>
<td>1.77</td>
<td>1.17</td>
</tr>
<tr>
<td>General Purpose</td>
<td>1.77</td>
<td>1.17</td>
</tr>
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<td>1.77</td>
<td>1.17</td>
</tr>
<tr>
<td>Severe-Duty Plate</td>
<td>1.77</td>
<td>1.17</td>
</tr>
</tbody>
</table>

*All capacities are SAE heaped ratings and with side cutters.*
**EQUIPMENT**

**STANDARD EQUIPMENT**

**ENGINE**
- Meets EPA Tier II non-road emissions regulations
- HP mode control
- E mode control
- 50 A alternator
- Cartridge-type engine oil filter
- Cartridge-type fuel filter
- Radiator and oil cooler with dust protective net
- Radiator reservoir tank
- Fan guard
- Isolation-mounted engine
- Auto-idle system
- Auto acceleration system
- H/P mode control
- E mode control
- 50 A alternator
- Cartridge-type engine oil filter
- Cartridge-type fuel filter
- Radiator and oil cooler with dust protective net
- Radiator reservoir tank
- Fan guard
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- Auto acceleration system

**HYDRAULIC SYSTEM**
- Work mode selector
- Engine speed sensing system
- E-P control system
- Power boost
- Auto power lift
- Quick warm-up system for pilot circuit
- Shockless valve in pilot circuit
- Boom-arm reduced drift valve
- Control valve with main relief valve
- Extra auxiliary port in control valve
- Suction filter
- Full-flow filter
- Pilot filter
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- Upper and lower front windows and left side windows that open
- Intermittent windshield retractable wipers
- Front window washer
- Deluxe suspension cloth seat with 4" (100 mm) adjustable armrests with lumbar support

**MONITOR SYSTEM**
- Meters:
  - Hourmeter, trip meter, engine coolant temperature gauge, and fuel gauge
  - Warning lamps:
    - Alternator charge, engine oil pressure, engine overheat, air filter restriction, and minimum fuel level
  - Pilot lamps:
    - Engine preheat, work light, auto-idle, auto-acceleration, digging mode, attachment mode
  - Alarm buzzers:
    - Engine oil pressure and engine overheat

**LIGHTS**
- 2 working lights

**UPPERSTRUCTURE**
- Undercarriage
  - Undercover
  - 9,370 lb (4,250 kg) counterweight
  - Fuel level float
  - Hydraulic oil level gauge
  - Tool box
  - Utility space
  - Rearview mirror (right and left side)
  - Swing parking brake

**FRONT ATTACHMENTS**
- HN bushing
- WC thermal spraying
- Reinforced resin thrust plate
- Bucket clearance adjust mechanism
- Monolithically cast bucket link A
- Centralized lubrication system

**UNDERCARRIAGE**
- Travel parking brake
- Travel motor covers
- Travel motion alarm device
- Tread guards and hydraulic track adjuster
- Track guards and hydraulic track adjuster
- Lower rollers on both sides
- Upper rollers on both sides
- Reinforced track links with pin seals

**OPTIONAL EQUIPMENT**
- 7' 3" (2.22 m) arm
- 9' 9" (2.91 m) arm
- 24" (600 mm) reinforced triple grouser shoes
- 28" (700 mm) reinforced triple grouser shoes
- 32" (800 mm) reinforced triple grouser shoes
- Window world protection covers
- Auxiliary hydraulic and electric pilot controls
- Hydraulic filter racks from indicator kit
- Auxiliary hydraulic lines with shutoff valve
- Buckets:
  - Ditching, general purpose, general purpose high capacity, general purpose high capacity, heavy-duty, heavy-duty high capacity, severe-duty cast lip, severe-duty plate lip, side cutters and teeth
- Hydraulic body material clamps
- Hydraulic coupler
- Steel bolt, 3" (75 mm) non-retractable
- Alternate pilot control pattern
- Cab circulation fan
- 24 to 12-volt, DC filters converters, 10 amp
- Secondary exit kit-top hatch
- Ripper
- Boom and arm anti-drift valves
- Lower front window guard
- Tropical door — left and right hand side
- Less boom and arm
- Single pedal propel control
- Heavy-duty grapple
- Protection screens for cab front, rear and side
- ISO Standard Falling Object Protective (FOPS) cab with integrated headguard
- Roll-out side guards
- Underframe frame opening guard
- Cab extention harness
- Tool kit