G-SERIES GWD MOTOR GRADERS

JO:AN DEERE



622G/GP / 672G/GP / 772G/GP / 872G/GP

DECIDE HO WORK GETS DONE







Inspired by thoughts and ideas from you, our customers, our latest G-Series Graders take their proven reputation to the next level. More choices, including our Customer Advocate Group-tested dual-joystick controls. Expanded grade-control system options, including new SmartGrade models with technology integrated directly into the machine to deliver more accurate grading results. And a smaller, more economical machine, the 622G. Existing models boast increased performance, along with a host of proven features to help you boost productivity and maximize uptime while lowering daily operating costs.



WHEN YOU ASK, WE LISTEN: THE 622G GRADER.

Our competitively priced 622G offers contractors, townships, and municipalities the grader they've been asking for. With just the right amount of power and fuel savings of up to 10 percent over our larger models, it's equipped — not stripped — to include many of the same features found on its larger siblings, including a superior cooling package and ground-level service.

DO YOUR LEVEL BEST. BETTER SPECS, MORE OPTIONS HELP IMPROVE YOUR GRADES

With their exceptional balance, improved performance specs, and more maximum capability, G-Series Graders are always right on the money, especially for contractors, counties/municipalities, or land-leveling applications.

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.

More horsepower and torque

Increased engine horsepower, torque, and blade pull produce generous power and lugging ability, to deliver more power to the ground, easily pull through tough spots, or tackle steep hills.

Save fuel with Eco mode

When engaged, Eco mode reduces engine rpm in gears 1–5, optimizing fuel usage and decreasing operating costs by up to 10 percent.

Power for the job

672GP

G-Series Graders deliver the right amount of power, right when you need it. Horsepower and torque are optimized for each gear to maximize performance, no matter your application.

Smarter from day one

Integration into the SmartGrade cabin and structures helps shield key grade-control components such as wire harnesses and sensors from damage and theft. And without external grade-control components to impede maneuverability, finalgrade machines can be involved earlier and more effectively in site development.

Six-wheel drive

Equip these six-wheel-drive models with Precision mode for maximum productivity in all soil conditions. Six-wheel drive is adjustable on the fly to meet changing soil conditions.

DEERE



TAKE CONTROL WITHOUT LIFTING A FINGER



SIZABLE SHIFT

Included on all G and Grade Pro (GP) models with fingertip controls, gate-less shifter builds upon Deere's proven Event-Based Shifting technology to allow operators to directly move the machine from forward to reverse, in any gear, at any time.



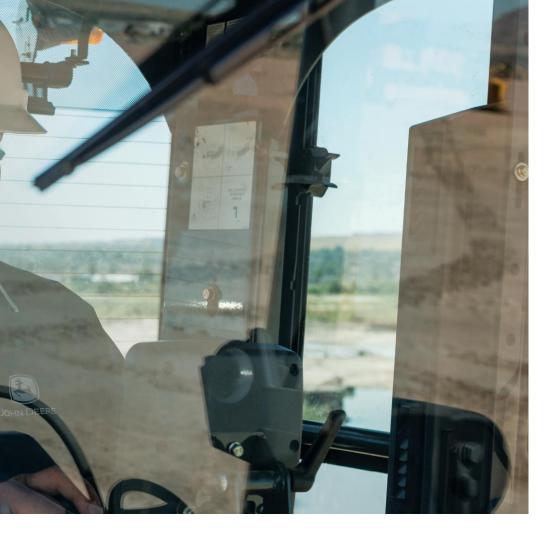
MODEL OF CONTROL

Deere dual-joystick controls, optional on all GP models (not available on G machines), require significantly less wrist motion to articulate the motor grader than competitive joystick controls.



AT YOUR FINGERTIPS

Eight armrest-mounted, fingertipactuated controls, including lever steer, are arranged in the industry-standard pattern on each side of the standard steering wheel. No extra grade-control levers are required. Instead, knobintegrated push buttons provide convenient, fingertip activation.





CHOICE OF CONTROLS:

- DUAL-JOYSTICK CONTROLS (GP MODELS)
- FINGERTIP
 ARMREST MOUNTED
 (GP MODELS)
- CONVENTIONAL LEVER OPERATED (G MODELS)
- STEERING WHEEL (STANDARD ON ALL MODELS)

Our G-Series Graders give you more choice of how work gets done. On our GP models opt for dual-joystick controls or choose state-of-the-art fingertip armrest controls. Or have the best of both worlds — a field kit 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. The choice is yours.

Joystick option

Our dual-joystick option provides intuitive control with minimal hand motion during direction changes and gear shifts. Dual-joystick controls help reduce operator fatigue by eliminating the twisting wrist motion or uncomfortable combinations common to other joystick systems.

Precise control with less fatigue

Instead of twisting the controller, actuate articulation and circlerotate functions using proportional roller switches.

Suite deal

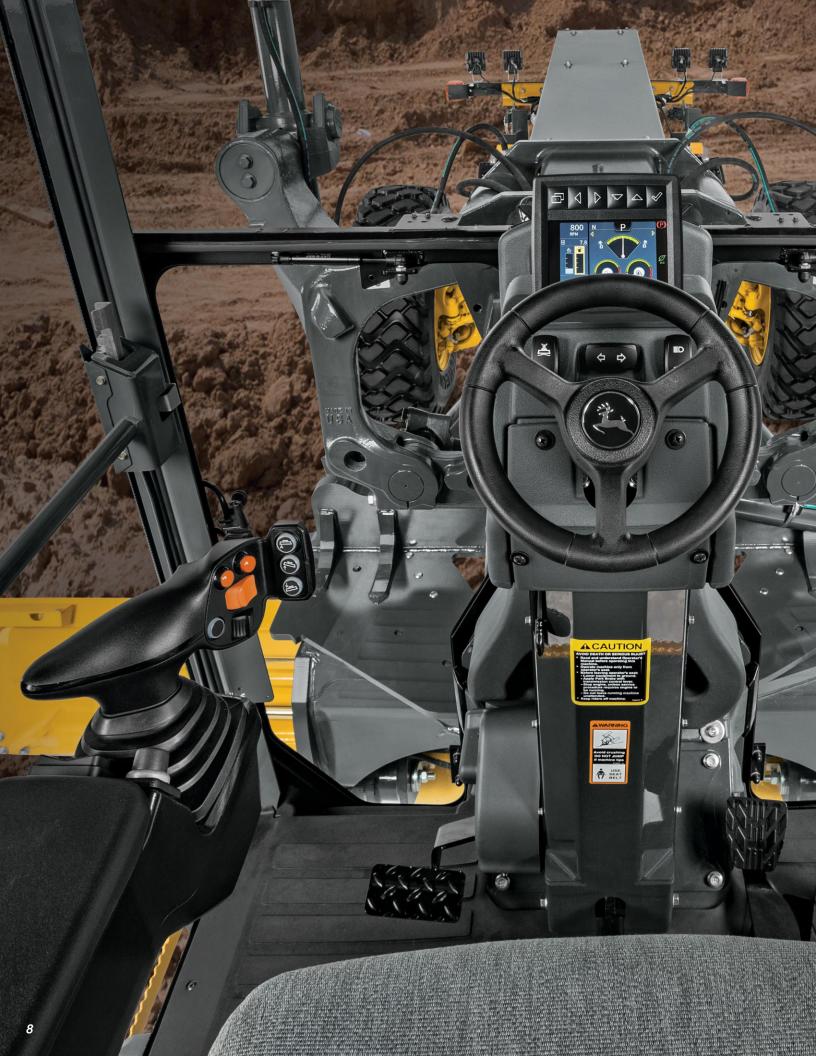
SmartGrade models include a standard Automation Suite (optional on GP models) that streamlines the number of controls needed to perform common tasks. **Auto-Articulation** combines front and rear steering. Use **Blade Flip** to automatically mirror the circle to a preset angle. **Machine Presets** allow operators to activate multiple machine functions, features, and positions with the press of a single button.

Return-to-straight

At the touch of a button, return-tostraight automatically straightens an articulated frame, speeding work cycles.

Automated cross-slope

Both dual-joystick controls and fingertip armrest controls come equipped with cross-slope and are ready to run the grade-control system of your choice. Automated cross-slope simplifies holding a consistent slope by reducing operation to a single lever. It's a GP feature that helps veteran operators be their best and new operators get up to speed more quickly.





LOOK FORWARD TO MORE PRODUCTIVITY.

It's easy to see why G-Series Graders have become a favorite on a wide range of jobsites, with their expansive views, an LCD high-visibility monitor, and smooth gate-less shifting.

Exceptional view

Visibility is virtually unobstructed, with an all-around clear view to the heel and toe, and behind the moldboard. Even the area beneath the front axle is clearly within sight, for greater awareness of oncoming obstacles.

Store your stuff

Generous storage space includes numerous overhead compartments, plus a place for a beverage, cooler, cell phone, and other carry-ons.

Lighting the way

Courtesy lighting stays on after machine shutdown and then automatically turns itself off, making it safer to exit the cab after dark, while conserving battery power.

Easy-access park brake

Sealed-switch module provides push-button control of vital machine functions, including the parking brake, for more convenient access and easier operation.

Streamlined access to vital info

LCD hi-vis monitor provides intuitive, pushbutton access to vital machine data displayed via simple, easy-to-navigate icons and menus.



UPTIME ISN'T EVERYTHING, IT'S THE ONLY THING.

Downtime means lost productivity and profits. Which is why G-Series Graders are loaded with durability-enhancing advantages that help deliver years of trouble-free service. When you know how they're built, you'll run these John Deere.



Easy-to-clean cooling package

Cooling package eliminates stacked coolers. Combined with the hinged swing-out fan, core access is quick and cleaning is easy.

Fuel-efficient, cool-on-demand fan with reversing option

Variable-speed hydraulically driven fan runs only as fast or as often as necessary to keep things cool. Helps conserve power and fuel, while reducing noise. Standard reversible fan (optional on 622G/GP) makes for quick core cleanout in high-debris applications.

Auto shutdown reduces fuel use and wear

Auto shutdown turns off the engine after an operatordetermined idle period, saving fuel and reducing wear on engine, transmission, and hydraulic components.

Multipurpose for your multipurposes

Redesigned heavy-duty front and rear axles combined with increased maximum operating weights enable more versatility and better blade pull for utilizing attachments.

Keep downtime down with JOHN DEERE ULTIMATE UPTIME

John Deere Ultimate Uptime, featuring John Deere WorkSight[™], is a customizable support solution available exclusively from your Deere dealer. This flexible offering maximizes equipment availability with standard John Deere WorkSight capabilities that can help prevent future downtime and speed repairs when needed. In addition to the base John Deere WorkSight features, our dealers work with you to build an uptime package that meets the specific needs of your machine, fleet, project, and business, including customized maintenance and repair agreements, onsite parts availability, extended warranties, fluid sampling, response-time guarantees, and more.

Get valuable insight with JOHN DEERE WORKSIGHT

John Deere WorkSight is an exclusive suite of telematics solutions that increases uptime while lowering operating costs. At its heart, JDLink[™] machine monitoring provides real-time utilization data and alerts to help you maximize productivity and efficiency while minimizing downtime. Remote diagnostics enable your dealer to read codes and record performance data without a trip to the jobsite.

J/2G

TIME TO TAKE SIDES.



Fast, simple ground-level access

All daily service points, including fueling and diesel exhaust fluid (DEF), are grouped on the left side for quick and convenient ground-level access. On the right side, maintenance personnel will appreciate the easy-access hydraulic, transmission, and differential filter bank.







Engine Manufacturer and Model	622G/GP John Deere PowerTech [™] PSS 6.8L	John Deere PowerTech™ Plus 6.8L	John Deere PowerTech™ 6.8L
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
	5	EPA Tier 3/EU Stage IIIA 6	EPA Tier 2/EU Stage II
Cylinders	6 6.8L (414 cu. in.)	-	6 6.8L (414 cu. in.)
Displacement	0.8L (414 cu. In.)	6.8L (414 cu. in.)	6.8L (414 cu. In.)
Net Engine Power			
Gear 1	127 kW (170 hp)	123 kW (165 hp)	123 kW (165 hp)
Gear 2	138 kW (185 hp)	131 kW (175 hp)	134 kW (180 hp)
Gear 3	149 kW (200 hp)	142 kW (190 hp)	138 kW (185 hp)
Gear 4	157 kW (210 hp)	149 kW (200 hp)	138 kW (185 hp)
Gear 5	157 kW (210 hp)*	149 kW (200 hp)*	138 kW (185 hp)*
Gear 6	160 kW (215 hp)*	153 kW (205 hp)*	138 kW (185 hp)*
Gear 7	164 kW (220 hp)*	157 kW (210 hp)*	138 kW (185 hp)*
Gear 8	168 kW (225 hp)*	157 kW (210 hp)*	138 kW (185 hp)*
Net Peak Torque	1035 Nm (763 lbft.)	915 Nm (675 lbft.)	831 Nm (613 lbft.)
Net Torque Rise	43%	36%	44%
Aspiration	Series turbocharged, charge-air cooled	Turbocharged, charge-air cooled	Turbocharged, charge-air cooled
Lubrication	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral coo
Air Cleaner with Restriction Indicator	Dual element, dry	Dual element, dry	Dual element, dry
*6WD not available.			
Cooling			
Engine Coolant, Extended Life, Rating	–37 deg. C (–34 deg. F)		
Powertrain			
6-Wheel Drive	systems with variable-displacement pump	ncreases tractive effort and front-end cont ps, axial-piston wheel motors, and freewhee and inching capability down to 0 mph; preci	el at transport speeds; operator-selectal
Effective Gears	1–4 forward and reverse	5 1 5 1 1	
Precision Mode			
Effective Gears	1–3 forward only		
Operating Speeds	0.4–8.0 km/h (0.25–5.0 mph)		
Hydrostatic Pumps (2 each)	53 cm ³ (3.2 cu. in.)		
Wheel Motors	57 cm ³ (3.5 cu. in.)		
Final Reduction	38.7:1		
Transmission	Direct-drive John Deere PowerShift Plus™	, modulated shift-on-the-go, Event-Based S tion and cooling system with 117-L/min. (31	
Gears		5.7	
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 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)		
Gear 5	16.4 km/h (10.2 mph)		
Gear 6	23.2 km/h (14.4 mph)		
Gear 7	32.3 km/h (20.1 mph)		
Gear 8 Front Axle	45.5 km/h (28.3 mph) Heavy-duty welded fabrication		
Oscillation (total)	32 deg.		
Wheel Lean Angle (each direction)	20 deg.	1 1 10 1 11 1 1 1 1 1 1 1	
Differentials		type can be applied on-the-go; selectable i	
c /		maneuverability and productivity; crab stee	
Steering (all models include steering wheel)	on firm ground, and increases side-slope s	stability, return-to-straight control included	···· -··-··· (-· ,···
steering wheel) Turning Radius (front steer and articulation)	7.21 m (284 in.) (23 ft. 8 in.)	stability, return-to-straight control included	
steering wheel) Turning Radius (front steer and	7.21 m (284 in.) (23 ft. 8 in.) 22 deg.		
steering wheel) Turning Radius (front steer and articulation)	7.21 m (284 in.) (23 ft. 8 in.) 22 deg. Inboard-mounted planetary sealed in cool	led, filtered oil	
steering wheel) Turning Radius (front steer and articulation) Articulation (both right and left)	7.21 m (284 in.) (23 ft. 8 in.) 22 deg. Inboard-mounted planetary sealed in cool		



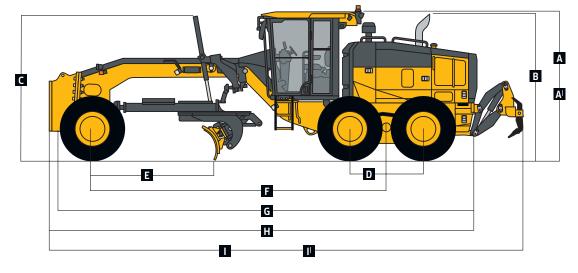


Hydraulics	622G/GP	
Туре	Closed-center, pressure-compensated load-set	nsing (PCLS), variable-displacement piston pump
Maximum Pump Flow	212 L/min. (56 gpm)	
Maximum System Pressure	18 961 kPa (2,750 psi)	
Pump Displacement	90 cm ³ (5.5 cu. in.)	
Blade Function		
All-hydraulic, industry-standard lever placer	nent of blade-function controls; includes float po	sition; 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	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	20 412 kg (45,000 lb.)	
Electrical		
Solid-state load center and sealed-switch		
module	EPA Final Tier 4/EU Stage IV	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	950 CCA
Reserve Capacity	440 min.	190 min.
Amp-Hour Rating	224 amp-hour	110 amp-hour
Alternator Rating		
Base	130 amp	100 amp
Optional	200 amp	130 amp
Lights	1	headlights; front and rear LED turn signals and marker lights; LED brake
Mainframe		
Туре	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 cm ³ (137 cu. in.)	
Draft Frame (drawbar)		
Welded box construction machined for flatm	ess with double ball-and-socket pivot connectior	n equipped with quick-change replaceable wear inserts
Circle		
Welded construction, heat-treated, machine	ed for flatness, equipped with quick-change repla	ceable wear inserts
Circle Diameter	1524 mm (60 in.)	
Rotation	360 deg.	
Drive	Hydraulic motor and worm gear with positive l	ock
Circle Side Shift (right and left)	787 mm (31 in.)	
Moldboard		
		ible end bits; blade side-shift wear system includes quick-change
replaceable wear inserts and quick-adjust ja	ckscrew system	
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.)	
Cutting Edge		
Dura-Max [™] through-hardened steel edge		
Thickness	16 mm (0.62 in.)	
Width	152 mm (6 in.)	

Scarifiers	622G/GP			
Jeanniers	Front		Mid-mount	
Туре	V-type toolbar with manual 2-pitch positions and		Radial linkage, with NeverGrease [™] pin joints; V-type manua	
1990	hydraulic float		3-pitch positions a	
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				
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 in.)	
Front Lift Group (Balderson-style)				
Parallel linkage, mechanical pins, and hydraul	ic 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		Scarifier	
Width of Cut	2.21 m (87.2 in.) (7 ft. 3 in.)		2.18 m (86 in.) (7 f	t. 2 in.)
Number of Shanks/Teeth	3 (maximum capacity 5)		None standard (m	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 at Typical FT4 Weight				
Penetration	9488 kg (20,918 lb.)		-	
Pry-Out	12 358 kg (27,246 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				
	13x24 on 254-mm (10 in.) Rim	14R24 on 254-mm	(10 in.) Rim	17.5R25 on 356-mm (14 in.) Rim
Wheel Tread on Ground	2.08 m (82 in.)	2.08 m (82.0 in.)		2.16 m (85.0 in.)
Overall Width	2.49 m (98 in.)	2.49 m (98.0 in.)		2.64 m (104.0 in.)
Ground Clearance (front axle)	557 mm (21.9 in.)	587 mm (23.1 in.)		587 mm (23.1 in.)
Serviceability				
Refill Capacities	EPA Final Tier 4/EU Stage IV			ge IIIA and EPA Tier 2/EU Stage II
Fuel Tank	416.5 L (110 gal.)		303 L (80 gal.)	
Diesel Exhaust Fluid (DEF) Tank	22.5 L (6 gal.)		-	
Cooling System	51.0 L (13.5 gal.)		44.0 L (11.6 gal.)	
Engine Oil with Filter	31.5 L (8.3 gal.)		26.0 L (6.9 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				
With Full Fuel Tank, 3.66-m x 610-mm x 22-mm (12 ft. x 24 in. x 0.88 in.) Moldboard				
with 152-mm x 16-mm (6 in. x ½ in.) Cutting				
Edges, and 79-kg 175 lb.) Operator	EPA Final Tier 4/EU Stage IV*		EPA Tier 3/ELLSta	ae IIIA and EPA Tier 2/ELI Stage II†
Front	4781 kg (10,540 lb.)		EPA Tier 3/EU Stage IIIA and EPA Tier 2/EU Stage II ⁺ 4844 kg (10,680 lb.)	
Rear	11 984 kg (26,420 lb.)		11 167 kg (24,620 lb	
Total	16 765 kg (36,960 lb.)		16 012 kg (35,300 l	
Typical Operating Weight with Front Push			.5 612 kg (55,500 l	~.,
Block, Rear Ripper/Scarifier, and Other Equipment				
Front	5425 kg (11,960 lb.)		5579 kg (12,300 lb.	.)
Rear	13 653 kg (30,100 lb.)		12 701 kg (28,000 l	
Total	19 078 kg (42,060 lb.)		18 280 kg (40,300	
Maximum Operating Weight	22 680 kg (50,000 lb.)		22 680 kg (50,000	
*With 14R24 L2 tires. / †With 13-24 Bias L2 tire			2 .	

*With 14R24 L2 tires. / †With 13-24 Bias L2 tires.

Option Weights	622G/GP	Option Weights (continued)	622G/GP
Moldboards with Through-Hardened Dura-Max		Tires	
Cutting Edge		13.00-24, 12 PR G2	–306 kg (–675 lb.)
3.66 m x 610 mm x 22 mm (12 ft. x 24 in. x ½ in.)	0 kg (0 lb.)	14.00-24, 12 PR G2	– 220.4 kg (– 486 lb.)
with 152-mm x 16-mm (6 in. x ⅔ in.) cutting edge		17.5-25, 12 PR G2/L2	– 106 kg (– 234 lb.)
and 16-mm (¾ in.) hardware		14.00-R24, Radial, G2/L2 General Purpose	0 kg (0 lb.)
3.66 m x 610 mm x 22 mm (12 ft. x 24 in. x ½ in.)	45 kg (99 lb.)	14.00-R24, Radial, G2/L2 Snow	40.8 kg (90 lb.)
with 203-mm x 19-mm (8 in. x ¾ in.) cutting edge		17.5-R25, Radial, L2 General Purpose	51.7 kg (114 lb.)
and 16-mm (¾ in.) hardware		17.5-R25, Radial, G2/L2 Snow	95.3 kg (210 lb.)
4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ½ in.)	105 kg (231 lb.)	17.5-R25, Radial, G3/L3 General Purpose	141.5 kg (312 lb.)
with 152-mm x 16-mm (6 in. x 5⁄8 in.) cutting edge	-	Multi-Piece Rims	2
and 16-mm (¾ in.) hardware		254 mm x 610 mm (10 in. x 24 in.)	0 kg (0 lb.)
4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ½ in.)	157.4 kg (347 lb.)	356 mm x 635 mm (14 in. x 25 in.)	85.3 kg (188 lb.)
with 203-mm x 19-mm (8 in. x ¾ in.) cutting edge		Fenders	5
and 16-mm (¾ in.) hardware		Front	77 kg (169 lb.)
Extensions, 610 mm (2 ft.) (right or left)		Rear	141 kg (310 lb.)
For Use with 610-mm (24 in.) Moldboards	116 kg (255 lb.)	Low Cab with Opening Front and Side Windows	14.5 kg (32 lb.)
Overlay End Bits, Reversible (one pair)		Premium Air-Suspension, Heated Seat with Adjustable	13 kg (28 lb.)
For 152-mm (6 in.) Cutting Edge	19.5 kg (43 lb.)	Arm- and Headrests	5
For 203-mm (8 in.) Cutting Edge	23 kg (51 lb.)	Coolant Heater	4 kg (9 lb.)
Circle-Drive Slip Clutch	9 kg (20 lb.)	Quick Service	11 kg (24 lb.)
Moldboard Impact-Absorption System	43 kg (95 lb.)	Sound-Absorption Package (machines equipped with	14 kg (31 lb.)
Ripper, 3 Shank, No Scarifier	1052 kg (2,319 lb.)	Tier 3/Stage IIIA and Tier 2/Stage II engines only)	-
Ripper/Scarifier, Rear Mounted with Hitch and Ripper	1139 kg (2,510 lb.)	Secondary Steering	26 kg (58 lb.)
Shanks (3)	-	Beacon Bracket	8 kg (18 lb.)
Scarifier Shanks with Teeth (9 for rear ripper/scarifier)	68 kg (150 lb.)	Fire Extinguisher	14.5 kg (32 lb.)
Rear Counterweight with Integral Rear Hitch	727 kg (1,603 lb.)	Lighting Packages	
Rear Hitch	54.4 kg (120 lb.)	10 Halogen Lights	4.5 kg (10 lb.)
Push Block, Front	907 kg (2,000 lb.)	16 Halogen Lights	7 kg (16 lb.)
Scarifier		18 Halogen Lights	8 kg (18 lb.)
Front Mount with Teeth (5)	831 kg (1,833 lb.)	High-Front Light Bar for Snowplowing	20 kg (44 lb.)
Mid-Mount with Teeth (11)	1481 kg (3,265 lb.)	Auxiliary Hydraulic Control Valve Section and Controls	7 kg (15 lb.)
Front Lift Group (Balderson-style)	763 kg (1,682 lb.)	Hydraulics for Front-Mounted Equipment	9 kg (19 lb.)
Machine Dimensions		Machine Dimensions (continued)	
A Height to Top of Cab	3.18 m (10 ft. 5 in.)	F Wheelbase	6.16 m (20 ft. 3 in.)
A ^I Height to Top of Full-Height Cab	3.40 m (11 ft. 2 in.)	G Overall Length	8.89 m (29 ft. 2 in.)
B Height to Top of Exhaust (9.0L engine)	3.10 m (10 ft. 2 in.)	H Overall Length with Scarifier	9.69 m (31 ft. 9 in.)
C Height to Top of Blade-Lift Cylinders	3.05 m (10 ft. 0 in.)	I Overall Length with Push Block and Ripper	9.99 m (32 ft. 9 in.)
D Tandem Axle Spacing	1.54 m (5 ft. 1 in.)	I Overall Length with Scarifier and Ripper	10.59 m (34 ft. 9 in.)
E Blade Base	2.57 m (8 ft. 5 in.)	For Overall Width see Tires/Wheels on page 16.	





57/2G/GP SPECIFICATIONS

Engine	672G/GP				
Manufacturer and Model	John Deere PowerTech™ PSS 9.0L	John Deere PowerTech™ Plus 9.0L	John Deere PowerTech™ 9.0L	John Deere PowerTech Plus 6.8L	John Deere PowerTec 6.8L
Non-Road Emission Standard	EPA Final Tier 4/ EU Stage IV	EPA Tier 3/EU Stage IIIA	EPA Tier 2/EU Stage II	EPA Tier 3/EU Stage IIIA	EPA Tier 2/EU Stage I
Cylinders	6	6	6	6	6
Displacement	9.0L (548 cu. in.)	9.0L (548 cu. in.)	9.0L (548 cu. in.)	6.8L (414 cu. in.)	6.8L (414 cu. in.)
Net Engine Power					
Gear 1	142 kW (190 hp)	138 kW (185 hp)	138 kW (185 hp)	131 kW (175 hp)	131 kW (175 hp)
Gear 2	153 kW (205 hp)	149 kW (200 hp)	149 kW (200 hp)	134 kW (180 hp)	134 kW (180 hp)
Gear 3	164 kW (220 hp)	160 kW (215 hp)	160 kW (215 hp)	146 kW (195 hp)	138 kW (185 hp)
Gear 4	172 kW (230 hp)	168 kW (225 hp)	168 kW (225 hp)	153 kW (205 hp)	138 kW (185 hp)
Gear 5	175 kW (235 hp)	172 kW (230 hp)	172 kW (230 hp)	149 kW (200 hp)*	138 kW (185 hp)*
Gear 6	183 kW (245 hp)	179 kW (240 hp)	179 kW (240 hp)	153 kW (205 hp)*	138 kW (185 hp)*
Gear 7	190 kW (255 hp)	187 kW (250 hp)	187 kW (250 hp)	157 kW (210 hp)*	138 kW (185 hp)*
Gear 8	183 kW (245 hp)*	179 kW (240 hp)*	179 kW (240 hp)*	160 kW (215 hp)*	138 kW (185 hp)*
Net Peak Torque	1273 Nm (939 lbft.)	1248 Nm (920 lbft.)	1248 Nm (920 lbft.)	915 Nm (675 lbft.)	831 Nm (613 lbft.)
Net Torque Rise	54%	54%	54%	33%	44%
Aspiration	Series turbocharged,	Turbocharged, charge-	Turbocharged, charge-	Turbocharged, charge-	Turbocharged, charge
	charge-air cooled	air cooled	air cooled	air cooled	air cooled
Lubrication	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral cooler	Full-flow spin-on filte and integral cooler
Air Cleaner with Restriction Indicator *6WD not available.	Dual element, dry	Dual element, dry	Dual element, dry	Dual element, dry	Dual element, dry
Cooling					
Engine Coolant, Extended Life, Rating	–37 deg. C (–34 deg. F)				
Powertrain					
6-Wheel Drive	systems with variable-di 15-position rotary aggres	splacement pumps, axial- ssiveness control and inchi	piston wheel motors, and ng capability down to 0 m	end control; includes sepa freewheel at transport spe ph; precision mode (prope	eds; operator-selectab
Effective Gears	I–/ forward and reverse	(9.0L engines) / 1–4 forw	ard and reverse (6.8L engi	ines)	
Precision Mode		(9.0L engines) / 1–4 forw	ard and reverse (6.8L engi	ines)	
Precision Mode Effective Gears	1–3 forward only		ard and reverse (6.8L eng	ines)	
Precision Mode Effective Gears Operating Speeds	1–3 forward only 0.4–8.0 km/h (0.25–5.0		ard and reverse (6.8L eng	ines)	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.)		ard and reverse (6.8L eng	ines)	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1	mph)			
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere	mph) PowerShift Plus™, modula	ted shift-on-the-go, Even	ines) t-Based Shifting (EBS), inc L/min. (31 gpm) gear pum	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w	mph) PowerShift Plus™, modula	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w	mph) PowerShift Plus™, modula	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8	mph) PowerShift Plus™, modula ⁄ith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 No tire slip at 2,180 rpm,	mph) PowerShift Plus™, modula ⁄ith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 No tire slip at 2,180 rpm, 4.0 km/h (2.5 mph)	mph) PowerShift Plus™, modula ⁄ith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm</i> , 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph)	mph) PowerShift Plus™, modula ⁄ith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm</i> , 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph)	mph) PowerShift Plus™, modula ⁄ith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm</i> , 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph)	mph) PowerShift Plus™, modula ⁄ith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 5	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm</i> , 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph)	mph) PowerShift Plus™, modula ⁄ith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm,</i> 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph)	mph) PowerShift Plus™, modula ⁄ith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm,</i> 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph)	mph) PowerShift Plus™, modula ⁄ith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 5 Gear 6 Gear 7 Gear 8	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm,</i> 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph)	mph) PowerShift Plus [™] , modula vith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm,</i> 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabr	mph) PowerShift Plus [™] , modula vith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total)	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm,</i> 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 10.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabr 32 deg.	mph) PowerShift Plus [™] , modula vith separate filtration and	ted shift-on-the-go, Even	t-Based Shifting (EBS), inc	
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 4 Gear 5 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction)	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 No tire slip at 2,180 rpm, 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 10.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabr 32 deg. 20 deg. Spiral bevel; hydraulicall	mph) PowerShift Plus [™] , modula vith separate filtration and 14.0-R24 tires	ted shift-on-the-go, Even d cooling system with 117- an be applied on-the-go; s	t-Based Shifting (EBS), inc L/min. (31 gpm) gear pum selectable manual or autor	p matic differential lock
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 3 Gear 4 Gear 3 Gear 4 Gear 5 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include steering wheel)	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm,</i> 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabr 32 deg. 20 deg. Spiral bevel; hydraulicall All-hydraulic power-frar tandems on firm ground	mph) PowerShift Plus [™] , modula ith separate filtration and <i>14.0-R24 tires</i> fication y actuated, clutch type can ne articulation for maneu l, and increases side-slope	ted shift-on-the-go, Even d cooling system with 117- an be applied on-the-go; s verability and productivit	t-Based Shifting (EBS), inc L/min. (31 gpm) gear pum	p matic differential lock de drift, positions
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 3 Gear 4 Gear 5 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm,</i> 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabr 32 deg. 20 deg. Spiral bevel; hydraulicall All-hydraulic power-frar	mph) PowerShift Plus [™] , modula ith separate filtration and <i>14.0-R24 tires</i> fication y actuated, clutch type can ne articulation for maneu l, and increases side-slope	ted shift-on-the-go, Even d cooling system with 117- an be applied on-the-go; s verability and productivit	t-Based Shifting (EBS), inc L/min. (31 gpm) gear pum selectable manual or autor y; crab steering reduces si	p matic differential lock de drift, positions
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 3 Gear 4 Gear 5 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include steering wheel) Turning Radius (front steer and	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm,</i> 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabr 32 deg. 20 deg. Spiral bevel; hydraulicall All-hydraulic power-frar tandems on firm ground	mph) PowerShift Plus [™] , modula ith separate filtration and <i>14.0-R24 tires</i> fication y actuated, clutch type can ne articulation for maneu l, and increases side-slope	ted shift-on-the-go, Even d cooling system with 117- an be applied on-the-go; s verability and productivit	t-Based Shifting (EBS), inc L/min. (31 gpm) gear pum selectable manual or autor y; crab steering reduces si	p matic differential lock de drift, positions
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 3 Gear 4 Gear 5 Gear 6 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include steering wheel) Turning Radius (front steer and articulation)	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm</i> , 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabr 32 deg. 20 deg. Spiral bevel; hydraulicall All-hydraulic power-frant tandems on firm ground 7.21 m (284 in.) (23 ft. 8 22 deg. Inboard-mounted plane	mph) PowerShift Plus [™] , modula vith separate filtration and . 14.0-R24 tires . 14.0-R24 tires	ted shift-on-the-go, Even d cooling system with 117- an be applied on-the-go; s verability and productivit e stability; return-to-strai	t-Based Shifting (EBS), inc L/min. (31 gpm) gear pum selectable manual or autor y; crab steering reduces si ght control included in Gra	matic differential lock de drift, positions ade Pro (GP) option
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 3 Gear 4 Gear 5 Gear 6 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include steering wheel) Turning Radius (front steer and articulation (both right and left)	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm</i> , 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabr 32 deg. 20 deg. Spiral bevel; hydraulicall All-hydraulic power-frant tandems on firm ground 7.21 m (284 in.) (23 ft. 8 22 deg. Inboard-mounted plane	mph) PowerShift Plus [™] , modula vith separate filtration and 14.0-R24 tires ication y actuated, clutch type can ne articulation for maneu I, and increases side-slope in.) tary sealed in cooled, filted	ted shift-on-the-go, Even d cooling system with 117- an be applied on-the-go; s verability and productivit e stability; return-to-strai	t-Based Shifting (EBS), inc L/min. (31 gpm) gear pum selectable manual or autor y; crab steering reduces si	matic differential lock de drift, positions ade Pro (GP) option
Precision Mode Effective Gears Operating Speeds Hydrostatic Pumps (2 each) Wheel Motors Final Reduction Transmission Gears Forward Reverse Maximum Travel Speeds Gear 1 Gear 2 Gear 3 Gear 4 Gear 3 Gear 4 Gear 5 Gear 6 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include steering wheel) Turning Radius (front steer and articulation (both right and left) Final Drives	1–3 forward only 0.4–8.0 km/h (0.25–5.0 53 cm ³ (3.2 cu. in.) 57 cm ³ (3.5 cu. in.) 38.7:1 Direct-drive John Deere transmission reservoir w 8 8 8 <i>No tire slip at 2,180 rpm</i> , 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabr 32 deg. 20 deg. 5piral bevel; hydraulicall All-hydraulic power-frar tandems on firm ground 7.21 m (284 in.) (23 ft. 8 22 deg. Inboard-mounted plane Foot-controlled, hydrau systems effective on all	mph) PowerShift Plus [™] , modula vith separate filtration and ith separate filtratity and ith separate filtratity	ted shift-on-the-go, Even d cooling system with 117- an be applied on-the-go; s verability and productivit e stability; return-to-strai ered oil wet-disc brakes sealed in p	t-Based Shifting (EBS), inc L/min. (31 gpm) gear pum selectable manual or autor y; crab steering reduces si ght control included in Gra	matic differential lock de drift, positions ade Pro (GP) option ed oil; both independer



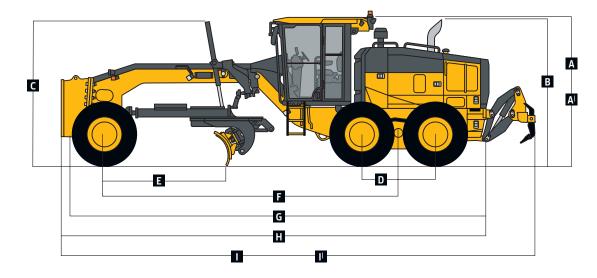


Hydraulics	672G/GP	
Туре	Closed-center, pressure-compensated load-sensing (PCLS), variable-displacement piston pump
Maximum Pump Flow	212 L/min. (56 gpm)	
Maximum System Pressure	18 961 kPa (2,750 psi)	
Pump Displacement	90 cm³ (5.5 cu. in.)	
Blade Function		
All-hydraulic, industry-standard lever placer	nent of blade-function controls; includes float position; 7 dis	crete 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.)	
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 IV	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
Reserve Capacity	440 min.	440 min.
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 headlights; and hazard warning lights	front and rear LED turn signals and marker lights; LED brake
Mainframe		
Туре	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 flatr	ess with double ball-and-socket pivot connection equipped v	with quick-change replaceable wear inserts
Circle		
Welded construction, heat-treated, machine	ed for flatness, equipped with quick-change replaceable wear	inserts
Circle Diameter	1524 mm (60 in.)	
Rotation	360 deg.	
Drive	Hydraulic motor and worm gear with positive lock	
Circle Side Shift (right and left)	787 mm (31 in.)	
Moldboard		
	ngth; wear-resistant, high-carbon steel and reversible end bit	s; 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.)	
Cutting Edge		
Cutting Edge Dura-Max [™] through-hardened steel edge		
Cutting Edge	16 mm (0.62 in.) 152 mm (6 in.)	

Scarifiers	672G/GP			
Scattificts	Front		Mid-mount	
Туре	V-type toolbar with manual 2-pitch po	sitions and	Radial linkage, with NeverGrease [™] pin joints; V-type manua	
туре	hydraulic float		3-pitch positions and	
Width of Cut	1.20 m (48 in.) (4 ft. 0 in.)		1.19 m (46.7 in.) (3 ft.	
Number of Shanks/Teeth	5 (maximum capacity 9)		1.15 III (40.7 III.) (5 II.	11 111.)
	589 mm (23.2 in.)			
Lift Above Ground			335 mm (13.2 in.)	
Maximum Depth	335 mm (13.2 in.)		325 mm (12.8 in.)	
Shank				
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 in.)	
Front Lift Group (Balderson-style)				
Parallel linkage, mechanical pins, and hydrau	ic 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		Scarifier	
Width of Cut	2.21 m (87.2 in.) (7 ft. 3 in.)		2.18 m (86 in.) (7 ft. 2	
Number of Shanks/Teeth	3 (maximum capacity 5)		None standard (maxi	imum 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 at Typical FT4 Weight				
Penetration	9712 kg (21,411 lb.)		-	
Pry-Out	13 671 kg (30,139 lb.)		-	
Shank Size	61.5 x 133 mm (2.42 x 5.25 in.)		25 x 76 mm (1 x 3 in.)	
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 (14 in.) Rim
Wheel Tread on Ground	2.08 m (82.0 in.)		2.16 m (85.0 in.)	
Overall Width	2.49 m (98.0 in.)		2.64 m (104.0 in.)	
Ground Clearance (front axle)	587 mm (23.1 in.)		587 mm (23.1 in.)	
Serviceability				
,	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stad	ge IIIA and EPA Tier 2/E	U Staae II
Refill Capacities	9.0L engine	9.0L engine		6.8L engine
Fuel Tank	416.5 L (110 gal.)	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.)	1	44 L (11.6 gal.)
Engine Oil with Filter	28.4 L (7.5 gal.)	28.0 L (7.4 gal.)		26.0 L (6.9 gal.)
Transmission Fluid	28.4 L (7.5 gal.)	28.4 L (7.5 gal.)		28.4 L (7.5 gal.)
Differential Housing	38.0 L (10 gal.)	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.)		74.0 L (19.5 gal.)
Circle Gearbox	5.7 L (1.5 gal.)	5.7 L (1.5 gal.)		5.7 L (1.5 gal.)
Hydraulic Reservoir	60.5 L (16 gal.)	53.0 L (14 gal.)		53.0 L (14 gal.)
Operating Weights	00.5 E (10 gui.)	55.0 E (14 gui.)		
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 ½ in.) Cutting				
Edges, 14R24 L2 Tires, and 79-kg 175 lb.)				
	EDA Final Tior (/ /ELL Stage IV/		EDA Tion 2/ELL Stand	IIIA and EDA Tion 2/EULStage II
Operator	EPA Final Tier 4/EU Stage IV			IIIA and EPA Tier 2/EU Stage II
Front	4821 kg (10,629 lb.)		4826 kg (10,640 lb.) 11 814 kg (26,045 lb.)	
Rear	12 295 kg (27,106 lb.)		J · · ·	1
Total	17 116 kg (37,734 lb.)		16 640 kg (36,685 lb.	.1
Typical Operating Weight with Front Push				
Block, Rear Ripper/Scarifier, and Other				
Equipment				
Front	6001 kg (13,230 lb.)		5970 kg (13,162 lb.)	
Rear	13 975 kg (30,810 lb.)		13 330 kg (29,388 lb.)	
Total	19 976 kg (44,040 lb.)		19 300 kg (42,550 lb.	
Maximum Operating Weight	24 948 kg (55,000 lb.)		24 948 kg (55,000 lb	i.)

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 ¼ in.)	0 kg (0 lb.)
with 152-mm x 16-mm (6 in. x 5⁄8 in.) cutting edge	
and 16-mm (½ 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 ³ / ₄ in.) cutting edge	
and 16-mm (½ in.) hardware 3.66 m x 686 mm x 25 mm (12 ft. x 27 in. x 1 in.)	
with 203-mm x 19-mm (8 in. x ³ / ₄ in.) cutting edge	126 kg (277 lb.)
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 ³ / ₄ in.) cutting edge	100 kg (550 ks.)
and 16-mm (¾ in.) hardware	
4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ¾ in.)	105 kg (231 lb.)
with 152-mm x 16-mm (6 in. x ¾ in.) cutting edge	
and 16-mm (5% in.) hardware	
4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ⁷ / ₈ in.)	157.4 kg (347 lb.)
with 203-mm x 19-mm (8 in. x ³ / ₄ in.) cutting edge	
and 16-mm (% in.) hardware 4.27 m x 686 mm x 25 mm (14 ft. x 27 in. x 1 in.)	
with 203-mm x 19-mm (8 in. x ³ / ₄ 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	5.
and 19-mm (¾ in.) hardware	
Extensions, 610 mm (2 ft.) (right or left)	
For Use with 610-mm (24 in.) Moldboards	116 kg (255 lb.)
	5
For Use with 686-mm (27 in.) Moldboards	120 kg (265 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair)	120 kg (265 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge	120 kg (265 lb.) 19.5 kg (43 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch Moldboard Impact-Absorption System	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.) 43 kg (95 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.) 43 kg (95 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch Moldboard Impact-Absorption System Ripper/Scarifier, Rear Mounted with Hitch and Ripper	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.) 43 kg (95 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch Moldboard Impact-Absorption System Ripper/Scarifier, Rear Mounted with Hitch and Ripper Shanks (3)	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.) 43 kg (95 lb.) 1139 kg (2,510 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch Moldboard Impact-Absorption System Ripper/Scarifier, Rear Mounted with Hitch and Ripper Shanks (3) Scarifier Shanks with Teeth (9 for rear ripper/scarifier) Ripper Shanks and Teeth (2) Machine Dimensions	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.) 43 kg (95 lb.) 1139 kg (2,510 lb.) 68 kg (150 lb.) 63 kg (139 lb.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch Moldboard Impact-Absorption System Ripper/Scarifier, Rear Mounted with Hitch and Ripper Shanks (3) Scarifier Shanks with Teeth (9 for rear ripper/scarifier) Ripper Shanks and Teeth (2) Machine Dimensions A Height to Top of Cab	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.) 43 kg (95 lb.) 1139 kg (2,510 lb.) 68 kg (150 lb.) 63 kg (139 lb.) 3.18 m (10 ft. 5 in.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch Moldboard Impact-Absorption System Ripper/Scarifier, Rear Mounted with Hitch and Ripper Shanks (3) Scarifier Shanks with Teeth (9 for rear ripper/scarifier) Ripper Shanks and Teeth (2) Machine Dimensions A Height to Top of Cab A ^I Height to Top of Full-Height Cab	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.) 43 kg (95 lb.) 1139 kg (2,510 lb.) 68 kg (150 lb.) 63 kg (139 lb.) 3.18 m (10 ft. 5 in.) 3.40 m (11 ft. 2 in.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch Moldboard Impact-Absorption System Ripper/Scarifier, Rear Mounted with Hitch and Ripper Shanks (3) Scarifier Shanks with Teeth (9 for rear ripper/scarifier) Ripper Shanks and Teeth (2) Machine Dimensions A Height to Top of Cab A ^I Height to Top of Full-Height Cab B Height to Top of Exhaust	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.) 43 kg (95 lb.) 1139 kg (2,510 lb.) 68 kg (150 lb.) 63 kg (139 lb.) 3.18 m (10 ft. 5 in.) 3.40 m (11 ft. 2 in.) 3.10 m (10 ft. 2 in.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch Moldboard Impact-Absorption System Ripper/Scarifier, Rear Mounted with Hitch and Ripper Shanks (3) Scarifier Shanks with Teeth (9 for rear ripper/scarifier) Ripper Shanks and Teeth (2) Machine Dimensions A Height to Top of Cab A ^I Height to Top of Full-Height Cab B Height to Top of Exhaust C Height to Top of Blade-Lift Cylinders	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.) 43 kg (95 lb.) 1139 kg (2,510 lb.) 68 kg (150 lb.) 63 kg (139 lb.) 3.18 m (10 ft. 5 in.) 3.40 m (11 ft. 2 in.) 3.10 m (10 ft. 2 in.) 3.05 m (10 ft. 0 in.)
For Use with 686-mm (27 in.) Moldboards Overlay End Bits, Reversible (one pair) For 152-mm (6 in.) Cutting Edge For 203-mm (8 in.) Cutting Edge Heavy-Duty Dual-Input Circle-Drive Gearbox Circle-Drive Slip Clutch Moldboard Impact-Absorption System Ripper/Scarifier, Rear Mounted with Hitch and Ripper Shanks (3) Scarifier Shanks with Teeth (9 for rear ripper/scarifier) Ripper Shanks and Teeth (2) Machine Dimensions A Height to Top of Cab A ^I Height to Top of Full-Height Cab B Height to Top of Exhaust	120 kg (265 lb.) 19.5 kg (43 lb.) 23 kg (51 lb.) 14 kg (31 lb.) 9 kg (20 lb.) 43 kg (95 lb.) 1139 kg (2,510 lb.) 68 kg (150 lb.) 63 kg (139 lb.) 3.18 m (10 ft. 5 in.) 3.40 m (11 ft. 2 in.) 3.10 m (10 ft. 2 in.)

Option Or ZOV GP Rear Counterweight with Integral Rear Hitch 57.207 dq [1.603 lb.] Rear Hitch 54.4 kg (120 lb.) Push Block, Front 1338 kg (2,950 lb.) Scarifier 831 kg (1,833 lb.) Mid-Mount with Teeth [1] 1448 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 - 0 kg (0 lb.) 10 14.00-R24, Radial, G2/L2 General Purpose 0 kg (0 lb.) 11 17.5-R25, Radial, G2/L2 Snow 40.8 kg (90 lb.) 11 17.5-R25, Radial, G3/L3 General Purpose 11/k bg (312 lb.) 11 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.) 11 Frenders - 77 kg (169 lb.) Rear 141 kg (310 lb.) 12 10 worth Paetage 12 kg (28 lb.) 12 Rear on Headrests 20 kg (18 lb.) 12 kg (28 lb.)	Option Weights (continued)	672G/GP
Rear Hitch54.4 kg (120 lb.)Push Block, Front1338 kg (2,950 lb.)Scarifier1338 kg (2,950 lb.)Front Mount with Teeth (11)14481 kg (3,265 lb.)Front Lift Group (Balderson-style)763 kg (1,682 lb.)Tirres-220.4 kg (-486 lb.)17.5-25, 12 PR G2/L2-106 kg (-234 lb.)14.00-R24, Radial, G2/L2 General Purpose0 kg (0 lb.)14.00-R24, Radial, G2/L2 Snow40.8 kg (90 lb.)17.5-R25, Radial, G2/L2 Snow95.3 kg (210 lb.)17.5-R25, Radial, G3/L3 General Purpose11.7 kg (114 lb.)17.5-R25, Radial, G3/L3 General Purpose14.1 kg (312 lb.)Multi-Piece Rims254 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.)Fenders77 kg (169 lb.)Rear141 kg (310 lb.)Low Cab with Opening Front and Side Windows14.5 kg (32 lb.)Premium Air-Suspension, Heated Seat with Adjustable13 kg (28 lb.)Arm- and Headrests11 kg (24 lb.)Coolant Heater4 kg (9 lb.)Quick Service11 kg (24 lb.)Sound-Absorption Package (machines equipped with 14 kg (31 lb.)Fire Extinguisher14.5 kg (32 lb.)Beacon Bracket8 kg (118 lb.)Fire Extinguisher4.5 kg (10 lb.)16 Halogen Lights7 kg (16 lb.)18 Halogen Lights4.5 kg (10 lb.)19 Halogen Lights9 kg (18 lb.)19 Halogen Lights9 kg (19 lb.)10 Verall Length with Scarifier9 kg (19 lb.)11 Kalogen Lights<		
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.) Tirres - -20.4 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, G2/L2 Snow 95.3 kg (210 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.) 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 77 kg (169 lb.) Rear 13 kg (28 lb.) Premium Air-Suspension, Heated Seat with Adjustable 13 kg (28 lb.) Ouck Service 11 kg (24 lb.) Ould K Service 11 kg (24 lb.) Sound -Absorption Package (machines equipped with 14 kg (310 lb.) Tier 3/Stage IIIIA and Tier 2/Stage		-
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 -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, G2/L2 Snow 95.3 kg (210 lb.) 10.5 141 kg (310 lb.) 10.5 141 kg (310 lb.) 10.6 141 kg (310 lb.) 11.6 141 kg (310 lb.) 12.6		
Front Mount with Teeth (1) 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 -220.4 kg (-486 lb.) I/5-25, 12 PR G2/L2 -106 kg (-234 lb.) 1/4.00-24, 12 PR G2 -20.4 kg (-486 lb.) 1/5-25, 72, PR G2/L2 -0106 kg (-234 lb.) 1/5-725, Radial, G2/L2 General Purpose 0 kg (0 lb.) 1/5-7-R25, Radial, G2/L2 Snow 40.8 kg (90 lb.) 1/5-7-R25, Radial, G2/L2 Snow 95.3 kg (210 lb.) 1/5-7-R25, Radial, G3/L3 General Purpose 51.7 kg (114 lb.) 1/5-R25, Radial, G3/L3 General Purpose 95.3 kg (210 lb.) 1/5-R25 Sadig (G3 lb.) 356 mm x 635 mm (14 in. x 25 in.) 85.3 kg (188 lb.) Frenders Front 77 kg (169 lb.) Rear Kront Als kg (31 lb.) 10.1 Rear 14 kg (31 lb.) 10.1 Low Cab with Opening Front and Side Windows 14.5 kg (32 lb.) Premium Air-Suspension, Heated Seat with Adjustable 13 kg (28 lb.) Quick Service 11 kg (24 lb.) 10.1 Goolant Heater<		1338 kg (2,950 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/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, C2/L2 Snow 95.3 kg (210 lb.) 17.5-R25, Radial, G2/L2 Snow 95.3 kg (180 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 77 kg (169 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 14 kg (31 lb.) Coolant Heater 4 kg (9 lb.) Quick Service 11 kg (24 lb.) <td></td> <td></td>		
Front Lift Group (Balderson-style) 763 kg (1,682 lb.) Tires -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.) 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 77 kg (169 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 11 kg (24 lb.) Coolant Heater 4 kg (9 lb.) Quick Service 11 kg (24 lb.) Sound-Absorption Package (machines equipped with 14 kg (31 lb.) Fire Extinguisher 26 kg (58 lb.) Beacon Bracket 8 kg (18 lb.) Fire Extinguisher 4.5 kg (10 lb.) 16 Halogen Lights 7 kg (16 lb.)<	• • • • • • • • • • •	
Tires - 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, G2/L2 General Purpose 51.7 kg (114 lb.) 17.5-R25, Radial, G2/L2 Snow 95.3 kg (210 lb.) 17.5-R25, Radial, G2/L2 Snow 95.3 kg (321 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 77 kg (169 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 14 kg (24 lb.) Arm- and Headrests 14 kg (24 lb.) Coolant Heater 4 kg (9 lb.) Quick Service 11 kg (24 lb.) Sound-Absorption Package (machines equipped with 14 kg (31 lb.) Fire Extinguisher 14.5 kg (32 lb.) Beacon Bracket 8 kg (18 lb.) Fire Extinguisher 26 kg (58 lb.) Beacon Bracket 8 kg (18 lb.) 10 Halogen Lights 4 kg (10 lb.) 10 Halogen	Mid-Mount with Teeth (11)	
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, G2/L2 Snow 95.3 kg (210 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.) 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 77 kg (169 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 Na kg (28 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 4.5 kg (10 lb.) 16 Halogen Lights 4.5 kg (10 lb.) 18 Halogen Lights 8 kg (18 lb.)	Front Lift Group (Balderson-style)	763 kg (1,682 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.) 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 77 kg (169 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 Xag (28 lb.) Arm- and Headrests U Coolant Heater 4 kg (9 lb.) Quick Service 11 kg (24 lb.) Sound-Absorption Package (machines equipped with 14 kg (31 lb.) Tier 3/Stage IIIA and Tier 2/Stage II engines only) 26 kg (58 lb.) Beacon Bracket 8 kg (18 lb.) Fire Extinguisher 4.5 kg (32 lb.) Lighting Packages 7 kg (16 lb.) 10 Halogen Lights 4 kg (18 lb.) 18 Halogen Lights 8 kg (18 l	Tires	
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, G2/L2 Snow 95.3 kg (210 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.) Multi-Piece Rims 0 kg (0 lb.) 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 77 kg (169 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 11 kg (24 lb.) Coolant Heater 4 kg (9 lb.) Quick Service 11 kg (24 lb.) Sound-Absorption Package (machines equipped with 14 kg (31 lb.) 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.) Igh-Front Light Bar for Snowplowing 20 kg (44 lb.) Auxiliary Hydraulic Control Valve Section and Controls <td< td=""><td>14.00-24, 12 PR G2</td><td>– 220.4 kg (– 486 lb.)</td></td<>	14.00-24, 12 PR G2	– 220.4 kg (– 486 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.) Multi-Piece Rims 0 kg (0 lb.) 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 77 kg (169 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 11 kg (24 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 4.5 kg (10 lb.) 16 Halogen Lights 7 kg (16 lb.) 18 Halogen Lights 7 kg (16 lb.) 18 Halogen Lights 9 kg (18 lb.)	17.5-25, 12 PR G2/L2	– 106 kg (– 234 lb.)
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For Overall Width see Tires/Wheels on page 20.		10.59 m (34 ft. 9 in.)
	For Overall Width see Tires/Wheels on page 20.	



ZZZG/GP SPECIFICATIONS

Engine	772G/GP		
Manufacturer and Model	John Deere PowerTech [™] PSS 9.0L	John Deere PowerTech [™] Plus 9.0L	John Deere PowerTech [™] 9.0L
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA	EPA Tier 2/EU Stage II
Cylinders	6	6	6
Displacement	9.0L (548 cu. in.)	9.0L (548 cu. in.)	9.0L (548 cu. in.)
Net Engine Power			
Gear 1	157 kW (210 hp)	153 kW (205 hp)	153 kW (205 hp)
Gear 2	168 kW (225 hp)	164 kW (220 hp)	164 kW (220 hp)
Gear 3	179 kW (240 hp)	175 kW (235 hp)	175 kW (235 hp)
Gear 4	187 kW (250 hp)	183 kW (245 hp)	183 kW (245 hp)
Gear 5	190 kW (255 hp)	187 kW (250 hp)	187 kW (250 hp)
Gear 6	198 kW (265 hp)	194 kW (260 hp)	194 kW (260 hp)
Gear 7	205 kW (275 hp)	201 kW (270 hp)	201 kW (270 hp)
Gear 8	198 kW (265 hp)*	194 kW (260 hp)*	194 kW (260 hp)*
Net Peak Torque	1375 Nm (1,014 lbft.)	1300 Nm (959 lbft.)	1300 Nm (959 lbft.)
Net Torque Rise	55%	57%	57%
Aspiration	Series turbocharged, charge-air cooled	Turbocharged, charge-air cooled	Turbocharged, charge-air cooled
Lubrication	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral cool
Air Cleaner with Restriction Indicator *6WD not available.	Dual element, dry	Dual element, dry	Dual element, dry
Engine Coolant, Extended Life, Rating	–37 deg. C (–34 deg. F)		
Powertrain			
6-Wheel Drive	systems with variable-displacement pump	ncreases tractive effort and front-end contr ps, axial-piston wheel motors, and freewhee and inching capability down to 0 mph; precis	l at transport speeds; operator-selectab
Effective Gears	1–7 forward and reverse		
Precision Mode			
Effective Gears	1–3 forward only		
Operating Speeds	0.4–8.0 km/h (0.25–5.0 mph)		
Hydrostatic Pumps (2 each)	60 cm ³ (3.7 cu. in.)		
Wheel Motors	60 cm³ (3.7 cu. in.)		
Final Reduction	38.7:1		
Transmission		, modulated shift-on-the-go, Event-Based S ation and cooling system with 117-L/min. (3	
Gears			
Forward	8		
Reverse	8		
Maximum Travel Speeds			
	No tire slip at 2,180 rpm, 14.0-R24 tires		
Gear 1	No tire slip at 2,180 rpm, 14.0-R24 tires 4.0 km/h (2.5 mph)		
-	4.0 km/h (2.5 mph)		
Gear 1	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph)		
Gear 1 Gear 2	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph)		
Gear 1 Gear 2 Gear 3	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph)		
Gear 1 Gear 2 Gear 3 Gear 4	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph)		
Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph)		
Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph)		
Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph)		
Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabrication		
Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total)	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabrication 32 deg.		
Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction)	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabrication 32 deg. 20 deg.	h tuna can ba annliad an tha ga: calactabl	n manual or automatic differential lock
Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabrication 32 deg. 20 deg. Spiral bevel; hydraulically actuated, clutcl All-hydraulic power-frame articulation fo	h type can be applied on-the-go; selectabl r maneuverability and productivity; crab st ide-slope stability: return-to-straiaht cont	eering reduces side drift, positions
Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabrication 32 deg. 20 deg. Spiral bevel; hydraulically actuated, clutcl All-hydraulic power-frame articulation fo		eering reduces side drift, positions
Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include steering wheel) Turning Radius (front steer and articulation) Articulation (both right and left)	4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabrication 32 deg. 20 deg. Spiral bevel; hydraulically actuated, clutcc All-hydraulic power-frame articulation for tandems on firm ground, and increases si 7.21 m (284 in.) (23 ft. 8 in.) 22 deg.	r maneuverability and productivity; crab st ide-slope stability; return-to-straight contr	eering reduces side drift, positions
Gear 1 Gear 2 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include steering wheel) Turning Radius (front steer and articulation)	 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 23.2 km/h (14.4 mph) 32.3 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabrication 32 deg. 20 deg. Spiral bevel; hydraulically actuated, clutcl All-hydraulic power-frame articulation fo tandems on firm ground, and increases si 7.21 m (284 in.) (23 ft. 8 in.) 22 deg. Inboard-mounted planetary sealed in coc Foot-controlled, hydraulically operated, no 	r maneuverability and productivity; crab st ide-slope stability; return-to-straight contr oled, filtered oil nultiple wet-disc brakes sealed in pressuriz	eering reduces side drift, positions rol included in Grade Pro (GP) option
Gear 1 Gear 2 Gear 3 Gear 4 Gear 5 Gear 6 Gear 7 Gear 8 Front Axle Oscillation (total) Wheel Lean Angle (each direction) Differentials Steering (all models include steering wheel) Turning Radius (front steer and articulation) Articulation (both right and left) Final Drives	 4.0 km/h (2.5 mph) 5.6 km/h (3.5 mph) 7.7 km/h (4.8 mph) 10.9 km/h (6.8 mph) 16.4 km/h (10.2 mph) 23.2 km/h (14.4 mph) 23.2 km/h (20.1 mph) 45.5 km/h (28.3 mph) Heavy-duty welded fabrication 32 deg. 20 deg. Spiral bevel; hydraulically actuated, clutcl All-hydraulic power-frame articulation fo tandems on firm ground, and increases si 7.21 m (284 in.) (23 ft. 8 in.) 22 deg. Inboard-mounted planetary sealed in coc Foot-controlled, hydraulically operated, m 	r maneuverability and productivity; crab st ide-slope stability; return-to-straight contr oled, filtered oil nultiple wet-disc brakes sealed in pressuriz	eering reduces side drift, positions rol included in Grade Pro (GP) option ed, cooled, filtered oil; both independe

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ZZZG/GP SPECIFICATIONS

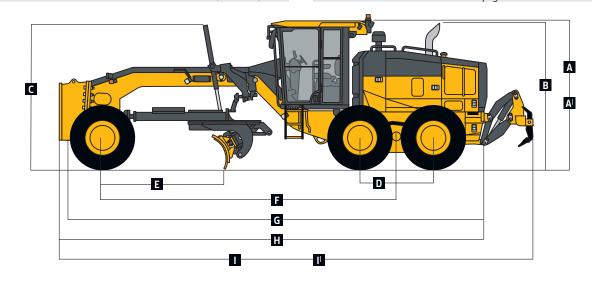


Hydraulics	772G/GP	
Туре	Closed-center, pressure-compensated load-sensing (PCLS), variable-displacement piston pump
Maximum Pump Flow	212 L/min. (56 gpm)	
Maximum System Pressure	18 961 kPa (2,750 psi)	
Pump Displacement	90 cm³ (5.5 cu. in.)	
Blade Function		
All-hydraulic, industry-standard lever placer	nent of blade-function controls; includes float position; 7 dis	crete 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.)	
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 IV	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
Reserve Capacity	440 min.	440 min.
Amp-Hour Rating	224 amp-hour	224 amp-hour
Alternator Rating		
Base	130 amp	100 amp
Optional	200 amp	130 amp
Lights	1	front and rear LED turn signals and marker lights; LED brake
Mainframe		
Туре	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	25 mm (0.05 m.)	
Minimum Vertical Section	1770 cm³ (108 cu. in.)	
Average Vertical Section at Saddle	2245 cm ³ (137 cu. in.)	
Draft Frame (drawbar)		
	ess with double ball-and-socket pivot connection equipped v	with quick-change replaceable wear inserts
Circle	less with double buil and socket proteconnection equipped	
	ed for flatness, equipped with quick-change replaceable wear	inserts
Circle Diameter	1524 mm (60 in.)	inserts
Rotation	360 deg.	
Drive	Hydraulic motor and worm gear with positive lock	
Circle Side Shift (right and left)	787 mm (31 in.)	
Moldboard		
	ngth, wear-resistant, high-carbon steel and reversible end bit	s: blade side-shift wear system includes quick-change
replaceable wear inserts and quick-adjust ja		s, shale she shire wear system melades quick-enange
Base Length	3.66 m (144 in.) (12 ft. 0 in.)	
Height (measured along arc, including	610 mm (24 in.)	
cutting edge)	010 11111 (24 111.)	
Thickness	22 mm (0.88 in.)	
Cutting Edge	22 mm (0.00 m.)	
Dura-Max [™] through-hardened steel edge		
	16 mm (0.62 in.)	
Thickness Width	152 mm (6 in.)	

Scarifiers	772G/GP			
Stanlers	Front		Mid-mount	
Туре	V-type toolbar with manual 2-pitch positions and		Radial linkage, with NeverGrease [™] pin joints; V-type manual	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	hydraulic float	Sitions and		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	(.111 2.21) 111111 666		223 (12.0 .)	
	1/6 mm (E7E in)		117 mm (4.6 in.)	
Spacing	146 mm (5.75 in.)		25 x 76 mm (1 x 3 in.)	
Size	25 x 76 mm (1 x 3 in.)		25 X /o mm (1 X 3 I	п.)
Front Lift Group (Balderson-style)	·			
Parallel linkage, mechanical pins, and hydraul	ic 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,				
	Ripper		Scarifier	
Width of Cut	2.21 m (87.2 in.) (7 ft. 3 in.)		2.18 m (86 in.) (7 f	
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 at Typical FT4 Weight				
Penetration	9781 kg (21,564 lb.)		-	
Pry-Out	13 991 kg (30,845 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-mr	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.)		2.77 m (109.0 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 IV		EPA Tier 3/EU Stad	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.)		27.0 L (7.1 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	00.5 E (10 gai.)		55.0 E (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% in.) Cutting				
Edges, 14R24 L2 Tires, and 79-kg (175 lb.)				
Operator	EPA Final Tier 4/EU Stage IV			ge IIIA and EPA Tier 2/EU Stage II
Front	4921 kg (10,849 lb.)		4930 kg (10,869 lb	
Rear	12 581 kg (27,736 lb.)		11 937 kg (26,317 lb	
Total	17 502 kg (38,585 lb.)		16 867 kg (37,185 lb	5.)
Typical Operating Weight with Front Push				
Block, Rear Ripper/Scarifier, and Other				
Equipment				
Front	6142 kg (13,540 lb.)		6177 kg (13,618 lb.)	
Rear	14 075 kg (31,030 lb.)		13 427 kg (29,602 l	b.)
Total	20 217 kg (44,570 lb.)		19 604 kg (43,220	
Maximum Operating Weight	24 948 kg (55,000 lb.)		24 948 kg (55,000) lb.)
	-		2	

Option Weights	772G/GP
Moldboards with Through-Hardened Dura-Max	//20/01
Cutting Edge	
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 ½ in.) cutting edge	5
and 16-mm (5% in.) hardware	
3.66 m x 610 mm x 22 mm (12 ft. x 24 in. x ½ in.)	45 kg (99 lb.)
with 203-mm x 19-mm (8 in. x ¾ in.) cutting edge	
and 16-mm (¾ in.) hardware	
3.66 m x 686 mm x 25 mm (12 ft. x 27 in. x 1 in.)	126 kg (277 lb.)
with 203-mm x 19-mm (8 in. x ³ / ₄ in.) cutting edge	
and 16-mm ($\frac{1}{8}$ in.) hardware	
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	180 kg (396 lb.)
and 16-mm ($\%$ in.) hardware	
4.27 m x 610 mm x 22 mm (14 ft, x 24 in, x % in.)	105 kg (231 lb.)
with 152-mm x 16-mm (6 in. x $\frac{5}{10}$ in.) cutting edge	105 kg (251 15.)
and 16-mm (% in.) hardware	
4.27 m x 610 mm x 22 mm (14 ft. x 24 in. x ¾ in.)	157.4 kg (347 lb.)
with 203-mm x 19-mm (8 in. x ¾ in.) cutting edge	-
and 16-mm (5% 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 ³ / ₄ in.) cutting edge	
and 16-mm (% in.) hardware	
4.27 m x 686 mm x 25 mm (14 ft. x 27 in. x 1 in.) with 203-mm x 19-mm (8 in. x ¾ in.) cutting edge	261 kg (575 lb.)
and 19-mm ($\frac{3}{4}$ in.) hardware	
Extensions, 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.)
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.)
Moldboard Impact-Absorption System	43 kg (95 lb.)
Ripper/Scarifier, Rear Mounted with Hitch and Ripper	1139 kg (2,510 lb.)
Shanks (3)	
Scarifier Shanks with Teeth (9 for rear ripper/scarifier)	68 kg (150 lb.)
Ripper Shanks and Teeth (2)	63 kg (139 lb.)
Rear Counterweight with Integral Rear Hitch	727 kg (1,603 lb.)
Machine Dimensions A Height to Top of Cab	3.18 m (10 ft. 5 in.)
 A Height to Top of Cab A^I Height to Top of Full-Height Cab 	3.40 m (11 ft. 2 in.)
B Height to Top of Exhaust	3.10 m (10 ft. 2 in.)
C Height to Top of Blade-Lift Cylinders	3.05 m (10 ft. 0 in.)
D Tandem Axle Spacing	1.54 m (5 ft. 1 in.)
E Blade Base	2.57 m (8 ft. 5 in.)
- 5.000 5050	2.5. /// (010.5///./

Out on Michael and an an	7726/60
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	151.0 kg (250 lb.)
Front	77 kg (169 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	15 Kg (20 10.)
Coolant Heater	4 kg (9 lb.)
Quick Service	11 kg (24 lb.)
Sound-Absorption Package (machines equipped with	14 kg (31 lb.)
Tier 3/Stage IIIA and Tier 2/Stage II engines only)	14 kg (51 lb.)
Secondary Steering	26 kg (58 lb.)
Beacon Bracket	8 kg (18 lb.)
Fire Extinguisher	14.5 kg (32 lb.)
Lighting Packages	11.5 kg (52 15.)
10 Halogen Lights	4.5 kg (10 lb.)
16 Halogen Lights	7 kg (16 lb.)
18 Halogen Lights	8 kg (18 lb.)
High-Front Light Bar for Snowplowing	20 kg (44 lb.)
Auxiliary Hydraulic Control Valve Section and Controls	7 kg (15 lb.)
Auxiliary Hydraulic Control Valve Section and Controls Hydraulics for Front-Mounted Equipment	9 kg (19 lb.)
	9 Kg (19 lb.)
Machine Dimensions (continued) F Wheelbase	6.16 m (20 ft. 3 in.)
G Overall Length	8.89 m (29 ft. 2 in.)
5	
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.)
	10 = 0 = 12/(4 + 0) = 1
I ^I Overall Length with Scarifier and Ripper For Overall Width see Tires/Wheels on page 24.	10.59 m (34 ft. 9 in.)





STZG/CP SPECIFICATIONS

Engine	872G/GP		
Manufacturer and Model	John Deere PowerTech™ PSS 9.0L	John Deere PowerTech™ Plus 9.0L	John Deere PowerTech™ 9.0L
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA	EPA Tier 2/EU Stage II
Cylinders	6	6	6
Displacement	9.0L (548 cu. in.)	9.0L (548 cu. in.)	9.0L (548 cu. in.)
Net Engine Power			
Gear 1	175 kW (235 hp)	168 kW (225 hp)	168 kW (225 hp)
Gear 2	186 kW (250 hp)	179 kW (240 hp)	179 kW (240 hp)
Gear 3	198 kW (265 hp)	190 kW (255 hp)	190 kW (255 hp)
Gear 4	205 kW (275 hp)	198 kW (265 hp)	198 kW (265 hp)
Gear 5	209 kW (280 hp)	201 kW (270 hp)	201 kW (270 hp)
Gear 6	216 kW (290 hp)	209 kW (280 hp)	209 kW (280 hp)
Gear 7	224 kW (300 hp)	209 kW (280 hp)	209 kW (280 hp)
	216 kW (290 hp)*	209 kW (280 hp)*	
Gear 8			209 kW (280 hp)*
Net Peak Torque	1459 Nm (1,076 lbft.)	1329 Nm (980 lbft.)	1329 Nm (980 lbft.)
Net Torque Rise	51%	48%	48%
Aspiration	Series turbocharged, charge-air cooled	Turbocharged, charge-air cooled	Turbocharged, charge-air cooled
Lubrication	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral cooler
Air Cleaner with Restriction Indicator	Dual element, dry	Dual element, dry	Dual element, dry
*6WD not available.			
Cooling			
Engine Coolant, Extended Life, Rating	–37 deg. C (–34 deg. F)		
Powertrain			
6-Wheel Drive	systems with variable-displacement pump	creases tractive effort and front-end cont os, axial-piston wheel motors, and freewhee and inching capability down to 0 mph; preci	el at transport speeds; operator-selectable
Effective Gears	1–7 forward and reverse		
Precision Mode			
Effective Gears	1–3 forward only		
Operating Speeds	0.4–8.0 km/h (0.25–5.0 mph)		
Hydrostatic Pumps (2 each)	60 cm ³ (3.7 cu. in.)		
Wheel Motors	60 cm ³ (3.7 cu. in.)		
Final Reduction	38.7:1		
Transmission	Direct-drive John Deere PowerShift Plus™	, modulated shift-on-the-go, Event-Based (ation and cooling system with 121-L/min. (3	
Gears		5 7	51 5 1 1
Forward	8		
Reverse	8		
Maximum Travel Speeds	- No tire slip at 2,180 rpm, 14.0-R24 tires		
Gear 1	3.9 km/h (2.4 mph)		
Gear 2	5.6 km/h (3.5 mph)		
Gear 3			
Gear 4	7.9 km/h (4.9 mph)		
	10.9 km/h (6.8 mph)		
Gear 5	16.7 km/h (10.4 mph)		
Gear 6	23.3 km/h (14.5 mph)		
Gear 7	32.2 km/h (20.0 mph)		
Gear 8	45.0 km/h (28.0 mph)		
Front Axle	Heavy-duty welded fabrication		
Oscillation (total)	32 deg.		
Wheel Lean Angle (each direction)	20 deg.		
Differentials		h type can be applied on-the-go; selectabl	
Steering (all models include steering wheel)		r maneuverability and productivity; crab st de-slope stability; return-to-straight cont	
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 coo	oled, filtered oil	
Brakes		nultiple wet-disc brakes sealed in pressuriz	ed, cooled, filtered oil; both independent
Primary and Secondary Brakes		n pivot, self-adjusting, sealed in cooled an	d filtered oil, multi-disc (ISO 3450)
Parking Brake		y released, oil cooled, self-adjusting (ISO 3	





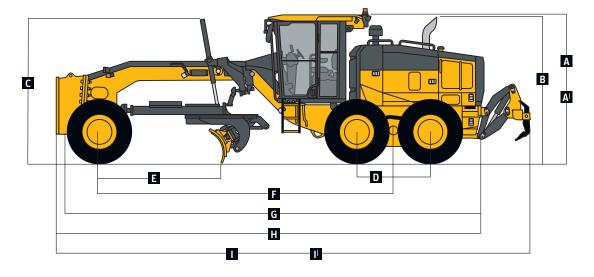
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Hydraulics	872G/GP	
Туре	Closed-center, pressure-compensated load-sensing (PCL	5), variable-displacement piston pump
Maximum Pump Flow	218 L/min. (57.5 gpm)	
Maximum System Pressure	18 961 kPa (2,750 psi)	
Pump Displacement	90 cm³ (5.5 cu. in.)	
Blade Function		
All-hydraulic, industry-standard lever placer Blade Range	nent of blade-function controls; includes float position; 7 di	screte saddle positions
Lift Above Ground	452 mm (17.8 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	2329 mm (91.7 in.) (7 ft. 8 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	12 (35 (g (13)500 (3))	
Solid-state load center and sealed-switch		
module	EPA Final Tier 4/EU Stage IV	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
Reserve Capacity	440 min.	440 min.
Amp-Hour Rating	224 amp-hour	224 amp-hour
Alternator Rating		
Base	130 amp	100 amp
Optional	200 amp	130 amp
Lights	1	; front and rear LED turn signals and marker lights; LED brake
	and hazard warning lights	, noncand real LED turn signals and market lights, LED blake
Mainframe		
Туре	Welded box construction	
Width (minimum)	307 mm (12.1 in.)	
Height (minimum) Thickness	307 mm (12.1 in.)	
Side	16 mm (0.63 in.)	
Top and Bottom Plate	30 mm (1.17 in.)	
Modulus		
Minimum Vertical Section	1770 cm³ (108 cu. in.)	
Average Vertical Section at Saddle	2635 cm³ (161 cu. in.)	
Draft Frame (drawbar)		
Welded box construction machined for flatm	ess with double ball-and-socket pivot connection equipped	with quick-change replaceable wear inserts
Circle		
Welded construction, heat-treated, machine	ed for flatness, equipped with quick-change replaceable wea	r inserts
Circle Diameter	1524 mm (60 in.)	
Rotation	360 deg.	
Drive	Hydraulic motor and worm gear with positive lock	
Circle Side Shift (right and left)	787 mm (31 in.)	
Moldboard		
High-strength, pre-stressed for higher strer replaceable wear inserts and quick-adjust ja	ngth, wear-resistant, high-carbon steel and reversible end bit ckscrew system	s; blade side-shift wear system includes quick-change
Base Length	4.27 m (168 in.) (14 ft. 0 in.)	
Height (measured along arc, including	686 mm (27 in.)	
cutting edge)		
Thickness	25 mm (1 in.)	
Cutting Edge		
Dura-Max [™] through-hardened steel edge		
Thickness	19 mm (0.75 in.)	
Width	203 mm (8 in.)	

Scarifiers	872G/GP			
	Front		Mid-mount	
Туре	V-type toolbar with manual 2-pitch po	sitions and		h NeverGrease [™] pin joints
.)	hydraulic float		nadiar innage, wie	intererered ease philjoints
Width of Cut	1.20 m (48 in.) (4 ft. 0 in.)		1.19 m (46.7 in.) (3 f	ft. 11 in.)
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 ir	ן _ר
Front Lift Group (Balderson-style)			25 x 70 mm (1 x 5 m	•••
Parallel linkage, mechanical pins, and hydraul	ic 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		Scarifier	
Width of Cut	2.21 m (87.2 in.) (7 ft. 3 in.)		2.18 m (86 in.) (7 ft	t. 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 at Typical FT4 Weight	.20 (.0.0)		525 (1217)	
Penetration	10 328 kg (22,770 lb.)		_	
Pry-Out	14 404 kg (31,756 lb.)		_	
Shank Size	61.5 x 133 mm (2.42 x 5.25 in.)		25 x 76 mm (1 x 3 ir	1)
Operator Station			25 % / 6 /// (/ × 5 //	
Low-profile cab with ROPS (ISO 3471-2008) a	nd EOPS (ISO 3449-2005)			
Tires/Wheels				
	14R24 on 254-mm (10 in.) Rim	17.5R25 on 356-mn	ו (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.)		2.77 m (109.0 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 IV		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.)		27.0 L (7.1 gal.)	
Transmission Fluid	23.5 L (6.2 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				
With Full Fuel Tank, 4.27-m x 686-mm x				
25-mm (14 ft. x 27 in. x 1.0 in.) Moldboard				
with 203-mm x 19-mm (8 in. x ¾ in.) Cutting				
Edges, 17.5R25 L2 Tires, and 79-kg (175 lb.)				
Operator	EPA Final Tier 4/EU Stage IV		EPA Tier 3/EU Stag	ge IIIA and EPA Tier 2/EU Stage II
Front	5094 kg (11,230 lb.)		5103 kg (11,250 lb.)	
Rear	12 891 kg (28,420 lb.)		12 242 kg (26,990 l	b.)
Total	17 985 kg (39,650 lb.)		17 345 kg (38,240 l	b.)
Typical Operating Weight with Front Push				
Block, Rear Ripper/Scarifier, and Other				
Equipment				
Front	6323 kg (13,940 lb.)		6407 kg (14,124 lb.)	
Rear	14 864 kg (32,770 lb.)		14 036 kg (30,944	
Total	21 187 kg (46,710 lb.)		20 443 kg (45,068	
Maximum Operating Weight	24 948 kg (55,000 lb.)		24 948 kg (55,000	
	-		3	

Option Weights	872G/GP								
Moldboards with Through-Hardened Dura-Max									
Cutting Edge									
3.66 m x 686 mm x 25 mm (12 ft. x 27 in. x 1 in.)	– 126 kg (– 278 lb.)								
with 203-mm x 19-mm (8 in. x ¾ in.) cutting edge									
and 16-mm (¾ in.) hardware									
3.96 m x 686 mm x 25 mm (13 ft. x 27 in. x 1 in.)	– 72 kg (– 159 lb.)								
with 203-mm x 19-mm (8 in. x ³ / ₄ in.) cutting edge									
and 16-mm (% in.) hardware 4.27 m x 686 mm x 25 mm (14 ft. x 27 in. x 1 in.)	0 1 - (0 1 -)								
4.27 m x 686 mm x 25 mm (14 ft. x 27 in. x 1 in.) with 203-mm x 19-mm (8 in. x ³ / ₄ in.) cutting edge	0 kg (0 lb.)								
and 16-mm (% in.) hardware									
4.27 m x 686 mm x 25 mm (14 ft. x 27 in. x 1 in.)	9.5 kg (21 lb.)								
with 203-mm x 19-mm (8 in. $x \frac{3}{4}$ in.) cutting edge	5.5 kg (2115.)								
and 19-mm (¾ in.) hardware									
4.88 m x 686 mm x 25 mm (16 ft. x 27 in. x 1 in.)	137 kg (302 lb.)								
with 203-mm x 19-mm (8 in. x ¾ in.) cutting edge	-								
and 19-mm (¾ in.) hardware									
Extensions, 610 mm (2 ft.) (right or left)									
For Use with 686-mm (27 in.) Moldboards	120 kg (265 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.)								
Moldboard Impact-Absorption System	43 kg (95 lb.)								
Ripper/Scarifier, Rear Mounted with Hitch and Ripper 1139 kg (2,510 Shanks (3)									
Scarifier Shanks with Teeth (9 for rear ripper/scarifier)	68 kg (150 lb.)								
Ripper Shanks and Teeth (2)	63 kg (139 lb.)								
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	1556 kg (2,556 151,								
Front Mount with Teeth (5)	831 kg (1,833 lb.)								
Mid-Mount with Teeth (11)	1481 kg (3,265 lb.)								
Machine Dimensions									
A Height to Top of Cab	3.18 m (10 ft. 5 in.)								
A ^I Height to Top of Full-Height Cab	3.40 m (11 ft. 2 in.)								
B Height to Top of Exhaust	3.13 m (10 ft. 3 in.)								
C Height to Top of Blade-Lift Cylinders	3.05 m (10 ft. 0 in.)								
D Tandem Axle Spacing	1.54 m (5 ft. 1 in.)								
EBlade Base2.53 m (8 ft. 4 in.)									

Option Weights (continued)	872G/GP
Front Lift Group (Balderson-style)	763 kg (1,682 lb.)
Tires	705 kg (1,002 h)./
14.00-24, 12 PR G2	– 272 kg (– 600 lb.)
17.5-25, 12 PR G2/L2	– 158 kg (– 348 lb.)
14.00-R24, Radial, G2/L2 General Purpose	– 52 kg (– 114 lb.)
•	
14.00-R24, Radial, G2/L2 Snow	– 11 kg (– 24 lb.)
17.5-R25, Radial, L2 General Purpose	0 kg (0 lb.)
17.5-R25, Radial, G2/L2 Snow	43.5 kg (96 lb.)
17.5-R25, Radial, G3/L3 General Purpose	90 kg (198 lb.)
550/65R25 XLD70 G3/L3 Radial, General Purpose	444 kg (978 lb.)
Multi-Piece Rims	
254 mm x 610 mm (10 in. x 24 in.)	– 85 kg (– 188 lb.)
356 mm x 635 mm (14 in. x 25 in.)	0 kg (0 lb.)
432 mm x 635 mm (17 in. x 25 in.)	46 kg (102 lb.)
Fenders	
Front	77 kg (169 lb.)
Rear	141 kg (310 lb.)
Cab, Low 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	14 kg (31 lb.)
Tier 3/Stage IIIA and Tier 2/Stage II engines only)	
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.)
16 Halogen Lights	7 kg (16 lb.)
18 Halogen Lights	8 kg (18 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)	5 (15 (5))
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 Overall Length with Scarifier and Ripper	10.59 m (34 ft. 9 in.)
For Overall Width see Tires/Wheels on page 28.	

For Overall Width see Tires/Wheels on page 28.



Additional equipment

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

622	672	772	872	Operator's Station
٠	٠	•	٠	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
٠		٠		Rearview mirrors, exterior (2) (SAE J985)
				Heated exterior mirrors (2) (SAE J985)
				Fire extinguisher
				High-resolution rearview camera with dedicated 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

622	672	772	872	Electrical
•	٠	٠	٠	100-amp alternator
				130-amp alternator
				200-amp alternator (FT4/Stage IV)
•	•	•	•	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 1/8 in.)
				3.66 m x 686 mm x 25 mm (12 ft. x 27 in. x 1 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.)
				4.88 m x 686 mm x 25 mm (16 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

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO9249. 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 units 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-Max⁸ through-hardened-steel cutting edges for the 6226, 6726, and 7726, and 17.5 R 635-mm (25 in.) L2, Radial tires and 4.27-m x 688-mm x 25-mm (14 ft. x 27 in. x 1 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 for the 872G. Weights include lubricants, coolants, full fuel tanks, and 79-kg (175 lb.) operators.

Additional equipment (continued)

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

622	672	772	872	Overall Vehicle
٠	٠	٠	٠	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
•	•	•	•	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 IV)
				Heavy-duty air cleaner (FT4/Stage IV)
				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
				AutoShift 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)
				Automation
				Automation Suite including Auto-Articulation, Blade Flip, and Machine Presets (standard on SmartGrade™ models, optional on GP models)

622	672	772	872	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
٠	٠	٠	٠	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
٠	٠	٠		Cross-slope
٠	٠	٠	٠	Return to straight
				Grade Control
				SmartGrade
				Mast mounts
				Topcon ready available on G and GP models
				Trimble ready available on G and GP models
				Leica ready available on GP models

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO9249. 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 units 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 for the 6226, 6726, and 1726, and 17.5 R 635-mm (25 in.) L2, Radial tires and 4.27-m x 688-mm x 25-mm (14 ft. x 27 in. x 1 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 for the 872G. Weights include lubricants, coolants, full fuel tanks, and 79-kg (175 lb.) operators.



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Take control with more options

Inspired by input from customers like you, John Deere G-Series Motor Graders include a host of innovative options like factory-integrated SmartGrade[™] configurations. Dual-joystick controls on GP models. And Precision mode on six-wheel-drive machines. The smaller, more economical 620G and 622G deliver practical power at up to 10-percent fuel savings over their larger siblings. We give you the power of choice to match your application. So you can choose to **Run Your World.**