When you’re ready to take aim at your bottom line, arm yourself with the standard-undercarriage 200D or long-undercarriage 200D LC. Stronger and faster than before, this 20-metric-ton excavator is loaded with enhancements that not only increase productivity and uptime, but lower daily operating costs, too. A high-efficiency “on-demand” cooling system, Tier 3 PowerTech™ E diesel engine, advanced multifunction monitor, and more spacious cab with 47-percent more tinted glass headline the long list of advances. Delivering the power, smoothness, and control you expect from a John Deere, the 200D and 200D LC come with everything you need to get more done.
The 200D and 200D LC deliver more swing torque, drawbar pull, and lift capability, with less emissions and noise.

Extended engine and hydraulic fluid service intervals increase uptime and reduce daily operating costs.

Redesigned cab combines more legroom and tinted glass for unsurpassed comfort and visibility.

Powerwise III™ engine/hydraulic management system maximizes power output, saves fuel, and delivers smooth multifunction hydraulic operation.

Hydraulically driven fan runs only as needed, reducing noise, fuel consumption, and operating costs. Reversing option automatically back-blows cooler cores to reduce debris buildup.

Fuel-efficient Tier 3 emission-certified PowerTech E diesel delivers power without compromise in all conditions.

### Specifications

<table>
<thead>
<tr>
<th></th>
<th>200D</th>
<th>200D LC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Power</td>
<td>159 hp</td>
<td>159 hp</td>
</tr>
<tr>
<td>Operating Weight</td>
<td>48,617 lb.</td>
<td>49,940 lb.</td>
</tr>
<tr>
<td>Lift Capacity</td>
<td>13,223 lb.</td>
<td>14,248 lb.</td>
</tr>
<tr>
<td>Digging Depth</td>
<td>21 ft. 11 in.</td>
<td>21 ft. 11 in.</td>
</tr>
<tr>
<td>Arm Breakout Force</td>
<td>22,924 lb.</td>
<td>22,924 lb.</td>
</tr>
</tbody>
</table>
Noise levels — and operator fatigue — have been significantly reduced. Variable-speed fan, dual-pass muffler, and isochronous high-idle speed help quiet things down.

Additional hydraulic capability a necessity? Two factory-installed high-pressure, high-flow auxiliary hydraulic packages enable you to meet the need.

Who says you can’t always get what you want? Choose from a variety of track widths, arm lengths, buckets, and other options.

Changing hydraulic flow is pushbutton easy through the monitor. Accommodates a wide variety of attachment needs, right from the seat.

1. Powerwize III perfectly balances engine performance and hydraulic flow for smooth multifunction operation and fast cycles. One work mode makes it easy to be productive in any application.

2. Generous hydraulic flow combined with increased swing torque help you load more trucks or open more trench.

3. For finesse work like setting pipe, the 200D and 200D LC’s best-in-class metering and smooth multifunction operation give you the precise, predictable control you need.

4. When the digging gets tough, simply press the power-boost button for additional hydraulic muscle.
The 200D and 200D LC will satisfy your appetite. Faster hydraulics combined with increased lift capacity, swing torque, and drawbar pull enable you to pile more work on your plate. You’ll enjoy typical John Deere finesse, thanks to the Powerwise III engine/hydraulic management system that delivers pinpoint metering and predictable smooth-as-silk low-effort control. And with numerous noise-reducing features, the 200D and 200D LC quietly go about the business of making you more productive. Dig in!
Want your operators to be more productive? Put them in their place — behind the controls of a 200D or 200D LC. Their spacious well-appointed interior boasts more of everything. A wider expanse of tinted glass for virtually unrestricted visibility. More peace and quiet. Substantially more legroom. And numerous creature comforts and conveniences including automatic climate control, AM/FM radio, ample storage, and available heated air-suspension seat. The 200D and 200D LC deliver more of everything your operators need to do their best.
Deluxe-suspension multi-position seat has 10½ inches of travel, sliding together or independent of the control console. So it won’t cramp an operator’s style.

Ergonomically designed short-throw pilot levers provide smooth, predictable fingertip control with less movement and effort.

Go from backhoe- to SAE-style controls with just a twist of your wrist. Optional lockable control pattern selector valve comes factory-installed.

Pushbuttons in the right lever allow fingertip control of auxiliary hydraulic flow for operating attachments.

Convenient 12-volt port powers cell phones and other electronic devices.

Redesigned cab isn’t just roomier, it’s also noticeably quieter and more comfortable. Silicone-filled cab mounts effectively isolate operators from noise and vibration.

1. Forty-seven-percent more glass, narrow front cab posts, large tinted overhead hatch, and numerous mirrors provide virtually unobstructed all-around visibility.

2. No shortage of storage in here. There’s a place for a cooler, cup holders, and even a hot/cold box that keeps refreshments at just the right temperature.

3. Automatic, high-velocity bi-level climate-control system with automotive-style adjustable louvers helps keep the glass clear and the cab comfortable.

4. Intuitive, multi-language monitor with four-color LCD screen provides a wealth of info and control. Displays operating, diagnostic, and maintenance data with easy-on-the-eyes clarity.
Optional reversing fan automatically back-blows cooler cores to reduce debris buildup. It's a welcome addition that will increase uptime.

Graphite-iron wet-sleeve cylinder liners, mono-steel pistons, and large-diameter connecting rods ensure long-term engine durability.

Oil-impregnated bushings enhance durability and extend grease intervals to 500 hours (100 hours for the bucket joint). Reinforced resin thrust plates increase boom lube intervals to 500 hours.

Welded bulkheads within the boom resist torsional stress. Boom, arms, and mainframe are so tough, they’re warranted for three years or 10,000 hours.

Tungsten-carbide coating creates an extremely wear-resistant surface to protect the all-important bucket-to-arm joint.

1. With large idlers, rollers, and strutted links, the 200D and 200D LC’s sealed and lubricated undercarriage delivers long and reliable performance.

2. Rigid, reinforced D-channel side frames resist impact, providing maximum cab and component protection.

3. Perforations in the hood and side shields serve as a “first filter,” preventing trash entry. Anything that passes through will also clear the cooler cores.

4. Box-section track frames, thick-plate single-sheet mainframe, and large swing bearing deliver rock-solid durability.
Unlike some excavators that scream for attention, the 200D and 200D LC’s hydraulically driven on-demand fan runs only as needed, reducing noise and fuel consumption. The highly efficient system keeps things running cool, even in high-trash environments and high altitudes. A direct-drive fan is optional. Other traditional John Deere durability features include tungsten-carbide thermal-coated arm surfaces, oil-impregnated bushings, and welded-boom bulkheads. For maximum uptime, shift after productive shift, month after month. When you know how they’re built, you’ll run a Deere.
Machine Information Center (MIC) captures and stores vital machine performance and utilization data to help improve uptime, productivity, and profit.

Auto-idle automatically reduces engine speeds when hydraulics aren’t in use, making the most of every precious drop of fuel.

Large, easy-to-open doors provide quick access to service items. Lube banks, filters, and checkpoints are grouped for added convenience.

Large fuel tank and 500- and 5,000-hour engine and hydraulic oil-service intervals enable the 200D LC to work longer between stops for service.

Fluid-level sight gauges are conveniently located and can be checked at a glance.
Uncover new ways to keep costs down.

As with all John Deere machines, the 200D and 200D LC are loaded with features that make them hassle free to service and low cost to maintain. Large, easy-to-open service doors and easy-access service points make quick work of the daily routine. Remote-mounted vertical oil and fuel filters and extended engine and hydraulic oil-change intervals minimize maintenance, too. Plus the Machine Information Center, a state-of-the-art LCD color monitor, and fluid-sample ports help you make timely decisions about machine upkeep — and maximize uptime, productivity, and profits.

1. Vertical spin-on engine oil and fuel/water filters in the right rear compartment allow ground-level servicing.

2. Easy-to-navigate LCD color monitor tracks up to 14 maintenance intervals and lets an operator check any of 32 machine operating parameters at the touch of a button.

3. Centralized lube banks place difficult-to-lube zerks within easy reach, for faster greasing with less mess.

4. Fresh-air cab filter is quickly serviced from outside the cab where it’s more likely to get done.

5. Wide-fin spacing lets trash easily pass through cores to resist plugging. Hinged, swing-out coolers provide additional access.

6. Remote diagnostic and fluid-sample ports located in the pump compartment help speed preventative maintenance and troubleshooting.
Specifications

Engine

<table>
<thead>
<tr>
<th>Specification</th>
<th>200D / 200D LC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer and Model</td>
<td>John Deere 6068H</td>
</tr>
<tr>
<td>Non-Road Emission Standards</td>
<td>certified to EPA Tier 3 emissions</td>
</tr>
<tr>
<td>Net Power (ISO 9249)</td>
<td>159 hp (119 kW) @ 2,000 rpm</td>
</tr>
<tr>
<td>Cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Displacement</td>
<td>414 cu. in. (6.8 L)</td>
</tr>
<tr>
<td>Off-Level Capacity</td>
<td>100% (45 deg.)</td>
</tr>
<tr>
<td>Aspiration</td>
<td>turbocharged, air-to-air charge air cooler</td>
</tr>
</tbody>
</table>

Cooling

Cool-on-demand hydraulic-driven, suction-type fan with remote-mounted drive

Powertrain

| Maximum Travel Speed                   | |
| Low                                    | 2.2 mph (3.5 km/h) |
| High                                   | 3.4 mph (5.5 km/h) |

Hydraulics

| Main Pumps                              | 2 variable-displacement axial-piston pumps |
| Maximum Rated Flow                      | 2 x 56.0 gpm (2 x 212 L/m) |
| Pilot Pump                              | one gear |
| Maximum Rated Flow                      | 7.9 gpm (30 L/m) |
| Pressure Setting                        | 580 psi (3999 kPa) |

System Operating Pressure

| Implement Circuits                      | 4,980 psi (34,336 kPa) |
| Travel Circuits                         | 4,980 psi (34,336 kPa) |
| Swing Circuits                          | 4,980 psi (34,336 kPa) |
| Power Boost                             | 5,270 psi (36,335 kPa) |

Controls

pilot levers, short stroke, low effort; hydraulic pilot controls with shutoff lever

Cylinders

Heat-treated, chrome-plated, polished cylinder rods; hardened-steel (replaceable bushings) pivot pins

<table>
<thead>
<tr>
<th>Cylinder</th>
<th>Bore Diameter</th>
<th>Rod Diameter</th>
<th>Stroke Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom (2)</td>
<td>4.72 in. (120 mm)</td>
<td>3.35 in. (85 mm)</td>
<td>49.61 in. (1260 mm)</td>
</tr>
<tr>
<td>Arm (1)</td>
<td>5.31 in. (135 mm)</td>
<td>3.74 in. (95 mm)</td>
<td>58.07 in. (1475 mm)</td>
</tr>
<tr>
<td>Bucket (1)</td>
<td>4.53 in. (115 mm)</td>
<td>3.15 in. (80 mm)</td>
<td>41.73 in. (1060 mm)</td>
</tr>
</tbody>
</table>

Electrical

<table>
<thead>
<tr>
<th>Specification</th>
<th>200D / 200D LC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Batteries</td>
<td>2 x 12 volt</td>
</tr>
<tr>
<td>Reserve Capacity</td>
<td>440 min.</td>
</tr>
<tr>
<td>Alternator Rating</td>
<td>80 amp</td>
</tr>
<tr>
<td>Work Lights</td>
<td>2 halogen (one mounted on boom, one mounted on frame)</td>
</tr>
</tbody>
</table>

Undercarriage

<table>
<thead>
<tr>
<th>Specification</th>
<th>200D / 200D LC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planetary final drives with axial-piston motors</td>
<td></td>
</tr>
<tr>
<td>Carrier Rollers (per side)</td>
<td>2</td>
</tr>
<tr>
<td>Track Rollers (per side)</td>
<td>7</td>
</tr>
<tr>
<td>Shoes (per side)</td>
<td>46</td>
</tr>
<tr>
<td>Drawbar Pull</td>
<td>45,620 lb. (20,711 kg)</td>
</tr>
<tr>
<td>Track Adjustment</td>
<td>hydraulic</td>
</tr>
<tr>
<td>Guides</td>
<td>center</td>
</tr>
<tr>
<td>Chain</td>
<td>sealed and lubricated</td>
</tr>
</tbody>
</table>
Swing Mechanism 200D / 200D LC

Swing Speed ........................................................................ 13.3 rpm
Swing Torque ........................................................................ 50,662 lb.-ft. (68 900 Nm)

Ground Pressure 200D 200D LC

Triple Semi-Grouser Shoes
24 in. (600 mm) ................................................................. 6.90 psi (47.6 kPa) 6.87 psi (47.4 kPa)
28 in. (700 mm) ................................................................. 6.10 psi (42.1 kPa) 6.08 psi (41.9 kPa)
32 in. (800 mm) ................................................................. 5.30 psi (36.5 kPa) 5.30 psi (36.5 kPa)

Serviceability 200D /200D LC

Refill Capacities
Fuel Tank ................................................................. 106 gal. (400.0 L)
Cooling System ......................................................... 27.6 qt. (26.1 L)
Engine Oil with Filter ........................................... 24 qt. (23.0 L)
Hydraulic Tank ........................................................ 36 gal. (135.0 L)
Hydraulic System ..................................................... 63.4 gal. (240.0 L)
Gearbox
Propel (each) .......................................................... 7.2 qt. (6.8 L)
Swing ................................................................. 7.0 qt. (6.2 L)
Pump Drive ............................................................ 1.1 qt. (1.0 L)

Operating Weights 200D 200D LC

With Full Fuel Tank; 175-lb. (79 kg) Operator;
42-in. (1065 mm), 1.19-cu.-yd. (0.91 m³),
1,951-lb. (886 kg) Heavy-Duty Bucket; 9-ft.
7-in. (2.91 m) Arm, 10,463-lb. (4750 kg)
Counterweight; and 32-in. (800 mm) Triple
Semi-Grouser Shoes ........................................... 48,617 lb. (22 072 kg)
49,940 lb. (22 673 kg)

Optional Components
Undercarriage with Triple Semi-Grouser Shoes
24 in. (600 mm) ......................................................... 14,873 lb. (6752 kg)
28 in. (700 mm) ......................................................... 15,733 lb. (7143 kg)
32 in. (800 mm) ......................................................... 16,381 lb. (7437 kg)
One-Piece Boom (with arm cylinder) ........ 3,815 lb. (1732 kg)
Arm with Bucket Cylinder and Linkage
7 ft. 11 in. (2.42 m) ............................................. 2,044 lb. (928 kg)
9 ft. 7 in. (2.91 m) ............................................. 2,181 lb. (990 kg)
Boom Lift Cylinders (2) Total Weight .................. 750 lb. (341 kg)
42-in. (1065 mm), 1.19-cu.-yd. (0.91 m³) Heavy-
Duty Bucket ........................................................ 1,951 lb. (886 kg)
Counterweight (standard) ............................... 10,463 lb. (4750 kg)

Operating Dimensions 200D 200D LC

Arm Force with 42-in. (1065 mm) Heavy-Duty
Bucket with Power Boost .................................. 27,877 lb. (124.0 kN)
22,924 lb. (102.0 kN) 27,877 lb. (124.0 kN)
22,924 lb. (102.0 kN)
Bucket Digging Force with 42-in. (1065 mm)
1.19-cu.-yd. (0.91 m³) Heavy-Duty Bucket
with Power Boost ................................................. 29,099 lb. (129.4 kN)
29,099 lb. (129.4 kN) 29,099 lb. (129.4 kN)
29,099 lb. (129.4 kN)
Lifting Capacity Over Front at Ground Level
20-ft. (6.1 m) Reach with Power Boost .............. 14,607 lb. (6632 kg)
13,223 lb. (6003 kg) 14,533 lb. (6598 kg)
14,248 lb. (6469 kg)
A Maximum Reach .................................................... 30 ft. 11 in. (9.43 m)
32 ft. 7 in. (9.43 m) 30 ft. 11 in. (9.43 m)
32 ft. 7 in. (9.43 m)
A' Maximum Reach at Ground Level .................. 30 ft. 4 in. (9.25 m)
30 ft. 4 in. (9.25 m) 30 ft. 4 in. (9.25 m)
30 ft. 4 in. (9.25 m)
B Maximum Digging Depth ...................................... 20 ft. 3 in. (6.18 m)
20 ft. 3 in. (6.18 m) 21 ft. 11 in. (6.68 m)
21 ft. 11 in. (6.68 m)
B' Maximum Digging Depth at 8-ft. (2.44 m) .... 19 ft. 6 in. (5.95 m)
19 ft. 6 in. (5.95 m) 19 ft. 6 in. (5.95 m)
19 ft. 6 in. (5.95 m)
C Maximum Cutting Height ......................................... 31 ft. 9 in. (9.67 m)
32 ft. 7 in. (9.67 m)
32 ft. 7 in. (9.67 m)
D Maximum Dumping Height .............................. 22 ft. 5 in. (6.83 m)
23 ft. 7 in. (6.38 m) 23 ft. 7 in. (6.38 m)
23 ft. 7 in. (6.38 m)
E Minimum Swing Radius .......................................... 10 ft. 9 in. (3.28 m)
10 ft. 5 in. (3.18 m) 10 ft. 5 in. (3.18 m)
10 ft. 5 in. (3.18 m)
F Maximum Vertical Wall ............................................. 17 ft. 5 in. (5.30 m)
17 ft. 5 in. (5.30 m) 19 ft. 8 in. (5.99 m)
19 ft. 8 in. (5.99 m)
G Tail Swing Radius .................................................. 9 ft. 0 in. (2.75 m)
9 ft. 0 in. (2.75 m) 9 ft. 0 in. (2.75 m)
9 ft. 0 in. (2.75 m)
**Machine Dimensions**

<table>
<thead>
<tr>
<th></th>
<th>200D</th>
<th>200D LC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm Length</td>
<td>7 ft. 11 in. (2.42 m)</td>
<td>9 ft. 7 in. (2.91 m)</td>
</tr>
<tr>
<td>Overall Length</td>
<td>31 ft. 6 in. (9.60 m)</td>
<td>31 ft. 3 in. (9.35 m)</td>
</tr>
<tr>
<td>Overall Height</td>
<td>10 ft. 5 in. (3.18 m)</td>
<td>10 ft. 5 in. (3.18 m)</td>
</tr>
<tr>
<td>Rear-End Length/Swing Radius</td>
<td>9 ft. 0 in. (2.75 m)</td>
<td>9 ft. 8 in. (2.95 m)</td>
</tr>
<tr>
<td>Distance Between Idler/Sprocket Centerline</td>
<td>11 ft. 0 in. (3.35 m)</td>
<td>12 ft. 0 in. (3.67 m)</td>
</tr>
<tr>
<td>Undercarriage Length</td>
<td>13 ft. 6 in. (4.17 m)</td>
<td>14 ft. 8 in. (4.46 m)</td>
</tr>
</tbody>
</table>

**Alignment Dimensions**

<table>
<thead>
<tr>
<th></th>
<th>200D</th>
<th>200D LC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Line</td>
<td>5 ft. (1.52 m)</td>
<td>5 ft. (1.52 m)</td>
</tr>
<tr>
<td>10 ft. (3.05 m)</td>
<td>10 ft. (3.05 m)</td>
<td></td>
</tr>
<tr>
<td>20 ft. (6.10 m)</td>
<td>20 ft. (6.10 m)</td>
<td></td>
</tr>
<tr>
<td>Ground Clearance</td>
<td>7 ft. 10 in. (2.39 m)</td>
<td>18 in. (450 mm)</td>
</tr>
<tr>
<td>Overall Width</td>
<td>24 in. (600 mm)</td>
<td>24 in. (600 mm)</td>
</tr>
</tbody>
</table>

**Load Point**

<table>
<thead>
<tr>
<th></th>
<th>10 ft. (3.05 m)</th>
<th>15 ft. (4.57 m)</th>
<th>20 ft. (6.10 m)</th>
<th>25 ft. (7.62 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height Over Front</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
</tr>
<tr>
<td>Height Over Side</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
</tr>
</tbody>
</table>

**Lift Charts**

- **Boldface italic** type indicates hydraulic-limited capacities; lightface type indicates stability-limited capacities, in lb. (kg). Ratings are at bucket lift hook, using 1.12-cu.-yd. (0.86 m³) bucket; standard counterweight, situated on firm, level, uniform supporting surface. Figures do not exceed 87 percent of hydraulic capacity or 75 percent of weight needed to tip machine.

**Load Point**

<table>
<thead>
<tr>
<th></th>
<th>10 ft. (3.05 m)</th>
<th>15 ft. (4.57 m)</th>
<th>20 ft. (6.10 m)</th>
<th>25 ft. (7.62 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height Over Front</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
</tr>
<tr>
<td>Height Over Side</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
<td>8,048 (3651)</td>
</tr>
</tbody>
</table>

**Overall Dimensions**

- **200D with 9-ft. 7-in. (2.91 m) arm and 28-in. (700 mm) triple semi-grouser shoes**
  - Overall Width with Triple Semi-Grouser Shoes: 17 ft. 5 in. (5.18 m)
  - Overall Height with Triple Semi-Grouser Shoes: 10 ft. 5 in. (3.18 m)

- **200D LC with 6-ft. 7-in. (2.01 m) arm and 24-in. (600 mm) triple semi-grouser shoes**
  - Overall Width with Triple Semi-Grouser Shoes: 17 ft. 5 in. (5.18 m)
  - Overall Height with Triple Semi-Grouser Shoes: 10 ft. 5 in. (3.18 m)
**Bucket Selection Guide**

**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 included either the John Deere Tanggs, Standard, Tiger, Twin Tiger, Abrasion panel or Flare tooth or the ESCO (Vertalok) Standard, Tiger, Twin Tiger or Flare tooth. Replaceable cutting edges are available through John Deere parts. Optional side cutters add 6 inches (150 mm) to bucket widths. Capacities are SAE heaped ratings.

<table>
<thead>
<tr>
<th>Bucket Size</th>
<th>Type Bucket</th>
<th>Capacity</th>
<th>Weight</th>
<th>Dig Force</th>
<th>Tip Radius No. Teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 cu. yd.</td>
<td>General-Purpose</td>
<td>30 7/16</td>
<td>1.43</td>
<td>28,904</td>
<td>27,806</td>
</tr>
<tr>
<td>2.5 cu. yd.</td>
<td>High Capacity</td>
<td>48 1/4</td>
<td>1.43</td>
<td>28,904</td>
<td>27,806</td>
</tr>
<tr>
<td>2.5 cu. yd.</td>
<td>Heavy-Duty</td>
<td>24 1/4</td>
<td>1.43</td>
<td>28,904</td>
<td>27,806</td>
</tr>
<tr>
<td>2.5 cu. yd.</td>
<td>Ditching</td>
<td>60 1/2</td>
<td>1.14</td>
<td>40,279</td>
<td>128.6</td>
</tr>
</tbody>
</table>

**Contact your John Deere dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less compacted materials, and volume loading applications such as raw excavations, applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications, rocks, and uneven surfaces. Bucket capacity indicated is SAE heaped.**
### 200D / 200D LC EXCAVATORS

**Key:** 🌟 Standard equipment  ❌ Optional equipment

#### 200D / LC Engine
- Certified to EPA Tier 3 emissions
- Auto-idle system
- Automatic belt tension device
- Batteries (two 12 volt), 440-min. reserve capacity
- Coolant recovery tank
- Dual-element dry-type air filter
- Electronic engine control
- Enclosed fan guard (conforms to SAE J1308)
- Engine coolant to ~34°F (~37°C)
- Fuel filter with water separator
- Full-flow oil filter
- Turbocharger with charge air cooler
- Muffler, under hood, with vertical curved end exhaust stack
- Cool-on-demand hydraulic-driven fan
- 500-hour engine oil-change interval
- 100% (45 deg.) off-level capability
- Engine-oil-sampling valve
- Hydraulic fan reverser
- Engine coolant heater
- Direct-drive fan

#### 200D / LC Undercarriage (continued)
- Triple semi-grouser shoes, 24 in. (600 mm)
- Triple semi-grouser shoes, 28 in. (700 mm)
- Triple semi-grouser shoes, 32 in. (800 mm)

#### 200D / LC Upperstructure
- Right- and left-hand mirrors
- Vandal locks with ignition key: Cab door / Fuel cap / Service doors / Toolbox
- Debris-screening side panel
- Remote-mounted engine oil and fuel filters

#### 200D / LC Front Attachments
- Centralized lubrication system
- Dirt seals on all bucket pins
- Less boom and arm
- Oil-impregnated bushings
- Reinforced resin thrust plates
- Tungsten carbide thermal coating on arm-to-bucket joint
- Arm, 7 ft. 11 in. (2.42 m)
- Arm, 9 ft. 7 in. (2.91 m)
- Attachment quick-couplers
- Boom cylinder with plumbing to mainframe for less boom and arm
- Buckets: ditching / heavy duty / heavy-duty high capacity / side cutters and teeth
- Material clamps
- Super-long fronts

#### 200D / LC Operator’s Station (continued)
- Adjustable independent control positions (levers-to-seat, seat-to-pedals)
- AM/FM radio
- Auto climate control/air conditioner, 20,000 Btu/hr. (5.9 kW), with heater and pressurizer
- Built-in operator’s manual storage compartment and manual
- Cell-phone power outlet, 12 volt, 60 watt, 5 amp
- Coat hook
- Deluxe suspension cloth seat with 4-in. (100 mm) adjustable armrests
- Floor mat
- Front windshield wiper with intermittent speeds
- Gauges (illuminated): Engine coolant / Fuel
- Horn, electric
- Hour meter, electric
- Hydraulic shutoff lever, all controls
- Hydraulic warm-up control

*See your John Deere dealer for further information.

### CONTROL OWNING AND OPERATING COSTS

Customer Personal Service (CPS) is part of John Deere’s proactive, fix-before-fail strategy on machine maintenance that will help control costs, increase profits, and reduce stress. Included in this comprehensive lineup of ongoing programs and services are:

- **Fluid analysis program** – tells you what’s going on inside all of your machine’s major components so you’ll know if there’s a problem before you see a decline in performance. Fluid analysis is included in most extended coverage and preventive-maintenance agreements.
- **Component life-cycle data** – gives you vital information on the projected life span of components and lets you make informed decisions on machine maintenance by telling you approximately how many hours of use you can expect from an engine, transmission, or hydraulic pump. This information can be used to preempt catastrophic downtime by servicing major components at about 80 percent of their life cycle.
- **Preventive Maintenance (PM) agreements** – give you a fixed cost for maintaining a machine for a given period of time. They also help you avoid downtime by ensuring that critical maintenance work gets done right and on schedule. On-site preventive maintenance service performed where and when you need it helps protect you from the expense of catastrophic failures and lets you avoid waste-disposal hassles.

**Extended coverage** – gives you a fixed cost for machine repairs for a given period of time so you can effectively manage costs. Whether you work in a severe-service setting or just want to spread the risk of doing business, this is a great way to custom-fit coverage for your operation.

**CPS program** lends a personal quality to Customer Personal Service (CPS). Certified CPSAs have the knowledge and skills for helping make important decisions on machine maintenance and repair. Their mission is to help you implement a plan that’s right for your business and take the burden of machine maintenance off your shoulders.

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**Specifications and design subject to change without notice.** Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on units with 9-ft. 7-in. (2.91 m) arms; 42-in. (1065 mm), 1.19-cu. yd. (9.91 m3), 1.951-lb. (866 kg) heavy-duty buckets; 10,463-lb. (4750 kg) counterweights; full fuel tanks; and 175-lb. (79 kg) operators; and a 200D LC unit with 32-in. (800 mm) triple semi-grouser shoes.