

| Make: | John Deere |
|---------------------------|--------------|
| Model: | 772GP |
| Equipment Type: | Motor Grader |
| Contractor Modifications: | none |

Interstate Approval Conditions

Non-Interstate Approval Conditions

| Approval Type | Crossing Only | Approval Type | Crossing Only |
|---------------------------|-------------------------------|---------------------------|-------------------------------|
| Speed: | no restriction | Speed: | no restriction |
| Weight: | 45,275 lb or less | Weight: | 45,275 lb or less |
| Traffic: | approved with regular traffic | Traffic: | approved with regular traffic |
| Location Restrictions: | remain in painted lane | Location Restrictions: | remain in painted lane |

Comments:

Equipment configuration, weights, and specifications on following pages. Approval does not apply to posted bridges. Other construction equipment is not allowed to operate on or cross bridge at the same time this equipment is on the bridge.









MAKE GRADE AND MOVE AHEAD IN A BIG WAY

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. Jobsiteproven 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 772G/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.



FACTORY EQUIPPED

WITH OPTIONAL SMARTGRADE™

CONFIGURABLE

CONTROL

OPTIONS

FEATURES

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, pushbutton 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 swingout 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.



INTUITIVE AUTOMATION SUITE STREAMLINES MACHINE CONTROL



772G/GP 6WD MOTOR GRADER

PUT INTELLIGENCE TO WORK

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.

772G/GP

| Manufacturer and ModelJohn Dere PowerTech* "PLS 9.0LJohn Dere PowerTech* "PLS 9.0LJohn Dere PowerTech* "PLS 9.0LNon-Road Emission StandardEPA Final Titer 4/EU Stage VEPA Titer 3/EU Stage IIIEPA Titer 3/EU Stage IIINon-Road Emission StandardPA Final Titer 4/EU Stage VEPA Titer 3/EU Stage IIIEPA Titer 3/EU Stage IIIOption Enter State9.0L (548 cu. in.)9.0L (548 cu. in.)9.0L (548 cu. in.)Displacement164 WI (220 hp)105 KWI (220 hp)105 KWI (220 hp)Gear 3105 KWI (220 hp)172 KW (230 hp)172 KW (230 hp)Gear 4197 KWI (250 hp)193 KWI (240 hp)193 KWI (240 hp)Gear 5194 KWI (260 hp)194 KWI (250 hp)194 KWI (250 hp)Gear 6201 KWI (275 hp)201 KWI (275 hp)201 KWI (270 hp)Gear 7205 KWI (275 hp)194 KWI (260 hp)*194 KWI (260 hp)*Net Torque Rise57%57%57%AspirationSeries turbocharged, charge-air cooledTurbocharged, charge-air cooledLubricationFull-flow spin-on filter and integralFull-flow spin-on filter and integralCoolercoolercoolercoolerForque RiseJarge, C1-34 deg. F1Jarge, C1-34 deg. F1PowertaciJarge, C1-34 deg. F1Jarge, C1-34 deg. F1Forkite Gears-1/ Forward and reverseJarge, C1-34 deg. F1Forkite Gears-1/ Forward and reverseJarge, C1-34 deg. F1Forkite Gears-1/ Forward and reverseJarge, C1-34 deg. F1Forkite Gears-1/ Forward and reve | Engine | 772G/GP | | | |
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| "6 WD not available. Cooling Cooling. Cooling. Cooling. Cooling. Cooling. Extended Life, Rating37 deg. C [-34 deg. F] Powertrain 6-Wheel Drive Systems with variable-displacement pumps, axial-piston wheel motors, and freewheel at transport speeds: operator-selectable IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels only IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels only Precision Mode Effective Gears 1–3 forward only Operating Speeds 0.4–8.0 km/h (0.25–5.0 mph) Wheel Motors 60 cm² (3.7 cu. in.) Final Reduction 30.73 Transmission Direct-drive John Deere PowerShift Plus", modulated shift-on-the-go, Event-Based Shifting (EBS), inching pedal; independe transmission reservoir with separate filtration and cooling system with 117-L/min. (31 gpm) gear pump Gears Forward 8 Reverse 8 No tire slip at 2.180 rpm, 14.0-R24 tires No tire slip at 2.180 rpm, 14.0-R24 tires No tire slip at 2.180 rpm, 14.0-R24 tires Forward 6ear 2 5.6 km/h (1.5. mph) Gear 5 16.4 km/h (10.2 mph) Gear 5 16.4 km/h (10.2 mph) Gear 7 32.3 km/h (14.4 mph) Gear 7 32.3 km/h (12.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (12.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 8 11.9 den, 12.9 km/h (2.8 mph) Gear 8 11.9 den, 12.9 km/h (2.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (2.8 mph) Gear 8 11.9 den, 12.9 km/h (2.8 mph) 12.9 km/h (2.8 mph) 13.9 deg, 11.9 den, 12.9 km/h (2.8 mph) 13.9 km/h (2.8 mph) 14.9 draulucally actuated, clutch type can be applied on-the-go. selectable manual or automatic differential lock. 14.1 hydraulucally actuated, clutch type can be applied on-the-go. selectable manual or automatic differential lock. 14.1 hydraulucally actuated, clutch type can be applied on-the-go. selectable manual or automatic differential lock. 14.1 hydraulucally actuated, clutch type can be applied on-the-go. selectable manual or automa | | cooler | cooler | cooler | |
| Engine Coolant, Extended Life, Rating -37 deg. C (-34 deg. F) Powertain 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 IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on) Effective Gears 1-7 forward and reverse Precision Mode Effective Gears 0.4-8,0 km/h (0.25-5.0 mph) Mydrostatic Pumps (2 each) 60 cm ⁻¹ (3.7 cu. in.) Final Reduction 38.7.1 Transmission 60 cm ⁻¹ (3.7 cu. in.) Final Reduction 38.7.1 Transmission reservoir with separate filtration and cooling system with 117-L/min. [3] gpm) gear pump Gears Forward 8 Reverse 8 Maximu Travel Speeds No tire slip at 2,180 rpm, 14.0-R24 tires No tire slip at 2,180 rpm, 14.0-R24 tires Gear 1 0,0 km/h (2,5 mph) Gear 5 16.4 km/h (10,2 mph) Gear 3 17 km/h (4.8 mph) Gear 5 16.4 km/h (10,2 mph) Gear 3 17 km/h (4.8 mph) Gear 6 23.2 km/h (2.3 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 3 7 km/h (4.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.4 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 6 45.5 km/h (2.3 mph) Gear 4 10.9 km/h (6.8 mph) Gear 6 45.5 km/h (2.3 mph) Gear 4 10.9 km/h (6.8 mph) Gear 6 45.5 km/h (2.3 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 32.3 km/h (2.0 mph) Gear 4 10.9 km/h (6.8 mph) Gear 6 45.5 km/h (2.8 mph) Fort Akle Meevey-Guy-Guy-Guy-Guy-Guy-Guy-Guy-Guy- | *6WD not available. | Dual element, dry | Dual element, dry | Dual element, dry | |
| Powertrain 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 IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability down to 0 mph; precision mode (propelled by front wheels on IS-position rotary aggressiveness control and inching capability advertains and cooling system with 117-1/min. [31 gpm] gear pump Gears Fore rease 8 No tire slip at 2,180 rpm, 14,0-R24 tires No tire slip at 2,180 rpm, 14,0-R24 tires No tire slip at 2,180 rpm, 14,0-R24 ti | Cooling | | | | |
| 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 by front wheels motors Effective Gears 1–7 forward and reverse Precision Mode 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) 60 cm² (3.7 cu. in.) Transmission Direct-drive John Deere PowerShift Plus", modulated shift-on-the-go, Event-Based Shifting (EBS), inching pedal; independe transmission reservoir with separate filtration and cooling system with 117-L/min. (31 gpm) gear pump Gears 5 Forward 8 Reverse 8 Maximum Travel Speeds No tire slip at 2,180 rpm, 14.0-R24 tires Gear 1 4.0 km/h (2.5 mph) Gear 5 16.4 km/h (10.2 mph) Gear 2 5.6 km/h 13.5 mph) Gear 6 23.2 km/h (14.4 mph) Gear 7 32.3 km/h (14.4 mph) Gear 3 77 km/h (4.8 mph) Gear 7 32.3 km/h (12.0 mph) Gear 8 45.5 km/h (18.3 mph) Gear 8 45.5 km/h (18.3 mph) Gear 8 45.5 km/h (10.2 mph) Gear 1 3.2 km/h (10.2 mph) | | –37 deg. C (–34 deg. F) | | | |
| systems with variable-displacement pumps, axial-piston wheel motors, and freewheel at transport speeds; operator-selectable is-position torary aggressiveness control and inching capability down to 0 mph; precision mode [propelled by front wheels on Precision Mode Effective Gears 1–3 forward and reverse Precision Mode Operating Speeds 0.4–8.0 km/h [0.25–5.0 mph] Hydrostatic Pumps [2 each] 60 cm² (3.7 cu, in.] Wheel Motors 60 cm² (3.7 cu, in.] Wheel Motors 0.37.1 Transmission 20ret-drive John Deere PowerShift Plus", modulated shift-on-the-go, Event-Based Shifting [EBS], inching pedal; independe transmission 38.7.1 Transmission 20ret-drive John Deere PowerShift Plus", modulated shift-on-the-go, Event-Based Shifting [EBS], inching pedal; independe transmission reservoir with separate filtration and cooling system with 117-L/min. (31 gpm) gear pump Gears Forward 8 Reverse 8 Maximum Travel Speeds No tire slip at 2,180 rpm, 14.0–R24 tires No tire slip at 2,180 rpm, 14.0–R24 tires Gear 1 4.0 km/h (2.5 mph) Gear 6 2.3 2.1 km/h (14.4 mph) Gear 3 7.7 km/h (4.8 mph) Gear 6 2.3 2.1 km/h (14.4 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 4 10.9 km/h (6.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 4 10.9 km/h (2.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 4 10.9 km/h (2.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 4 10.9 km/h (2.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 4 10.9 km/h (2.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 4 10.9 km/h (2.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 5 (1.2 km/h (2.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 4 10.9 km/h (2.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 5 (1.2 km/h (2.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 6 (1.2 km/h (2.8 mph) Gear 7 3.2.3 km/h (20.1 mph) Gear 7 | | | | | |
| Effective Gears1-3 forward onlyOperating Speeds0.4–8.0 km/h (0.25–5.0 mph)Hydrostatic Pumps (2 each)60 cm³ (3.7 cu. in.)Wheel Motors60 cm³ (3.7 cu. in.)Final Reduction38.7:1TransmissionDirect-drive John Deere PowerShift Plus", modulated shift-on-the-go, Event-Based Shifting (EBS), inching pedal; independe transmission reservoir with separate filtration and cooling system with 117-L/min. (31 gpm) gear pumpGears7Forward8Reverse8Maximum Travel SpeedsNo tire slip at 2,180 rpm, 14-0-R24 tiresNo tire slip at 2,180 rpm, 14-0-R24 tiresNo tire slip at 2,180 rpm, 14-0-R24 tiresGear 14.0 km/h (2.5 mph)Gear 5Gear 25.6 km/h (3.5 mph)Gear 6Gear 37.7 km/h (4.8 mph)Gear 6Gear 410.9 km/h (6.8 mph)Gear 7Gear 410.9 km/h (6.8 mph)Gear 8Vheel Lean Angle (each direction)20 deg.Wheel Lean Angle (each direction)20 deg.DifferentialsSpiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lockSteering (all models include atterius firm ground, and increases side-slope stability; return-to-straight control included in Grade Pro (GP) optionTurning Radius (front steer and articulation7.21 m (284 in.) (23 ft. 8 in.)Transmison110 (24 deg.)Front Articulation22 deg.Front Motel12 deg.Transmig110 (24 deg.)Front Steer and articulation7.21 m (284 in | | 15-position rotary aggressiveness control | | | |
| Operating Speeds0.4–8.0 km/h (0.25–5.0 mph)Hydrostatic Pumps (2 each)60 cm³ (3.7 cu. in.)Final Reduction38.7.1TransmissionDirect-drive John Deere PowerShift Plus", modulated shift-on-the-go, Event-Based Shifting (EBS), inching pedal; independe transmission reservoir with separate filtration and cooling system with 117-L/min. (31 gpm) gear pumpGearsForwardReverse8Maximum Travel SpeedsNo tire slip at 2,180 rpm, 14.0-R24 tiresGear 14.0 km/h (2.5 mph)Gear 25.6 km/h (3.5 mph)Gear 37.7 km/h (4.8 mph)Gear 410.9 km/h (16.8 mph)Gear 516.4 km/h (20.1 mph)Gear 62.2.2 km/h (20.1 mph)Gear 732.3 km/h (20.1 mph)Gear 845.5 km/h (28.3 mph)Gear 90.9 km/h (16.8 mph)Gear 10.9 km/h (16.8 mph)Gear 37.7 km/h (4.8 mph)Gear 410.9 km/h (16.8 mph)Oscillation (total)32 deg.Wheel Lean Angle (each direction)20 deg.DifferentialsSpiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lockSteering Meel)tandems on firm ground, and increases side-slope stability; return-to-straight control included in Grade Pro (GP) optionTurning Radius (front steer and articulation (set in ground, and increases side-slope stability; return-to-straight control included in Grade Pro (GP) optionTurning Radius (front steer and articulation (set in ground, and increases side-slope stability; return-to-straight control included in Grade Pro (GP) option< | | | | | |
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| Wheel Motors60 cm³ (3.7 cu. in.)Final Reduction38.7.1TransmissionDirect-drive John Deere PowerShift Plus", modulated shift-on-the-go, Event-Based Shifting (EBS), inching pedal; independe transmission reservoir with separate filtration and cooling system with 117-L/min. (31 gpm) gear pumpGears | | | | | |
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| Transmission Direct-drive John Deere PowerShift Plus'", modulated shift-on-the-go, Event-Based Shifting (EBS), inching pedal; independe transmission reservoir with separate filtration and cooling system with 117-L/min. (31 gpm) gear pump Gears Forward 8 Reverse 8 Maximum Travel Speeds No tire slip at 2,180 rpm, 14.0-R24 tires No tire slip at 2,180 rpm, 14.0-R24 tires Gear 1 4.0 km/h (2.5 mph) Gear 5 16.4 km/h (10.2 mph) Gear 2 5.6 km/h (3.5 mph) Gear 6 23.2 km/h (14.4 mph) Gear 3 7.7 km/h (4.8 mph) Gear 7 32.3 km/h (20.1 mph) Gear 4 10.9 km/h (6.8 mph) Gear 8 45.5 km/h (28.3 mph) Gear 5 Star/h (20.1 mph) Sear 8 45.5 km/h (28.3 mph) Oscillation (total) 32 deg. Sinth (14.4 mph) Oscillation (total) 20 deg. Sinth (28.3 mph) Offerentials Spiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lock Steering wheel) tandems on firm ground, and increases side-slope stability; return-to-straight control included in Grade Pro (GP) option Turning Radius (front steer am 7.21 m (284 in.) (23 ft. 8 in.) Articulation (both right and left) 2 | | | | | |
| transmission reservoir with separate filtration and cooling system with 117-L/min. (31 gpm) gear pumpGearsImage: Second Se | | | | | |
| Forward8Reverse8Maximum Travel SpeedsNo tire slip at 2,180 rpm, 14.0-R24 tiresNo tire slip at 2,180 rpm, 14.0-R24 tiresGear 14.0 km/h (2.5 mph)Gear 516.4 km/h (10.2 mph)Gear 25.6 km/h (3.5 mph)Gear 623.2 km/h (14.4 mph)Gear 37.7 km/h (4.8 mph)Gear 732.3 km/h (20.1 mph)Gear 410.9 km/h (6.8 mph)Gear 845.5 km/h (20.3 mph)Oscillation (total)32 deg.Stering (all models include)32 deg.Wheel Lean Angle (each direction)20 deg.Stering (all models include)All-hydraulically actuated, cluct type can be applied on-the-go; selectable manual or automatic differential lockSteering (all models include)All-hydraulically actuated, selectable run-to-straight control included in Grade Pro (GP) optionTurning Radius (front steer and articulation)2.2 deg.Steering valueSteering valueTurning Radius (front steer and articulation (bth right and left)2.2 deg.Steering valueSteering valueSteering valueBrikeInboard-mounted planetary sealed in cicle oilInboard-mounted planetary sealed in cicle oilStering value oil, bydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independen systems effective on all 4 tandem wheelsFiltered oil, multi-disc (ISO 3450) | Transmission | | | | |
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| Gear 14.0 km/h (2.5 mph)Gear 516.4 km/h (10.2 mph)Gear 25.6 km/h (3.5 mph)Gear 623.2 km/h (14.4 mph)Gear 37.7 km/h (4.8 mph)Gear 732.3 km/h (20.1 mph)Gear 410.9 km/h (6.8 mph)Gear 845.5 km/h (28.3 mph)Front AxleHeavy-duty welded fabrication32 deg.Øscillation (total)32 deg.Sipiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lockSteering (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) optionTurning Radius (front steer and articulation)7.21 m (284 in.) (23 ft. 8 in.)Articulation (both right and left)22 deg.Final DrivesInboard-mounted planetary sealed in cooled, filtered oilBrakes er fort-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independen systems effective on all 4 tandem wheelsPrimary and Secondary BrakesHydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450) | Maximum Travel Speeds | No tire slip at 2,180 rpm, 14.0-R24 tires | | No tire slip at 2,180 rpm, 14.0-R24 tires | |
| Gear 37.7 km/h (4.8 mph)Gear 732.3 km/h (20.1 mph)Gear 410.9 km/h (6.8 mph)Gear 845.5 km/h (28.3 mph)Front AxleHeavy-duty welded fabricationOscillation (total)32 deg.Wheel Lean Angle (each direction)20 deg.DifferentialsSpiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lockSteering (all models includeAll-hydraulic power-frame articulation for maneuverability and productivity; crab steering reduces side drift, positionssteering wheel)tandems on firm ground, and increases side-slope stability; return-to-straight control included in Grade Pro (GP) optionTurning Radius (front steer and articulation)7.21 m (284 in.) (23 ft. 8 in.)Articulation (both right and left)22 deg.Final DrivesInboard-mounted planetary sealed in cooled, filtered oilBrakesFoot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil, systems effective on all 4 tandem wheelsPrimary and Secondary BrakesHydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450) | | 4.0 km/h (2.5 mph) | Gear 5 | 16.4 km/h (10.2 mph) | |
| Gear 410.9 km/h (6.8 mph)Gear 845.5 km/h (28.3 mph)Front AxleHeavy-duty welded fabricationOscillation (total)32 deg.Wheel Lean Angle (each direction)20 deg.DifferentialsSpiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lockSteering (all models includeAll-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) optionTurning Radius (front steer and articulation)7.21 m (284 in.) (23 ft. 8 in.)Frial DrivesInboard-mounted planetary sealed in cooled, filtered oilBrakes primary and Secondary BrakesFoot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, and filtered oil, multi-disc (ISO 3450) | Gear 2 | 5.6 km/h (3.5 mph) | Gear 6 | 23.2 km/h (14.4 mph) | |
| Front AxleHeavy-duty welded fabricationOscillation (total)32 deg.Wheel Lean Angle (each direction)20 deg.DifferentialsSpiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lockSteering (all models includeAll-hydraulic power-frame articulation for maneuverability and productivity; crab steering reduces side drift, positionssteering wheel)tandems on firm ground, and increases side-slope stability; return-to-straight control included in Grade Pro (GP) optionTurning Radius (front steer and articulation)7.21 m (284 in.) (23 ft. 8 in.)Articulation (both right and left)22 deg.Final DrivesInboard-mounted planetary sealed in cooled, filtered oilBrakesFoot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independen systems effective on all 4 tandem wheelsPrimary and Secondary BrakesHydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450) | Gear 3 | 7.7 km/h (4.8 mph) | Gear 7 | 32.3 km/h (20.1 mph) | |
| Front AxleHeavy-duty welded fabricationOscillation (total)32 deg.Wheel Lean Angle (each direction)20 deg.DifferentialsSpiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lockSteering (all models includeAll-hydraulic power-frame articulation for maneuverability and productivity; crab steering reduces side drift, positionssteering wheel)tandems on firm ground, and increases side-slope stability; return-to-straight control included in Grade Pro (GP) optionTurning Radius (front steer and articulation)7.21 m (284 in.) (23 ft. 8 in.)Articulation (both right and left)22 deg.Final DrivesInboard-mounted planetary sealed in cooled, filtered oilBrakesFoot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independen systems effective on all 4 tandem wheelsPrimary and Secondary BrakesHydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450) | Gear 4 | 10.9 km/h (6.8 mph) | Gear 8 | 45.5 km/h (28.3 mph) | |
| Wheel Lean Angle (each direction)20 deg.DifferentialsSpiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lockSteering (all models includeAll-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 7.21 m (284 in.) (23 ft. 8 in.)Turning Radius (front steer and articulation)7.21 m (284 in.) (23 ft. 8 in.)Articulation (both right and left)22 deg.Final DrivesInboard-mounted planetary sealed in cooled, filtered oilBrakesFoot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil, systems effective on all 4 tandem wheelsPrimary and Secondary BrakesHydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450) | Front Axle | | 1 | | |
| Wheel Lean Angle (each direction)20 deg.DifferentialsSpiral bevel; hydraulically actuated, clutch type can be applied on-the-go; selectable manual or automatic differential lockSteering (all models includeAll-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) optionTurning Radius (front steer and articulation)7.21 m (284 in.) (23 ft. 8 in.)Articulation (both right and left)22 deg.Final DrivesInboard-mounted planetary sealed in cooled, filtered oilBrakesFoot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independen systems effective on all 4 tandem wheelsPrimary and Secondary BrakesHydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450) | Oscillation (total) | 32 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 (284 in.) (23 ft. 8 in.) Articulation (both right and left) 22 deg. Inboard-mounted planetary sealed in cooled, filtered oil Brakes Foot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil, both independen 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 3450) | | 5 | | | |
| 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 (284 in.) (23 ft. 8 in.) Articulation (both right and left) 22 deg. Inboard-mounted planetary sealed in cooled, filtered oil Brakes Foot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independen 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 3450) | 2 | | h type can be applied on-the-go; selecta | ble manual or automatic differential lock | |
| steering wheel) 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 (284 in.) (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 independen 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 3450) | | | | | |
| Turning Radius (front steer and articulation) 7.21 m (284 in.) (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 independen 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 3450) | - | | | | |
| 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 independen 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 3450) | Turning Radius (front steer and | | | | |
| 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 independen 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 3450) | | 22 dag | | | |
| Brakes Foot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independen 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 3450) | | 5 | oled filtered oil | | |
| Primary and Secondary Brakes Hydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450) | | Foot-controlled, hydraulically operated, | multiple wet-disc brakes sealed in pressu | rized, cooled, filtered oil; both independent | |
| | Primary and Socondary Prakas | , | | | |
| | | | | | |

| Hydraulics | 772G/GP | |
|---|---|--|
| Туре | Closed-center, pressure-compensated load-sensing (PCI | S) variable-displacement niston nump |
| | | _3), variable-displacement piston pump |
| Maximum Pump Flow | 212 L/min. (56 gpm) | |
| Maximum System Pressure | 18 961 kPa (2,750 psi) | |
| Pump Displacement | 90 cm³ (5.5 cu. in.) | |
| Blade Function | | |
| All-hydraulic, industry-standard lever placer | nent of blade-function controls; includes float position; 7 d | iscrete 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 | 2083 mm (82.0 in.) (6 ft. 10 in.) | |
| | 2083 mm (82.0 in.) (6 ft. 10 in.) | |
| straight, right or left) | | |
| 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 | EPA Final Tier 4/EU Stage V | EPA Tier 3/EU Stage IIIA and EPA Tier 2/EU Stage II |
| Voltage | 24 volt | 24 volt |
| Number of Batteries | 2 | 2 |
| Battery Capacity | 1.400 CCA | 1.400 CCA |
| | 440 min. | 440 min. |
| Reserve Capacity | | |
| Amp-Hour Rating | 224 amp-hour | 224 amp-hour |
| Alternator Rating | | |
| Base | 130 amp | 100 amp |
| Optional | 200 amp | 130 amp |
| Lights | Driving lights; 2 high- and 2 low-beam halogen headlight | s; front and rear LED turn signals and marker lights; LED bral |
| 5 | and hazard warning lights | |
| Mainframe | | |
| Туре | Welded box construction | |
| Width (minimum) | 307 mm (12.1 in.) | |
| | 307 mm (12.1 m.) | |
| Height (minimum) | 507 11111 (12.1 111.) | |
| Thickness | | |
| Side | 16 mm (0.63 in.) | |
| Top and Bottom Plate | 23 mm (0.89 in.) | |
| Modulus | | |
| Minimum Vertical Section | 1770 cm³ (108 cu. in.) | |
| Average Vertical Section at Saddle | 2245 cm ³ (137 cu. in.) | |
| Draft Frame (drawbar) | | |
| Welded box construction machined for flatn | ess with double ball-and-socket pivot connection | |
| Circle | | |
| Welded construction, heat-treated, machine | ad for flatpore | |
| weiden construction, neat-treaten, machine | | Duration Circle |
| | Standard Circle | Premium Circle |
| Circle Diameter | 1524 mm (60 in.) | 1524 mm (60 in.) |
| Rotation | 360 deg. | 360 deg. |
| Surface | Quick-change bronze or nylon wear inserts | Sealed and lubricated roller element slewing bearing |
| Pinion/Ring-Gear Connection | Adjustable backlash and open for serviceability | No adjustment; fully sealed and lubricated |
| Drive | Hydraulic motor and worm gear with positive lock | Hydraulic motor and worm gear with positive lock |
| Slip Clutch | Option | Standard |
| Circle Side Shift (right and left) | 787 mm (31 in.) | 787 mm (31 in.) |
| Moldboard | | |
| | ngth, wear-resistant, high-carbon steel and reversible end b | ite blada sida, shift waar sustan indudes suid, shares |
| 5 5 . 5 | 5 | its, blade side-shift wear system includes quick-change |
| replaceable wear inserts and quick-adjust ja | | |
| Base Length | 3.66 m (144 in.) (12 ft. 0 in.) | |
| Height (measured along arc, including | 610 mm (24 in.) | |
| cutting edge) | | |
| Thickness | 22 mm (0.88 in.) | |
| | | |

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772G/GP

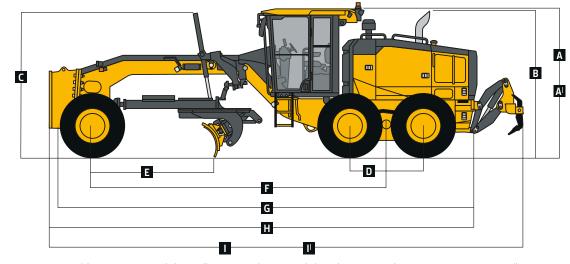
| Cutting Edge | 772G/GP | | | |
|---|---|---------------------|--|---|
| Dura-Max [™] through-hardened steel edge | | | | |
| Thickness | 16 mm (0.62 in.) | | | |
| Width | 152 mm (6 in.) | | | |
| Scarifiers | | | | |
| | Front | | Mid-mount | |
| Туре | V-type toolbar with 2-pitch positions | and hydraulic float | Radial linkage, witl | h NeverGrease™ pin joints; V-type manua |
| 51 | 21 1 | , | | and hydraulic float |
| Width of Cut | 1.20 m (48 in.) (4 ft. 0 in.) | | 1.19 m (46.7 in.) (3 | |
| Number of Shanks/Teeth | 5 (maximum capacity 9) | | 11 | |
| Lift Above Ground | 589 mm (23.2 in.) | | 335 mm (13.2 in.) | |
| Maximum Depth | 335 mm (13.2 in.) | | 325 mm (12.8 in.) | |
| Shank | 555 mm (15.2 m.) | | 525 mm (12.0 m.) | |
| Spacing | 146 mm (5.75 in.) | | 117 mm (4.6 in.) | |
| Size | 25 x 76 mm (1 x 3 in.) | | 25 x 76 mm (1 x 3 ii | n) |
| Front Lift Group (Balderson-style) | 25 × 70 mm (1 × 5 m.) | | 25 × 70 11111 (1 × 5 11 | |
| Parallel linkage, mechanical pins, and hydraul | ic float | | | |
| Lift | ic float | | | |
| Above Ground (top of tube) | 1864 mm (73.4 in.) | | | |
| | 988 mm (38.9 in.) | | | |
| Range Rear Ripper/Scarifier | 960 (50.9 .) | | | |
| | hydraulic float, and integrated hitch | | | |
| Parallel linkage, with NeverGrease pin joints, | | | Scarifier | |
| Width of Cut | <i>Ripper</i> 2.21 m (87.2 in.) (7 ft. 3 in.) | | 2.18 m (86 in.) (7 f | (+ 2 in) |
| | | | | |
| Number of Shanks/Teeth | 3 (maximum capacity 5) | | | aximum capacity 9) |
| Lift Above Ground | 602 mm (23.7 in.) | | 810 mm (31.9 in.) | |
| Maximum Depth | 426 mm (16.8 in.) | | 323 mm (12.7 in.) | |
| Force | | | | |
| Penetration | 9863 kg (21,745 lb.) | | - | |
| Pry-Out | 14 368 kg (31,676 lb.) | | - | |
| Shank Size | 61.5 x 133 mm (2.42 x 5.25 in.) | | 25 x 76 mm (1 x 3 ii | n.) |
| Operator Station | | | | |
| Low-profile cab with ROPS (ISO 3471-2008) a | nd FOPS (ISO 3449-2005) | | | |
| Tires/Wheels | | | | |
| | 14R24 on 254-mm (10 in.) Rim | 17.5R25 on 356-mm | n (14 in.) Rim | 550/65R25 on 432-mm (17 in.) Rim |
| Wheel Tread on Ground | 2.08 m (82.0 in.) | 2.16 m (85.0 in.) | | 2.21 m (87.0 in.) |
| Overall Width | 2.49 m (98.0 in.) | 2.64 m (104.0 in.) | | 2.82 m (111.0 in.) |
| Ground Clearance (front axle) | 587 mm (23.1 in.) | 587 mm (23.1 in.) | | 612 mm (24.1 in.) |
| Serviceability | | | | |
| Refill Capacities | EPA Final Tier 4/EU Stage V | | EPA Tier 3/EU Stag | ge IIIA and EPA Tier 2/EU Stage II |
| Fuel Tank | 416.5 L (110 gal.) | | 416.5 L (110 gal.) | - - |
| Diesel Exhaust Fluid (DEF) Tank | 22.5 L (6 gal.) | | | |
| Cooling System | 55.0 L (14.5 gal.) | | 48.5 L (12.8 gal.) | |
| Engine Oil With Filter | 28.4 L (7.5 gal.) | | 28.0 L (7.4 gal.) | |
| Transmission Fluid | 28.4 L (7.5 gal.) | | 28.4 L (7.5 gal.) | |
| Differential Housing | 38.0 L (10 gal.) | | 38.0 L (10 gal.) | |
| Tandem Housings (each) | 74.0 L (19.5 gal.) | | 74.0 L (19.5 gal.) | |
| Circle Gearbox | 5.7 L (1.5 gal.) | | 5.7 L (1.5 gal.) | |
| Hydraulic Reservoir | 60.5 L (16 gal.) | | 53.0 L (14 gal.) | |
| Operating Weights | 60.5 L (16 gal.) | | 55.0 L (14 gal.) | |
| With Full Fuel Tank, 3.66-m x 610-mm x | | | | |
| | | | | |
| 22-mm (12 ft. x 24 in. x 0.88 in.) Moldboards | | | | |
| With 152-mm x 16-mm (6 in. x ⁵ / ₄ in.) Cutting | | | | |
| Edges, 14R24 L2 Tires, and 79-kg (175 lb.) | | | | |
| Dperator | EPA Final Tier 4/EU Stage V | | | ge IIIA and EPA Tier 2/EU Stage II |
| Front | 4939 kg (10,888 lb.) | | 4944 kg (10,900 ll | |
| Rear | 12 592 kg (27,760 lb.) | | 11 948 kg (26,340 | |
| Total | 17 530 kg (38,648 lb.) | | 16 892 kg (37,240 l | lb.) |
| Typical Operating Weight With Front Push Block, Rear Ripper/Scarifier, and Other | | | | |
| quipment) | | | | |
| Front | 6307 kg (13,905 lb.) | | 6343 kg (13,985 lb | |
| Rear | 14 193 kg (31,290 lb.) | | 13 547 kg (29,865 | |
| | | | | |
| (Total) Maximum Operating Weight | <mark>20 500 kg (45,195 lb.)</mark> 24 948 kg (55,000 lb.) | | 19 890 kg (43,850 24 948 kg (55,000 | |

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| ~ | stern Michaelan | 7726/60 |
|-----|---|-------------------------|
| | tion Weights | 772G/GP |
| | oldboards With Through-Hardened Dura-Max | |
| | tting Edge | $O \ln (O \parallel h)$ |
| | 3.66 m x 610 mm x 22 mm (12 ft. x 24 in. x ½ in.) | 0 kg (0 lb.) |
| | With 152-mm x 16-mm (6 in. x ⁵ / ₄ in.) Cutting Edge | |
| | and 16-mm (% in.) Hardware | |
| | 3.66 m x 610 mm x 22 mm (12 ft. x 24 in. x ⁷ / ₈ in.) | 45 kg (99 lb.) |
| | With 203-mm x 19-mm (8 in. x ¾ in.) Cutting Edge | |
| | and 16-mm (% in.) Hardware | |
| | 3.96 m x 686 mm x 25 mm (13 ft. x 27 in. x 1 in.) | 180 kg (396 lb.) |
| | With 203-mm x 19-mm (8 in. x ¾ in.) Cutting Edge | |
| | and 16-mm (% in.) Hardware | 105 lun (221 lln) |
| | 4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ½ in.) | 105 kg (231 lb.) |
| | With 152-mm x 16-mm (6 in. x ½ in.) Cutting Edge | |
| | and 16-mm (¾ in.) Hardware 4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ¼ in.) | 167 / l/a (2//7 lb) |
| | 4.27 m x 610 mm x 22 mm (14 rt. x 24 in. x % in.) With 203-mm x 19-mm (8 in. x ¾ in.) Cutting Edge | 157.4 kg (347 lb.) |
| | and 16-mm ($\%$ in.) Hardware | |
| | 4.27 m x 686 mm x 25 mm (14 ft. x 27 in. x 1 in.) | 251 kg (554 lb.) |
| | With 203-mm x 19-mm (8 in. x ¾ in.) Cutting Edge | 251 kg (554 lb.) |
| | and 16-mm (% in.) Hardware | |
| | 4.27 m x 686 mm x 25 mm (14 ft. x 27 in. x 1 in.) | 261 kg (575 lb.) |
| | With 203-mm x 19-mm (8 in. x ¾ in.) Cutting Edge | 201 kg (575 lb.) |
| | and 19-mm (¾ in.) Hardware | |
| | tensions, 610 mm (2 ft.) (right or left) | |
| | For Use With 610-mm (24 in.) Moldboards | 116 kg (255 lb.) |
| | For Use With 686-mm (27 in.) Moldboards | 120 kg (265 lb.) |
| | erlay End Bits, Reversible (one pair) | 120 kg (205 101) |
| | For 152-mm (6 in.) Cutting Edge | 19.5 kg (43 lb.) |
| | For 203-mm (8 in.) Cutting Edge | 23 kg (51 lb.) |
| | avy-Duty Dual-Input Circle-Drive Gearbox | 14 kg (31 lb.) |
| | cle-Drive Slip Clutch | 9 kg (20 lb.) |
| Cir | | , ,, |
| | Standard | 0 kg (0 lb.) |
| | Premium | 289 kg (638 lb.) |
| Mo | oldboard Impact-Absorption System | 43 kg (95 lb.) |
| | pper/Scarifier, Rear Mounted With Hitch and Ripper | 1139 kg (2,510 lb.) |
| | anks (3) | J |
| Sca | arifier Shanks With Teeth (9 for rear ripper/scarifier) | 68 kg (150 lb.) |
| | pper Shanks and Teeth (2) | 63 kg (139 lb.) |
| | ar Counterweight With Integral Rear Hitch | 727 kg (1,603 lb.) |
| Ma | achine Dimensions | |
| Α | Height to Top of Cab | 3.18 m (10 ft. 5 in.) |
| A | Height to Top of Full-Height Cab | 3.40 m (11 ft. 2 in.) |
| В | Height to Top of Exhaust | 3.10 m (10 ft. 2 in.) |
| С | | 3.05 m (10 ft. 0 in.) |
| | Tandem Axle Spacing | 1.54 m (5 ft. 1 in.) |
| E | Blade Base | 2.57 m (8 ft. 5 in.) |
| | | |

| Option Weights (continued) | 772G/GP |
|---|------------------------|
| Rear Hitch | 54.4 kg (120 lb.) |
| Push Block, Front | 1338 kg (2,950 lb.) |
| Scarifier | |
| Front Mount With Teeth (5) | 831 kg (1,833 lb.) |
| Mid-Mount With Teeth (11) | 1481 kg (3,265 lb.) |
| Front Lift Group (Balderson-style) | 763 kg (1,682 lb.) |
| Tires | |
| 14.00-24, 12 PR G2 | –220.4 kg (–486 lb.) |
| 17.5-25, 12 PR 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 | 51.7 kg (114 lb.) |
| 17.5-R25, Radial, G2/L2 Snow | 95.3 kg (210 lb.) |
| 17.5-R25, Radial, G3/L3 General Purpose | 141.5 kg (312 lb.) |
| 550/65R25 XLD70 G3/L3 Radial, General Purpose | 495.3 kg (1,092 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.) |
| 432 mm x 635 mm (17 in. x 25 in.) | 131.6 kg (290 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 | 13 kg (28 lb.) |
| Arm- and Headrests | |
| 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 | 2 |
| 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 | |
| Hydraulics for Front-Mounted Equipment | 9 kg (19 lb.) |
| Machine Dimensions (continued) | J |
| F Wheelbase | 6.16 m (20 ft. 3 in.) |
| G Overall Length | 8.89 m (29 ft. 2 in.) |
| H Overall Length With Scarifier | 9.69 m (31 ft. 9 in.) |
| I Overall Length With Push Block and Ripper | 9.99 m (32 ft. 9 in.) |
| I ^I Overall Length With Scarifier and Ripper | 10.59 m (34 ft. 9 in.) |
| For Overall Width see Tires/Wheels on page 8 | |

For Overall Width see Tires/Wheels on page 8.



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Additional equipment

Key: ● Standard ▲ Optional or special See your John Deere dealer for further information.

772G/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
- Decelerator 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
 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])

| 7776/60 | Electrical | / |
|---------|------------|---|
| | | |
| | | |

| | 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 ¾ 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 1⁄8 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 |
| | 610-mm (24 in.) left- or right-hand extensions for 686-mm |
| | (27 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.) 12 PR G2, Bias tires; and 3.66 - m x 610 - mm x 22 - mm (12 ft. x 24 in. x ½ in.) high-strength, wear-resistant moldboards with 16 - mm x 152 - 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.

Additional equipment (continued)

Key: ● Standard ▲ Optional or special See your John Dee

See your John Deere dealer for further information.

772G/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
- Automation Suite
- Auto-Articulation
- ▲ Auto-Gain for Cross Slope
- Auto-Pass
- ▲ Blade Flip
- Machine Presets
- Machine-Damage Avoidance

| 772G/GP | Front Attachments |
|----------|--|
| | Front push block |
| | V-type front scarifier with float position, 5 shanks |
| | Mid-mount scarifier with float position, 11 shanks |
| A | 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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