For almost six decades, John Deere motor graders have been building a reputation for outstanding control and effortless grading precision. Thanks to the best ideas of customers like you, we’ve achieved a legacy of industry firsts. Productivity boosters like exclusive automation features on Grade Pro (GP) models. Jobsite-proven dual-joystick controls. And wide-ranging grade-control options from cross slope to fully integrated SmartGrade models. With a tall mainframe that smoothly shoulders large loads and clears obstacles, the 672G/GP’s exceptional balance, optimized performance specs, and reliable capability can help you take grading performance to the next level and your operation in a reimagined new direction.
Precision matters
On six-wheel-drive models precision mode allows the operator to manage a consistent speed via dial switch instead of inching pedal, maximizing productivity in all soil conditions. Six-wheel drive is adjustable on the fly to capably traverse difficult jobsites.

Power that checks and balances
Increased engine horsepower, torque, and blade pull over earlier models produce generous power and lugging ability, to deliver more power to the ground, easily pull through tough spots, or tackle steep hills. John Deere motor graders are designed with optimal weight distribution over each axle, for outstanding balance and grading performance.

Freedom of choice
Our G-Series Graders let you choose how work gets done. On our GP models, opt for fatigue-minimizing dual-joystick controls, choose state-of-the-art electrohydraulic (EH) fingertip armrest controls, or have the best of both worlds with a field kit that allows you to easily swap between the two. Our G models offer conventional lever-operated controls. And based on customer feedback, all models still have a steering wheel.

Count on cross slope
Standard on all GP models, cross slope maintains slopes by automatically adjusting one side of the blade while the operator controls the other. Cross slope can also be operated in "manual mode" as a slope meter. Automated cross slope simplifies holding a consistent slope by reducing operation to a single lever. Both dual-joystick controls and fingertip armrest controls come equipped with cross slope and can be easily upgraded to 3D SmartGrade.

Unlimited grade control
Industry-first John Deere SmartGrade Motor Graders are fully integrated and calibrated from the factory, arriving at your jobsite ready to work. In-cylinder position sensing allows the machine to stay on grade no matter what blade pitch, articulation angle, or circle offset you’re running, without the limitations imposed by masted systems.
Picture yourself here
All-around visibility is virtually unobstructed, with a clear view to the heel and toe as well as behind the moldboard. You can also see the area beneath the front axle, for increased awareness of oncoming obstacles. LCD hi-vis monitor provides intuitive, push-button access to vital machine data displayed via simple, easy-to-navigate icons and menus. High-resolution rearview camera with dedicated in-cab monitor comes standard.

Uptime is everything
All daily service points, including fuel and diesel exhaust fluid (DEF), are grouped on the left side of the machine for convenient ground-level access. On the right, periodic-service points including the engine oil, fuel, hydraulic, transmission, and differential filter bank are within easy reach. Cooling package minus stacked coolers plus hinged swing-out fan simplifies core cleanout. Variable-speed hydraulically driven fan runs only as fast or as often as needed, to conserve power and fuel while reducing noise.

Premium productivity
Featuring a fully sealed bearing and pinion that run smoother and quieter, the industry-leading design of the optional premium circle reduces operating costs while delivering 40-percent more torque and 15-percent more speed than a traditional circle. The premium circle eliminates having to compensate for wear in the circle and improves accuracy when using a grade-control system — especially with John Deere SmartGrade. And greasing intervals of only four zerks every 500 hours make the premium circle essentially maintenance free. Durable dual-input and proven single-input circles are also available.

Precision Construction
From grade management and obstacle detection to product automation features and jobsite intelligence, this suite of construction technology delivers productivity solutions to help you get more done, more efficiently.

John Deere construction equipment comes with in-base connectivity — free from subscriptions or annual renewals. Analyze critical machine data, track utilization, review diagnostic alerts, and more from the John Deere Operations Center™. The Operations Center also enables John Deere Connected Support™, which uses data from thousands of connected machines to proactively address issues before they arise. Your dealer can also remotely monitor machine health, diagnose problems, and even update machine software without a trip to the jobsite.*

*Availability varies by region and product. Options not available in every country.
With Automation Suite including industry-exclusive Auto-Gain for Cross Slope, Auto-Pass, and Auto-Shift PLUS, it’s push-button easy to set yourself apart from your competition. Our automation advantages for all Grade Pro (GP) models are also available as field kits on SmartGrade models:

- **Auto-Shift PLUS** — also available on all G-Series models — allows operators to work without using the inching pedal.

- **Auto-Gain for Cross Slope** automatically adjusts gain settings based on ground speed to maximize performance.

- **Auto-Articulation** lets the operator increase the maneuverability of coordinated steering and articulation while using only the joystick-steering function to steer and operate other necessary functions without manually articulating the machine.

- **Machine-Damage Avoidance** eliminates the risk of blade damage to machine structures during any operation.

- **Auto-Pass** makes grading easy by automatically placing the blade on the ground and activating the grade-control system (when equipped) at the start of the pass, then automatically raising and resetting the blade at the end of it.

- Use **Blade Flip** to automatically mirror the circle to a preset angle.

- Easily prepare the machine for transport with **Machine Presets**. Stow the blade and ripper, turn on the lights including the hazards, and enable Auto-Shift with one push-button press.
## 672G/GP

### 6WD MOTOR GRADER SPECIFICATIONS

<table>
<thead>
<tr>
<th>Engine</th>
<th>672G/GP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer and Model</td>
<td>John Deere PowerTech™ PSS 9.0L</td>
</tr>
<tr>
<td>Non-Road Emission Standard</td>
<td>EPA Final Tier 4/EU Stage V</td>
</tr>
<tr>
<td>Cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Displacement</td>
<td>9.0L (548 cu. in.)</td>
</tr>
<tr>
<td>Net Engine Power</td>
<td>149 kW (200 hp)</td>
</tr>
<tr>
<td>Gear 1</td>
<td>157 kW (210 hp)</td>
</tr>
<tr>
<td>Gear 2</td>
<td>172 kW (230 hp)</td>
</tr>
<tr>
<td>Gear 3</td>
<td>179 kW (240 hp)</td>
</tr>
<tr>
<td>Gear 4</td>
<td>187 kW (250 hp)</td>
</tr>
<tr>
<td>Gear 5</td>
<td>190 kW (255 hp)*</td>
</tr>
<tr>
<td>Net Peak Torque</td>
<td>1292 Nm (953 lb.-ft.)</td>
</tr>
<tr>
<td>Net Torque Rise</td>
<td>10%</td>
</tr>
<tr>
<td>Aspiration</td>
<td>Series turbocharged, charge-air cooled</td>
</tr>
<tr>
<td>Lubrication</td>
<td>Full-flow spin-on filter and integral cooler</td>
</tr>
<tr>
<td>Air Cleaner With Restriction Indicator</td>
<td>Dual element, dry</td>
</tr>
</tbody>
</table>

*6WD not available.

### Cooling

Engine Coolant, Extended Life, Rating –37 deg. C (–34 deg. F)

### Powertrain

#### 6-Wheel Drive

Automatic dual-path hydrostatic drive; increases tractive effort and front-end control; includes separate left and right systems with variable-displacement pumps, axial-piston wheel motors, and freewheel at transport speeds; operator-selectable 15-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels only)

| Effective Gears | 1–7 forward and reverse |
| Effective Gears | 1–3 forward only |
| Operating Speeds | 0.4–8.0 km/h (0.25–5.0 mph) |
| Hydrostatic Pumps (2 each) | 53 cm³ (3.2 cu. in.) |
| Wheel Motors | 57 cm³ (3.5 cu. in.) |
| Final Reduction | 38.7:1 |

#### Transmission

Direct-drive John Deere PowerShift Plus™, modulated shift-on-the-go, Event-Based Shifting (EBS), inching pedal; independent transmission reservoir with separate filtration and cooling system with 117-L/min. (31 gpm) gear pump

<table>
<thead>
<tr>
<th>Gears</th>
<th>Forward</th>
<th>Reverse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forward</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Reverse</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

#### Maximum Travel Speeds

No tire slip at 2,180 rpm, 14.0-R24 tires

| Gear 1 | 4.0 km/h (2.5 mph) |
| Gear 2 | 5.6 km/h (3.5 mph) |
| Gear 3 | 7.7 km/h (4.8 mph) |
| Gear 4 | 10.9 km/h (6.8 mph) |

Front Axle

Heavy-duty welded fabrication

| Oscillation (total) | 32 deg. |
| Wheel Lean Angle (each direction) | 20 deg. |

#### Differentials

Spiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lock

#### Steering (all models include steering wheel)

All-hydraulic power-frame articulation for maneuverability and productivity; crab steering reduces side drift, positions tandems on firm ground, and increases side-slope stability; return-to-straight control included in Grade Pro (GP) option

| Turning Radius (front steer and articulation) | 7.21 m (23 ft. 8 in.) |

#### Articulation (both right and left)

22 deg.

#### Final Drives

Inboard-mounted planetary sealed in cooled, filtered oil

#### Brakes

Foot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independent systems effective on all 4 tandem wheels

| Primary and Secondary Brakes | Hydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3460) |
| Parking Brake | Automatically spring applied, hydraulically released, oil cooled, self-adjusting (ISO 3460) |

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### Hydraulics

<table>
<thead>
<tr>
<th><strong>672G/GP</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
</tr>
<tr>
<td><strong>Maximum Pump Flow</strong></td>
</tr>
<tr>
<td><strong>Maximum System Pressure</strong></td>
</tr>
<tr>
<td><strong>Pump Displacement</strong></td>
</tr>
</tbody>
</table>

### Blade Function

- All-hydraulic, industry-standard lever placement of blade-function controls; includes float position; 7 discrete saddle positions
- **Blade Range**
  - Lift Above Ground: 490 mm (19.3 in.)
  - Blade Side Shift (right or left): 683 mm (26.9 in.)
  - Pitch at Ground Line
    - Forward: 42 deg.
    - Back: 5 deg.
  - Shoulder Reach Outside Wheels (frame straight, right or left): 2083 mm (82.0 in.) (6 ft. 10 in.)
  - Bank Cut Angle (right or left): 90 deg.

### Blade Pull

At Maximum Operating Weight: 22,453 kg (49,500 lb.)

### Electrical

- Solid-state load center and sealed-switch module
- **Voltage**: 24 volt
- **Battery Capacity**: 1,400 CCA
- **Reserve Capacity**: 440 min.
- **Amp-Hour Rating**: 224 amp-hour
- **Alternator Rating**
  - Base: 130 amp
  - Optional: 200 amp

### Mainframe

- **Type**: Welded box construction
- **Width (minimum)**: 307 mm (12.1 in.)
- **Height (minimum)**: 307 mm (12.1 in.)
- **Thickness**
  - Side: 16 mm (0.63 in.)
  - Top and Bottom Plate: 23 mm (0.89 in.)
- **Modulus**
  - Minimum Vertical Section: 1445 cm³ (88 cu. in.)
  - Average Vertical Section at Saddle: 2245 cm³ (137 cu. in.)

### Draft Frame (drawbar)

- Welded box construction machined for flatness with double ball-and-socket pivot connection

### Circle

- Welded construction, heat-treated, machined for flatness
- **Standard Circle**
  - Diameter: 1524 mm (60 in.)
  - Rotation: 360 deg.
  - Surface: Quick-change bronze or nylon wear inserts
  - Pinion/Ring-Gear Connection: Adjustable backlash and open for serviceability
  - Drive: Hydraulic motor and worm gear with positive lock
  - Slip Clutch: Option
  - Circle Side Shift (right and left): 787 mm (31 in.)
- **Premium Circle**
  - Diameter: 1524 mm (60 in.)
  - Rotation: 360 deg.
  - Surface: Sealed and lubricated roller element slewing bearing
  - Pinion/Ring-Gear Connection: No adjustment; fully sealed and lubricated
  - Drive: Hydraulic motor and worm gear with positive lock
  - Slip Clutch: Standard
  - Circle Side Shift (right and left): 787 mm (31 in.)

### Moldboard

- High-strength, pre-stressed for higher strength; wear-resistant, high-carbon steel and reversible end bits; blade side-shift wear system includes quick-change replaceable wear inserts and quick-adjust jackscrew system
- **Base Length**: 3.66 m (11 ft. 11 in.)
- **Height (measured along arc, including cutting edge)**: 610 mm (24 in.)
- **Thickness**: 22 mm (0.88 in.)

---

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### Cutting Edge

| 672G/GP |
|-------------------|-------------------|
| **Dura-Max™** through-hardened steel edge |
| **Thicknes:** 16 mm (0.62 in.) |
| **Width:** 152 mm (6 in.) |

### Scarifiers

<table>
<thead>
<tr>
<th></th>
<th>Front</th>
<th>Mid-mount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>V-type toolbar with 2-pitch positions and hydraulic float</td>
<td></td>
</tr>
<tr>
<td><strong>Width of Cut</strong></td>
<td>1.20 m (48 in.) (4 ft. 0 in.)</td>
<td>1.19 m (46.7 in.) (3 ft. 11 in.)</td>
</tr>
<tr>
<td><strong>Number of Shanks/Teeth</strong></td>
<td>5 (maximum capacity 9)</td>
<td></td>
</tr>
<tr>
<td><strong>Lift Above Ground</strong></td>
<td>589 mm (23.2 in.)</td>
<td></td>
</tr>
<tr>
<td><strong>Maximum Depth</strong></td>
<td>335 mm (13.2 in.)</td>
<td></td>
</tr>
<tr>
<td><strong>Shank</strong></td>
<td>146 mm (5.75 in.)</td>
<td></td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>25 x 76 mm (1 x 3 in.)</td>
<td></td>
</tr>
</tbody>
</table>

### Front Lift Group (Balderson-style)

- Parallel linkage, mechanical pins, and hydraulic float
- Lift
  - Above Ground (top of tube): 1864 mm (73.4 in.)
  - Range: 988 mm (38.9 in.)

### Rear Ripper/Scarifier

- Parallel linkage, with NeverGrease pin joints, hydraulic float, and integrated hitch
  - Ripper: 2.21 m (87.2 in.) (7 ft. 3 in.)
  - Number of Shanks/Teeth: 3 (maximum capacity 5)
  - Lift Above Ground: 602 mm (23.7 in.)
  - Maximum Depth: 426 mm (16.8 in.)
  - Force: 9719 kg (21,426 lb.)
- Scarifier: 2.18 m (86 in.) (7 ft. 2 in.)
  - Number of Shanks/Teeth: None standard (maximum capacity 9)
  - Lift Above Ground: 810 mm (31.9 in.)
  - Maximum Depth: 323 mm (12.7 in.)
  - Force: —
- Shank Size: 61.5 x 133 mm (2.42 x 5.25 in.)

### Operator Station

- Low-profile cab with ROPS (ISO 3471-2008) and FOPS (ISO 3449-2005)

### Tires/Wheels

<table>
<thead>
<tr>
<th></th>
<th>14R24 on 254-mm (10 in.) Rim</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wheel Tread on Ground</strong></td>
<td>2.08 m (82.0 in.)</td>
</tr>
<tr>
<td><strong>Overall Width</strong></td>
<td>2.49 m (98.0 in.)</td>
</tr>
<tr>
<td><strong>Ground Clearance (front axle)</strong></td>
<td>587 mm (23.1 in.)</td>
</tr>
</tbody>
</table>

### Serviceability

<table>
<thead>
<tr>
<th></th>
<th>EPA Final Tier 4/EU Stage V</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Refill Capacities</strong></td>
<td>EPA Tier 3/EU Stage IIIA and EPA Tier 2/EU Stage II</td>
</tr>
<tr>
<td><strong>Fuel Tank</strong></td>
<td>416.5 L (110 gal.)</td>
</tr>
<tr>
<td><strong>Diesel Exhaust Fluid (DEF) Tank</strong></td>
<td>22.5 L (6 gal.)</td>
</tr>
<tr>
<td><strong>Cooling System</strong></td>
<td>55.0 L (14.5 gal.)</td>
</tr>
<tr>
<td><strong>Engine Oil With Filter</strong></td>
<td>28.4 L (7.5 gal.)</td>
</tr>
<tr>
<td><strong>Transmission Fluid</strong></td>
<td>28.4 L (7.5 gal.)</td>
</tr>
<tr>
<td><strong>Differential Housing</strong></td>
<td>38.0 L (10 gal.)</td>
</tr>
<tr>
<td><strong>Tandem Housings (each)</strong></td>
<td>74.0 L (19.5 gal.)</td>
</tr>
<tr>
<td><strong>Circle Gearbox</strong></td>
<td>5.7 L (1.5 gal.)</td>
</tr>
<tr>
<td><strong>Hydraulic Reservoir</strong></td>
<td>60.5 L (16 gal.)</td>
</tr>
</tbody>
</table>

### Operating Weights

- Typical Operating Weight With Front Push Block, Rear Ripper/Scarifier, and Other Equipment
  - **Front:** 6015 kg (13,260 lb.)
  - **Rear:** 13,985 kg (30,832 lb.)
  - **Total:** 20,000 kg (44,092 lb.)

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Option Weights 672G/GP

Moldboards With Through-Hardened Dura-Max Cutting Edge

- 3.66 m x 610 mm x 22 mm (12 ft. x 24 in. x ¾ in.) 0 kg (0 lb.)
- 3.66 m x 610 mm x 22 mm (12 ft. x 24 in. x ¾ in.) With 152-mm x 16-mm (6 in. x ¾ in.) Cutting Edge and 16-mm (½ in.) Hardware 45 kg (99 lb.)
- 3.96 m x 686 mm x 25 mm (13 ft. x 27 in. x 1 in.) 180 kg (396 lb.)
- 3.96 m x 686 mm x 25 mm (13 ft. x 27 in. x 1 in.) With 203-mm x 19-mm (8 in. x ¾ in.) Cutting Edge and 16-mm (½ in.) Hardware 105 kg (231 lb.)
- 4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ¾ in.) 157.4 kg (347 lb.)
- 4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ¾ in.) With 152-mm x 16-mm (6 in. x ¾ in.) Cutting Edge and 16-mm (½ in.) Hardware 251 kg (554 lb.)
- 4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ¾ in.) With 203-mm x 19-mm (8 in. x ¾ in.) Cutting Edge and 16-mm (½ in.) Hardware 261 kg (575 lb.)
- 4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ¾ in.) With 203-mm x 19-mm (8 in. x ¾ in.) Cutting Edge and 16-mm (½ in.) Hardware 90 kg (200 lb.)

Overlay End Bits, Reversible (one pair)
- For 152-mm (6 in.) Cutting Edge 19.5 kg (43 lb.)
- For 203-mm (8 in.) Cutting Edge 23 kg (51 lb.)

Heavy-Duty Dual-Input Circle-Drive Gearbox 14 kg (31 lb.)
Circle-Drive Slip Clutch 9 kg (20 lb.)
Circle Standard 0 kg (0 lb.)
Premium 289 kg (638 lb.)

Moldboard Impact-Absorption System 43 kg (95 lb.)
Ripper/Scarifier, Rear Mounted With Hitch and Ripper Shanks (3) 113 kg (250 lb.)
Scarifier Shanks With Teeth (9 for rear ripper/scarifier) 68 kg (150 lb.)
Ripper Shanks and Teeth (2) 63 kg (139 lb.)

Machine Dimensions

- Height to Top of Cab 3.18 m (10 ft. 6 in.)
- Height to Top of Full-Height Cab 3.40 m (11 ft. 2 in.)
- Height to Top of Exhaust 3.10 m (10 ft. 2 in.)
- Height to Top of Blade-Lift Cylinders 3.05 m (10 ft. 0 in.)
- Tandem Axle Spacing 1.54 m (5 ft. 1 in.)
- Blade Base 2.57 m (8 ft. 5 in.)

Option Weights (continued) 672G/GP

Rear Counterweight With Integral Rear Hitch 727 kg (1,603 lb.)
Rear Hitch 54.4 kg (120 lb.)
Push Block, Front 1338 kg (2,950 lb.)
Scarifier
- Front Mount With Teeth (5) 831 kg (1,813 lb.)
- Mid-Mount With Teeth (11) 141 kg (326 lb.)
Front Lift Group (Balderson-style) 763 kg (1,682 lb.)

Tires

- 14.00-24, 12PR G2 220.4 kg (486 lb.)
- 17.5-25, 12PR G2/L2 106 kg (234 lb.)
- 14.00-R24, Radial, G2/L2 General Purpose 0 kg (0 lb.)
- 14.00-R24, Radial, G2/L2 Snow 40.8 kg (90 lb.)
- 17.5-R25, Radial, L2 General Purpose 15.7 kg (34 lb.)
- 17.5-R25, Radial, G2/L2 Snow 95.3 kg (209 lb.)
- 17.5-R25, Radial, G3/L3 General Purpose 141.5 kg (312 lb.)

Multi-Piece Rims

- 254 mm x 610 mm (10 in. x 24 in.) 0 kg (0 lb.)
- 356 mm x 635 mm (14 in. x 25 in.) 85.3 kg (188 lb.)

Fenders

- Front 99 kg (218 lb.)
- Rear 141 kg (310 lb.)

Low Cab With Opening Front and Side Windows 14.5 kg (32 lb.)
Premium Air-Suspension, Heated Seat With Adjustable Arm- and Headrests 13 kg (28 lb.)

Coolant Heater 4 kg (9 lb.)
Quick Service 11 kg (24 lb.)

Sound-Absorption Package (machines equipped with Tier 3/Stage IIIA and Tier 2/Stage II engines only) 14 kg (31 lb.)

Secondary Steering 26 kg (58 lb.)
Beacon Bracket 8 kg (18 lb.)
Fire Extinguisher 14.5 kg (32 lb.)

Lighting Packages

- 10 Halogen Lights 4.5 kg (10 lb.)
- 18 Halogen Lights 8 kg (18 lb.)
- 18 LED Lights 7 kg (16 lb.)

High-Front Light Bar for Snowplowing 20 kg (44 lb.)
Auxiliary Hydraulic Control Valve Section and Controls 7 kg (15 lb.)

Hydraulics for Front-Mounted Equipment 9 kg (19 lb.)

Machine Dimensions (continued)

- Wheelbase 6.16 m (20 ft. 3 in.)
- Overall Length 8.89 m (29 ft. 2 in.)
- Overall Length With Scarifier 9.69 m (31 ft. 9 in.)
- Overall Length With Push Block and Ripper 9.99 m (32 ft. 9 in.)
- Overall Length With Scarifier and Ripper 10.59 m (34 ft. 9 in.)

For Overall Width see Tires/Wheels on page 8.

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### Additional equipment

**672G/GP Operator’s Station**

- Low-profile ROPS/FOPS cab with HVAC (ROPS ISO 3471 / FOPS SAE 3449 Level II)
- Low-profile ROPS/FOPS cab utilizing laminated glass with fixed lower front and side opening windows
- Opening front and side windows (standard with Grade Pro)
- Keyless start with multiple security modes
- Fabric air-suspension seat with armrests and headrest
- Premium heated, leather/fabric, high-wide-back, air-suspension seat with armrests (standard with Grade Pro)
- Sealed-switch module with function indicators
- Electric rear-window defroster
- Upper front windshield washers with intermittent wipers
- Upper rear windshield washers with intermittent wipers
- Lower front intermittent wiper and washer
- Powered cab precleaner
- Decelator pedal
- Flip-down, right- and/or left-hand cab beacon with bracket
- Cab prewired for beacon, radio, and auxiliary circuit
- Front window sun visor
- Retractable rear sunshade
- Rearview mirrors, exterior (2) (SAE J985)
- Heated exterior mirrors (2) (SAE J985)
- Fire extinguisher
- High-resolution rear camera with dedicated in-cab monitor (in some markets)
- High-resolution front/rear-camera combination with dedicated in-cab monitor
- Retractable seat belt, 76 mm (3 in.) (SAE 386)
- AM/FM radio with auxiliary and Weather Band (WB)
- AM/FM radio with Bluetooth®, auxiliary, and WB ready
- Push-button-activated cruise control

**Key:** ● Standard ▲ Optional or special

**672G/GP Electrical**

- 100-amp alternator (Tier 3/Stage IIIA and Tier 2/Stage II)
- 130-amp alternator (FT4/Stage V [optional for Tier 3/Stage IIIA and Tier 2/Stage II])
- 200-amp alternator (FT4/Stage V)
- Batteries (2), 1,400 CCA with 440-min. reserve capacity
- Left-hand engine compartment service-check light
- Right-hand engine compartment service-check light
- Transporting lights (4 halogen)
- Grading lights (10 halogen lights)
- Deluxe grading lights (18 halogen lights)
- Premium grading lights (18 LED lights)
- Tall front snowplow light bar
- Multifunction/multi-language diagnostic LCD color monitor
- Reverse warning alarm (SAE J994)
- LED brake and turn lights

**Moldboard**

- Patented pre-stressed, high strength, wear resistant:
  - 3.66 m x 610 mm x 22 mm (12 ft. x 24 in. x 7/8 in.)
  - 3.96 m x 686 mm x 25 mm (13 ft. x 27 in. x 1 in.)
  - 4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x 7/8 in.)
  - 4.27 m x 686 mm x 25 mm (14 ft. x 27 in. x 1 in.)
- Quick-change and jackscrew-adjustable moldboard side-shift extreme-duty wear inserts
- 610-mm (24 in.) left- or right-hand extensions for 610-mm (24 in.) moldboard
- Reversible overlay endbits

**Overall Vehicle**

- JDLink™ wireless communication system (available in specific countries; see your dealer for details)
- Ground-level fuel and diesel exhaust fluid (DEF) filling
- Fluid-sampling ports for engine oil and coolant, hydraulic oil, and axle and transmission fluids
- Vandal-protection locking for: Cab doors / Top tank radiator-access door / Engine coolant surge tank / Hydraulic reservoir cap / Battery-disconnect switch / Ground-level electrical master disconnect switch / Fuel-tank door and cap / Toolbox

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249.

No derating is required up to 3050-m (10,000 ft.) altitude. 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 a unit with standard equipment; 14.0 x 610 mm (24 in.) 2 PR G2, Bias tires; and 3.66-m x 610-mm x 22-mm (12 ft. x 24 in. x 7/8 in.) high-strength, wear-resistant moldboards with 16-mm x 610-mm (0.63 in. x 6 in.) Dura-Max™ through-hardened-steel cutting edges. Weights include lubricants, coolants, full fuel tank, and 79-kg (175 lb.) operator.
### 672G/GP Overall Vehicle (continued)

- Environmental drains with hoses for engine, transmission, hydraulic, differential fluids, and engine coolant
- Hydraulically driven cool-on-demand reversing fan
- Banked easy-access vertical spin-on filters for hydraulic, transmission, and axle fluids
- Engine rotary ejector precleaner
- Automatic differential lock
- Engine-stall prevention and auto shutdown
  - Adjustable rotary engine precleaner (FT4/Stage V)
  - Heavy-duty air cleaner (FT4/Stage V)
- Single-input circle drive
- Single-input circle drive with slip clutch
- Heavy-duty dual-input circle drive without slip clutch
- Heavy-duty dual-input circle drive with slip clutch
- Premium circle
- Auto-Shift transmission
- Auto-Shift PLUS transmission
- Blade-impact-absorption system
- Front and/or rear wheel fenders
- Quick-service bank for transmission, hydraulic, engine oil, and engine coolant fluid changes
- Secondary steering
- Sound-absorption package (Tier 3/Stage IIIA and Tier 2/Stage II)
- Wheel chocks

### Automation (standard on SmartGrade™ models, optional on Grade Pro [GP] models)

- Automation Suite
- Auto-Articulation
- Auto-Gain for Cross Slope
- Auto-Pass
- Blade Flip
- Machine Presets
- Machine-Damage Avoidance

### 672G/GP Front Attachments

- Front push block
- V-type front scarifier with float position, 5 shanks
- Mid-mount scarifier with float position, 11 shanks
- Front Balderson-style lift group with float position
- Front-mounted dozer blades

### Rear Attachments

- Full bottom guard with access panel and side guards for rear vehicle protection
- Rear-mounted ripper/scarifier combination with rear hitch and pin, 3 ripper shanks
- Rear counterweight with rear hitch and pin
- Rear hitch and pin
- Extra scarifier shanks (9) with teeth for rear ripper scarifier
- Extra ripper shanks (2) with teeth for rear ripper/scarifier

### Grade Pro [GP] Option

- Low-profile GP cab with opening lower front and side windows
- Low-profile GP cab utilizing laminated glass with fixed lower front and side opening windows
- Premium heated, leather/fabric, high-wide-back, air-suspension seat with armrests
- Dual-joystick controls
- Fingertip armrest-mounted controls including steering lever
- Steering wheel
- Cross slope
- Return to straight

### Grade Control

- SmartGrade available on GP models
- Mast mounts
- Topcon ready available on G and GP models
- Trimble ready available on G and GP models

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