



**JOHN DEERE**

**G**

**GRADERS**

**670G**



**TANDEM  
DRIVE**

# Specifications

## Engine

### 670G

	<i>Base engine: For use in areas where EPA Tier 3 / EU Stage 3A is not required</i>	<i>Optional engine: For use in U.S., Canada, and Europe</i>
Manufacturer and Model . . . . .	John Deere PowerTech™ 6068H	John Deere PowerTech Plus 6090H
Non-Road Emission Standards . . . . .	EPA Tier 2 / EU Stage 2	EPA Tier 3 / EU Stage 3A
Cylinders . . . . .	6	6
Displacement . . . . .	414 cu. in. (6.8 L)	548 cu. in. (9.0 L)
Rated Speed . . . . .	2,100 rpm	2,100 rpm
Net Engine Power		
Gear 1 . . . . .	145 hp (108 kW)	155 hp (116 kW)
Gear 2 . . . . .	145 hp (108 kW)	160 hp (119 kW)
Gear 3 . . . . .	145 hp (108 kW)	170 hp (127 kW)
Gear 4 . . . . .	165 hp (123 kW)	185 hp (138 kW)
Gear 5 . . . . .	165 hp (123 kW)	190 hp (142 kW)
Gear 6 . . . . .	185 hp (138 kW)	195 hp (145 kW)
Gear 7 . . . . .	185 hp (138 kW)	195 hp (145 kW)
Gear 8 . . . . .	185 hp (138 kW)	195 hp (145 kW)
Net Peak Torque . . . . .	625 lb.-ft. (848 Nm) at 1,000 rpm	810 lb.-ft. (1098 Nm) at 900 rpm
Net Torque Rise . . . . .	45%	72%
Aspiration . . . . .	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
Air Cleaner with Restriction Indicator . . . . .	dual element, dry	dual element, dry

## Cooling

Cooling on demand, hydraulic-driven, variable-speed fan drive to optimize fuel consumption; auto-reversing fan to keep coolers clean; swing-out rear fan door and foldout coolers for easy cleaning of all cooling components  
 Engine Coolant, Extended Life, Rating . . . . . -34 deg. F (-37 deg. C)

## Powertrain

**Transmission** . . . . . direct-drive John Deere PowerShift Plus™, modulated shift-on-the-go, Event-Based Shifting (EBS), inching pedal; independent transmission reservoir with separate filtration and cooling system with 33-gpm (125 L/min.) gear pump

### Gears

    Forward . . . . . 8  
     Reverse . . . . . 8

**Maximum Travel Speeds** . . . . . *with no tire slip at 2,180 rpm, 14.0-R24 tires*

    Shift Lever Position 1 . . . . . 2.4 mph (3.9 km/h)  
     Shift Lever Position 2 . . . . . 3.4 mph (5.4 km/h)  
     Shift Lever Position 3 . . . . . 4.8 mph (7.7 km/h)  
     Shift Lever Position 4 . . . . . 6.8 mph (10.9 km/h)  
     Shift Lever Position 5 . . . . . 10.1 mph (16.3 km/h)  
     Shift Lever Position 6 . . . . . 14.3 mph (23.0 km/h)  
     Shift Lever Position 7 . . . . . 19.9 mph (32.1 km/h)  
     Shift Lever Position 8 . . . . . 28.1 mph (45.2 km/h)

**Front Axle** . . . . . heavy-duty welded fabrication

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

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

**Steering** (all models include steering wheel) . . . . . all-hydraulic power-frame articulation for maneuverability and productivity; crab steering reduces side drift, positions tandems on firm ground, and increases side-slope stability; return-to-straight control included in "Grade Pro" option

    Turning Radius (front steer and articulation) . . . . . 23 ft. 8 in. (7.21 m)  
     Articulation (both right and left) . . . . . 22 deg.

**Powertrain (continued)****670G**


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<b>Final Drives</b> . . . . .	inboard-mounted planetary sealed in cooled, filtered oil
Drive-Chain Pitch . . . . .	2 in. (51 mm)
<b>Brakes</b> . . . . .	foot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independent systems effective on all 4 tandem wheels
Primary and Secondary Brakes . . . . .	hydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450)
Parking Brake . . . . .	automatically spring applied, hydraulically released, oil cooled, self-adjusting (ISO 3450)

**Hydraulics**


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Closed-center, pressure-compensated load-sensing (PCLS), variable-displacement piston pump, O-ring face-seal fittings	
Maximum Pump Flow . . . . .	56 gpm (212 L/min.)
Maximum System Pressure . . . . .	2,750 psi (18 961 kPa)
Pump Displacement . . . . .	5.5 cu. in. (90 cm <sup>3</sup> )

**Blade Function**


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All-hydraulic, industry-standard lever placement of blade-function controls; includes float position; 7 discrete saddle positions

**Blade Range**

Lift Above Ground . . . . .	19.3 in. (490 mm)
Blade Side Shift (right or left) . . . . .	26.9 in. (683 mm)
Pitch at Ground Line	
Forward . . . . .	42 deg.
Back . . . . .	5 deg.
Shoulder Reach Outside Wheels (frame	
straight, right or left) . . . . .	6 ft. 10 in. (2083 mm)
Bank cut angle (right or left) . . . . .	90 deg.

**Productivity**


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Blade Pull (maximum weight [46,800 lb. (21 228 kg)], 0.9 coefficient of traction) . . .	28,220 lb. (12 800 kg)
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**Electrical**


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Solid-state load center and sealed-switch module	
Voltage . . . . .	24 volt
Number of Batteries . . . . .	2
Battery Capacity . . . . .	1,400 CCA
Reserve Capacity . . . . .	440 min.
Amp-Hour Rating . . . . .	224 amp-hour
Alternator Rating . . . . .	100 amp
<b>Lights</b> . . . . .	driving lights; 2 high- and 2 low-beam halogen headlights; front and rear LED turn signals and marker lights; LED brake and hazard warning lights

**Mainframe**


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Type . . . . .	welded box construction
Width (minimum) . . . . .	12.1 in. (307 mm)
Height (minimum) . . . . .	12.1 in. (307 mm)
Thickness	
Side . . . . .	0.63 in. (16 mm)
Top and Bottom Plate . . . . .	0.89 in. (23 mm)
Modulus	
Minimum Vertical Section . . . . .	88 cu. in. (1445 cm <sup>3</sup> )
Average Vertical Section at Saddle . . . . .	137 cu. in. (2245 cm <sup>3</sup> )

**Draft Frame (drawbar)**


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Welded box construction machined for flatness with double ball-and-socket pivot connection equipped with quick-change replaceable wear inserts

**Circle**


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Welded construction, heat-treated, machined for flatness, equipped with quick-change replaceable wear inserts	
Circle Diameter . . . . .	60 in. (1524 mm)
Rotation . . . . .	360 deg.
Drive . . . . .	hydraulic motor and worm gear with positive lock
Circle Side Shift (right and left) . . . . .	31 in. (787 mm)

**Moldboard****670G**

High-strength, pre-stressed for higher strength, wear-resistant, high-carbon steel and reversible end bits; blade side-shift wear system includes quick-change replaceable wear inserts and quick-adjust jackscrew system

Length .....	12 ft. 0 in. (3.66 m)
Height (measured along arc, including cutting edge) .....	24 in. (610 mm)
Thickness .....	0.88 in. (22 mm)

**Cutting Edge**

Dura-Max® through-hardened steel edge	
Thickness .....	0.62 in. (16 mm)
Width .....	6 in. (152 mm)

**Scarifiers**

	<i>Front</i>	<i>Mid-mount</i>
Type .....	V-type toolbar with manual 2-pitch positions, with hydraulic float	radial linkage, with NeverGrease™ pin joints; V-type manual 3-pitch positions, with hydraulic float
Width of Cut .....	4 ft. 0 in. (1.20 m)	3 ft. 11 in. (1.19 m)
Number of Shanks/Teeth .....	5 (maximum capacity 9)	11
Lift Above Ground .....	23.2 in. (589 mm)	13.2 in. (335 mm)
Maximum Penetration .....	13.2 in. (335 mm)	12.8 in. (325 mm)
Shank		
Spacing .....	5.75 in. (146 mm)	4.6 in. (117 mm)
Size .....	1 x 3 in. (25 x 76 mm)	1 x 3 in. (25 x 76 mm)

**Front Lift Group (Balderson-style)**

Parallel linkage, mechanical pins, hydraulic float	
Lift	
Above Ground .....	73.4 in. (1864 mm)
Range .....	38.9 in. (988 mm)

**Rear Ripper/Scarifier**

Parallelogram linkage, with NeverGrease pin joints, hydraulic float, integrated hitch		
	<i>Ripper</i>	<i>Rear Scarifier</i>
Width of Cut .....	7 ft. 3 in. (2.21 m)	7 ft. 2 in. (2.18 m)
Number of Shanks/Teeth .....	3 (maximum capacity 5)	none standard (maximum capacity 9)
Lift Above Ground .....	23.7 in. (602 mm)	31.9 in. (810 mm)
Maximum Penetration .....	16.8 in. (426 mm)	12.7 in. (323 mm)
Shank Size .....	2.42 x 5.25 in. (61.5 x 133 mm)	1 x 3 in. (25 x 76 mm)

**Operator Station**

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

**Tires/Wheels**

	<i>13.00-24 on 9-in. (229 mm) Rim</i>	<i>14.00-24 on 10-in. (254 mm) Rim</i>	<i>17.5-25 on 14-in. (356 mm) Rim</i>
Wheel Tread on Ground (front and rear) .....	82 in. (2.08 m)	82 in. (2.08 m)	85 in. (2.16 m)
Overall Width (top of tires, front and rear) .....	97 in. (2.46 m)	98 in. (2.49 m)	104 in. (2.64 m)
Ground Clearance (front axle, front and rear) ...	22.0 in. (559 mm)	23.1 in. (587 mm)	23.1 in. (587 mm)

**Serviceability****Refill Capacities**

Fuel Tank .....	110 gal. (416.4 L)
Cooling System (6.8L engine) .....	12 gal. (45.4 L)
Engine Oil with Filter (6.8 L engine) .....	6.9 gal. (26.1 L)
Transmission Fluid (refill) .....	6 gal. (22.7 L)
Differential Housing .....	9.5 gal. (36.0 L)
Tandem Housings (each) .....	20 gal. (75.7 L)
Circle Gearbox .....	1.5 gal. (5.7 L)
Hydraulic Reservoir .....	14 gal. (53.0 L)

**Operating Weights**

With full fuel tank, 175-lb. (79 kg) operator, 12-ft. x 24-in. x  $\frac{7}{8}$ -in. moldboards, and 14.00-24, 12 PR G2 tires

Front .....	9,240 lb. (4191 kg)
Rear .....	24,580 lb. (11 149 kg)
Total .....	33,820 lb. (15 340 kg)
Typical Operating Weight with Front Push Block and Ripper	
Front .....	12,218 lb. (5542 kg)
Rear .....	28,768 lb. (13 049 kg)
Total .....	40,986 lb. (18 591 kg)
Maximum Operating Weight .....	46,800 lb. (21 228 kg)

## Option Weights

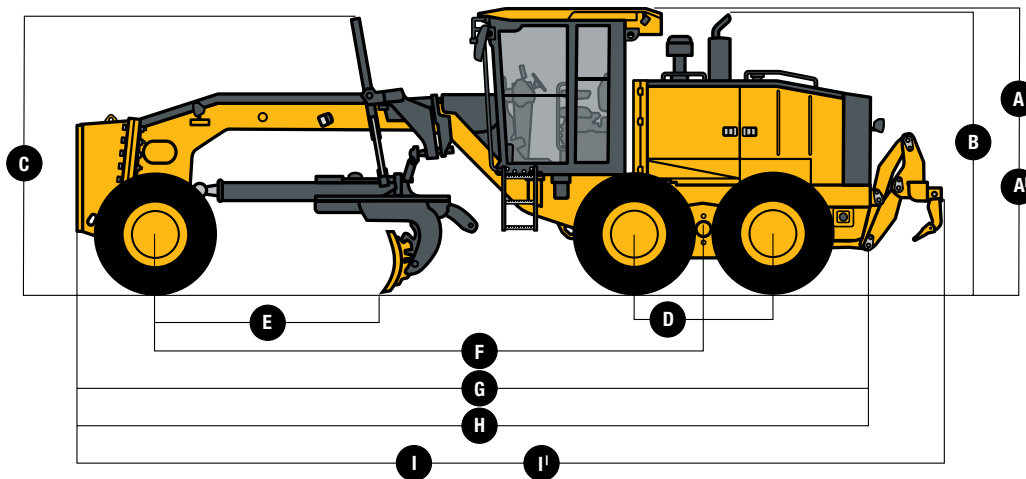
670G

<b>Moldboards with Through-Hardened Dura-Max Cutting Edge</b>	
12 ft. x 24 in. x $\frac{7}{8}$ in. (3.66 m x 610 mm x 22 mm) with 8-in. x $\frac{3}{4}$ -in. (203 mm x 19 mm) cutting edge and $\frac{5}{8}$ -in. hardware	100 lb. (45 kg)
12 ft. x 27 in. x 1 in. (3.66 m x 686 mm x 25 mm) with 8-in. x $\frac{3}{4}$ -in. (203 mm x 19 mm) cutting edge and $\frac{5}{8}$ -in. hardware	277 lb. (126 kg)
13 ft. x 27 in. x 1 in. (3.96 m x 686 mm x 25 mm) with 8-in. x $\frac{3}{4}$ -in. (203 mm x 19 mm) cutting edge and $\frac{5}{8}$ -in. hardware	396 lb. (180 kg)
14 ft. x 24 in. x $\frac{7}{8}$ in. (4.27 m x 610 mm x 22 mm) with 6-in. x $\frac{5}{8}$ -in. (152 mm x 16 mm) cutting edge and $\frac{5}{8}$ -in. hardware	231 lb. (105 kg)
14 ft. x 24 in. x $\frac{7}{8}$ in. (4.27 m x 610 mm x 22 mm) with 8-in. x $\frac{3}{4}$ -in. (203 mm x 19 mm) cutting edge and $\frac{5}{8}$ -in. hardware	346 lb. (156.9 kg)
<b>Extensions, 2 ft. (610 mm) (right or left)</b>	
For Use with 24-in. (610 mm) Moldboards	255 lb. (115.7 kg)
For Use with 27-in. (686 mm) Moldboards	265 lb. (120.2 kg)
<b>Overlay End Bits, Reversible (one pair)</b>	
For 6-in. (152 mm) Cutting Edge	42 lb. (19.1 kg)
For 8-in. (203 mm) Cutting Edge	50 lb. (22.7 kg)
Extended-Wear Moldboard Side-Shift Wear Inserts	0 lb. (0 kg)
Extended-Wear Circle Wear Inserts	43 lb. (19.5 kg)
Circle-Drive Slip Clutch	20 lb. (9.1 kg)
Moldboard Impact-Absorption System	100 lb. (45.4 kg)
Ripper/Scarifier, Rear Mounted with Hitch and Ripper	
Shanks (3)	2,645 lb. (1200 kg)
Scarifier Shanks with Teeth (9 for rear ripper/scarifier)	150 lb. (68 kg)
Ripper Shanks and Teeth (2)	140 lb. (64 kg)
Rear Counterweight with Integral Rear Hitch	1,600 lb. (725.7 kg)
Rear Hitch	120 lb. (54.4 kg)
Push Block, Front	3,000 lb. (1361 kg)
<b>Scarifier</b>	
Front Mounted with Teeth (5)	1,874 lb. (850 kg)
Mid-Mount with Teeth (11)	3,243 lb. (1471 kg)
Front Lift Group (Balderson-style)	1,726 lb. (782.9 kg)

<b>Tires</b>	
13.00-24, 12 PR G2	- 84 lb. (- 38.1 kg)
14.00-24, 12 PR G2	0 lb. (0 kg)
17.5-25, 12 PR G2/L2	264 lb. (119.7 kg)
14.00-R24, Radial, G2/L2 General Purpose	474 lb. (215 kg)
14.00-R24, Radial, G2/L2 Snow	654 lb. (296.6 kg)
17.5-R25, Radial, L2 General Purpose	594 lb. (269.4 kg)
17.5-R25, Radial, G2/L2 Snow	642 lb. (291.2 kg)
17.5-R25, Radial, G3/L3 General Purpose	726 lb. (329.3 kg)
<b>One-Piece Rims</b>	
9 in. x 24 in. (229 mm x 610 mm)	0 lb. (0 kg)
13 in. x 25 in. (330 mm x 635 mm)	162 lb. (73.5 kg)
<b>Multi-Piece Rims</b>	
10 in. x 24 in. (254 mm x 610 mm)	375 lb. (170.1 kg)
14 in. x 25 in. (356 mm x 635 mm)	565 lb. (256.3 kg)
<b>Fenders</b>	
Front	137 lb. (62.1 kg)
Rear	264 lb. (119.7 kg)
<b>Cab</b>	
Low with Opening Front and Side Windows	35 lb. (15.9 kg)
With Armrest Electrohydraulic (EH) Controls	110 lb. (49.9 kg)
Tall with Fixed Front and Side Windows	126 lb. (57.2 kg)
Tall with Opening Front and Side Windows	132 lb. (59.9 kg)
Canopy, Low Profile with ROPS	- 356 lb. (- 161.5 kg)
<b>Premium Seat, Air Suspension, Heated, with Adjustable Arm- and Headrests</b>	
Arm- and Headrests	28 lb. (12.7 kg)
Coolant Heater	8 lb. (3.6 kg)
Rotary Ejector Precleaner	17 lb. (7.7 kg)
<b>Lighting Packages</b>	
10 Halogen Lights	8 lb. (3.6 kg)
16 Halogen Lights	17 lb. (7.7 kg)
18 Halogen Lights	20 lb. (9.1 kg)
High-Front Light Bar for Snowplowing	44 lb. (20 kg)
24- to 12-Volt, 30-Amp Converter	3 lb. (1.4 kg)
Auxiliary Hydraulic Control Valve Section and Controls	15 lb. (6.8 kg)
Hydraulics For Front-Mounted Equipment	19 lb. (8.6 kg)
Wipers/Washers, Lower-Front Windows	9 lb. (4.1 kg)

## Machine Dimensions

<b>A</b> Height to Top of Cab	10 ft. 5 in. (3.18 m)	<b>F</b> Wheelbase	20 ft. 3 in. (6.16 m)
<b>A'</b> Height to Top of Full-Height Cab	11 ft. 2 in. (3.40 m)	<b>G</b> Overall Length	29 ft. 2 in. (8.89 m)
<b>B</b> Height to Top of Exhaust (6.8L engine)	10 ft. 2 in. (3.09 m)	<b>H</b> Overall Length with Scarifier	31 ft. 9 in. (9.69 m)
<b>C</b> Height to Top of Blade-Lift Cylinders	10 ft. 0 in. (3.05 m)	<b>I</b> Overall Length with Push Block and Ripper	32 ft. 9 in. (9.99 m)
<b>D</b> Tandem Axle Spacing	5 ft. 1 in. (1.54 m)	<b>I'</b> Overall Length with Scarifier and Ripper	34 ft. 9 in. (10.59 m)
<b>E</b> Blade Base	8 ft. 5 in. (2.57 m)		



## 670G MOTOR GRADER

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

### 670G Engine

- Certified to EPA Tier 2 and EU Stage 2 emissions\*
- ▲ Certified to EPA Tier 3 and EU Stage 3A emissions\*
- Engine power-management system for variable horsepower up to 185 net peak hp\*
- Electrical fuel-priming system\*
- Built-in engine diagnostics
- Programmable auto shutdown for dual savings\*
- 500-hour vertical spin-on filter
- Starter protection\*
- Primary 500-hour fuel filter/water separator with electronic sensor
- Auto-tensioner serpentine belt
- Rotary ejector precleaner\*
- Dual air-cleaner elements, radial seal
- ▲ Engine coolant circulating heater, 120 volt, 1,500 W
- ▲ Ether starting aid
- Glow plugs
- ▲ Electric intake manifold preheaters for cold-weather starting

### Cooling

- Cool-on-demand programmable automatic reversing hydraulic fan\*
- Swing-out rear fan door\*
- Swing-out coolers (transmission, axle, hydraulic, and air-conditioner condenser)\*

### Transmission

- Direct-drive, countershaft PowerShift Plus™ (8 forward, 8 reverse)
- ▲ Auto-shift transmission (gears 4–8)
- Event-Based Shifting (EBS)
- Over-speed protection
- Cruise control with auto/manual modes\*
- Built-in diagnostics with quick-disconnect pressure test ports\*
- Transmission neutral lock with park start safety switch
- Independent oil reservoir, filtration, and cooling system

### Axle, Brakes, and Tandems

- Internal self-adjusting maintenance-free wet multi-disc brakes inboard of tandem pivot
- Independent oil reservoir, filtration, and cooling system
- Primary and secondary service brakes (ISO 3450)
- Automatic/manual hydraulic differential lock\*
- Automatic spring-applied hydraulic-released parking brake (SAE J1026)

### Tires

- Single-piece rims
- ▲ Three-piece rims
- ▲ 14.0 x 24 in. 12 PR G2, Bias
- ▲ 14.0 x 24 in. 12 PR G2/L2, Radial
- ▲ 17.5 R 25 in. G2/L2, Bias
- ▲ 17.5 R 25 in. L2, Radial

### Operator's Station

- Low-profile ROPS/FOPS cab with HVAC (ROPS ISO 3471 / FOPS SAE 3449 Level II)
- ▲ Tall ROPS/FOPS cab with HVAC (ROPS ISO 3471 / FOPS SAE 3449 Level II)
- ▲ Low-profile Grade Pro cab with opening lower front and side windows\*
- Fixed lower-front tinted window
- ▲ Opening front and side windows
- Key-less 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\*

### 670G Operator's Station (continued)

- ▲ Premium EH armrest-control heated, leather/fabric, high-wide back, air-suspension seat\*
- Sealed-switch module with function indicators\*
- 15-amp converter (24 to 12 volt) with 2 power ports
- ▲ 30-amp converter (24 to 12 volt) with 2 power ports
- Electric rear-window defroster
- Upper front and rear windshield washers with intermittent wipers
- ▲ Cab air-powered precleaner
- Universal right- and left-hand mounting bracket
- Cooler/lunch-box storage with cup holder
- ▲ Decelerator pedal
- ▲ Flip-down, right- and/or left-hand cab beacon bracket
- Cab prewired for beacon, radio, and auxiliary circuit
- ▲ Front window movable sun visor
- Rearview mirrors, exterior (2) (SAE J985)
- Heated outside mirrors (SAE J985)
- ▲ Rear retractable sunshade
- ▲ Fire extinguisher
- ▲ Rearview camera\*
- Retractable seat belt, 3 in. (SAE 386)
- ▲ Radio, AM/FM weatherband with CD
- Floor mat

### Electrical

- 100-amp alternator
- ▲ 130-amp alternator\*
- Bypass start safety cover on starter
- Batteries (2), 1,400 CCA with 440-min. reserve capacity
- ▲ Batteries (2), 1,000 CCA with 180-min. reserve capacity
- Ground-level lockable electrical master disconnect switch\*
- Engine compartment lights (2)\*
- ▲ Halogen grading lights (10)
- ▲ Deluxe halogen grading lights (16)
- ▲ Deluxe halogen grading lights with right-hand cab lights (18)
- ▲ Tall front snowplow light bar
- Multifunction/multi-language LCD color monitor\*
- Operator-warning messages: Built-in diagnostics
- ▲ Level 1 electronic corrosion-prevention package
- Electric horn (SAE J1446)
- Reverse warning alarm, 111 db(A) (SAE J994)
- LED brake and turn lights

### Hydraulic System

- Pressure-compensating load-sensing (PCLS) hydraulic system
- Independent hydraulic reservoir, naturally aspirated tank
- Independent main hydraulic, oil lube, filtration cooling system
- O-ring face-seal connectors
- Float control included with blade lifts
- ▲ Hydraulic pump disconnect for cold-weather starting
- ▲ Cold-weather control-valve covers
- ▲ EH cold-weather control-valve covers\*
- ▲ Conversion kit from two- to one-hand blade lift

### Blade Function

- Industry-preferred control pattern
- ▲ Armrest EH controls with industry-preferred control pattern and lever steer
- 7-position saddle, 90-deg. banking right or left
- ▲ Up to 6 auxiliary function-control valves; include plumbing up to 4 auxiliary functions

### Structure

- Double ball-and-socket draft-frame pivot connection
- Snow-wing- and mid-mount-scarifier-ready mainframe\*

See your John Deere dealer for further information.

### 670G Structure (continued)

- Articulated frame with safety locking pin (SAE J1053)
- Integrated Grade Control (IGC) (Trimble® and TOPCON) mount ready\*
- Tapered roller-bearing articulation\*
- Tapered roller-bearing kingpins on front axle\*
- NeverGrease™ pin joints (20) for saddle linkage, blade-tilt cylinders, rear steering, and lean cylinders\*
- Quick-change nylon draft-frame/circle wear inserts
- ▲ Slip clutch for circle

### Moldboard

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

### Overall Vehicle

- JDLink™ Ultimate Machine Monitoring System
- Left-side daily-service access
- Hinged engine doors (4)\* and rear service-access doors (2)
- Toolbox with tray
- Single key locks for entire vehicle
- Ground-level fueling\*
- 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\* / Fuel-tank door and cap / Toolbox
- Environmental drains with hoses for engine, transmission, hydraulic, differential fluids, and engine coolant
- Banked easy-access vertical spin-on filters for hydraulic, transmission, and differential fluids\*
- ▲ Front and/or rear\* wheel fenders
- ▲ Fast-fill fuel system\*
- ▲ Quick-service bank for transmission, hydraulic, engine oil, and engine coolant fluid changes
- ▲ Secondary steering\*
- ▲ Sound-absorption package\*

### 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\*

### Rear Attachments

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

\*NEW



JOHN DEERE

01-06-09

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 10,000-ft. (3050 m) altitude.

Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a unit with standard equipment, 14.0 x 24 in. 12 PR G2, Bias tires, and 12-ft. x 24-in. x 7/8-in. (3.66 m x 610 mm x 22 mm) high-strength, wear-resistant moldboards with 0.63-in. x 6-in. (16 mm x 152 mm) Dura-Max through-hardened-steel cutting edges. Weights include lubricants, coolants, full fuel tanks, and 175-lb. (79 kg) operators.

