

# 670G MOTOR GRADER

01-Mar-2022



**JOHN DEERE**

Code	Description	QTY	List Price (USD)
8440T	670G MOTOR GRADER	1	\$404,916.00
	<p>670G Standard Equipment</p> <p>VEHICLE COOLING:                      Swing-Out, Cool-On-Demand, Hydraulic Fan (32 In.)                      Enclosed Engine Fan and Fan Drive Guarding (Conforms to ISO 3457)                      Heavy Duty Aluminum Coolers for Transmission, Axle, Hydraulic, Fuel, Charge Air, Radiator and A/C Condenser.                      Engine Coolant Surge Tank                      Cool-Gard II Extended Life Engine Coolant -34 Degrees F (-37 Degrees C)</p> <p>TRANSMISSION:                      John Deere Powershift Plus                      Direct Drive, Countershaft Powershift                      Event Based Shifting (EBS) - Load Sensing Electronic Shift Modulation                      Over speed Protection                      Quick Disconnect Pressure Ports                      Matched 8 Forward and 8 Reverse Speeds                      Industry Standard U-Shape Shift Pattern                      Transmission Neutral Lock with Park Start Safety Switch                      Rubber Isolation Mounting to Reduce Noise and Vibration                      Independent Oil Reservoir, Filtration and Cooling System with:                      31 GPM Transmission Hydraulic Gear Pump                      2000 Hour Vertical Spin-On Filter</p> <p>AXLE, BRAKES AND TANDEMS:                      Teammate II Axle                      Planetary Single Reduction Final Drives                      Internal Self-Adjusting Maintenance Free Wet Multi-Disk Brakes                      Inboard of Tandem Pivot                      Continuous Pressurized Filtered Oil Cooled Brakes                      Independent Oil Reservoir, Filtration and Cooling System with:                      6.7 GPM Axle Hydraulic Gear Pump                      2000 Hour Vertical Spin-On Filter                      Primary and Secondary Service Brakes (Conforms to ISO 3450)                      Automatic Differential Lock with Override                      Automatic Spring-Applied Hydraulic Released Parking Brake (Conforms to SAE J1026)                      14.0 x 24 In. 12 PR (G2) Bias Tires                      Slip Resistant Platforms on Tandems</p> <p>OPERATORS STATION:                      Low ROPS/FOPS Air Conditioned Cab (Conforms ROPS ISO 3471 / FOPS ISO 3449 Level II)                      Rubber Isolation Frame Mounted                      Keyless Start with Multiple Security Modes                      Anti-Skid 3 Step Cab Access                      Fabric Air Suspension Seat with Armrests and Headrest 3 In., (76 mm) Seat Belt w/Retractors (Conforms to SAE J386)</p>		
	<p>ELECTRICAL:                      24 Volt System                      Alternator (dependent on engine emission and optional equipment)                      Bypass Start Safety Cover on Starter                      All Light and Wiper Switches have Solid State Electrical Power Distribution System                      Batteries (2), 1400 CCA with 440 Minute Reserve Capacity                      Positive Terminal Battery Covers                      Ground Level Electrical Master Disconnect Switch                      Electric Fuel Shut off Switch                      Transporting Lights w/LED Signal and Marker Lights (4 Halogen Transport lights) Transporting Lights (4 Halogen Transport Lights). Includes LED turn signals on front frame, LED rear turn signals mounted on rear grille, front and rear LED marker lights, LED brake lights and LED hazard warning lights.                      Cab Pre-Wired (10 amp) for Beacon, Radio and Auxiliary Circuit                      Electric Forward Warning Horn (Conforms to ISO 9533)                      Back up Warning Alarm (Conforms to ISO 9533)                      Sealed Switch Module with Function Indicators                      Multi-Function / Multi-Language LCD Color Monitor includes:                      DIGITAL INSTRUMENTS                      ANALOG Display:                      Hydraulic Oil Temperature                      Engine Coolant Temperature                      Transmission Oil Temperature                      Rear Steer Articulation Angle                      Fuel Level                      DEF Level (FT4 Only)                      DIGITAL Display:                      Engine RPM                      Transmission Gear Indicator                      Hour Meter                      Speedometer                      Odometer                      Outside Ambient Temperature                      Integrated Job Timer and Stop Watch                      INDICATOR LIGHTS for Standard and Selected Options                      INDICATOR LIGHTS for Amber Caution and Red Stop                      OPERATOR WARNING MESSAGES                      BUILT-IN DIAGNOSTICS:                      Diagnostic Code Details                      Sensor Values                      Calibrations                      MENU DISPLAY:                      Codes                      Machine Settings                      Diagnostics</p>		

Bid Term: 2/22/19 - 2/21/21; Extended to 2/21/22; Extended to 2/21/23

Tilt Wheel and Control Console with 5 Lock to Lock Power Steering  
Electronic Throttle Control with Auto / Manual Modes  
ECO Mode: limits engine rpms to 1900 in gears 1-5  
15 Amp (24 V to 12 V W/ Continuous 10 amps) Converter and (2) Power Ports  
(1) Interior and (2) Exterior Mounted Rearview Mirrors (Conforms to SAE J985)  
Air Vents on all Front and side Tinted Windows  
Fixed Lower Front Tinted Window  
Rear Window Electric Defroster  
Laminated Upper Front Tinted Window w/ Sun Shade Band  
Upper Front and Rear Windshield Washers with Intermittent Wipers  
Molded Floor Mat  
Coat Hook  
Universal RH & LH Mounting Bracket  
Cooler/Lunch Box Storage with Cup Holder  
Operator Manual Storage  
Front Sun Visor

### Monitor Settings

### HYDRAULIC SYSTEM:

PCLS (Pressure Compensating Load Sensing) Hydraulic System  
Independent Hyd. Reservoir with Sight Glass  
Independent Main Hydraulic filtration cooling system with:  
56 GPM Main Hydraulic Axial Piston Pump  
O-Ring Face Seal Connectors  
Float control included with blade lifts  
2000 Hour Vertical Spin-On Filter

### STRUCTURE:

Main Frame with:  
Double Ball-N-Socket Pivot Connection  
Snow Wing Ready Frame  
Midmount Scarifier Ready  
Grade Control Mount Ready  
Tapered Roller Bearing in Bottom Articulation Joint  
Tapered Roller Bearing King Pins on Front Axle  
Lift Eyes  
Tiedowns  
(20) NeverGrease Pin Joints for Saddle Linkage, Blade Tilt, Rear Steering and Lean Cylinders

### MOLDBOARD:

Patented Pre-Stressed 12 Ft. x 24 In. x 7/8 In. (3.66 M x 610 mm x 22 mm)  
Moldboard with:  
6 In. x 5/8 In. (152 x 16 mm) Cutting Edge with 5/8 in. Reversible End Bits  
Quick Change Circle Wear Inserts (All Nylon)  
Quick Change and Adjustable Heavy Duty Moldboard Side Shift Wear Inserts  
Single Input Circle Drive Gearbox (non-slip)

### OVERALL VEHICLE:

Left Side Daily Service  
Engine and Service Compartment Lights  
Hinged Engine Side Shields  
Tool Box with Tray  
Articulation Joint Grease Bank  
Articulated frame with Safety (ISO 10570) locking pin  
Radiator Surge Tank Access Panel  
DEF Tank Door and Cap (FT4 Only)  
Bottom/Side Guards with Access Panels  
(6) D.O.T. (392&393) Permanent Tie Downs for transport  
Single Key Locks for Entire Vehicle  
Ground Level Fuel Tank Filling (FT4 Only)  
Fluid Sampling Ports for Engine Oil, Engine Coolant, Hydraulic, Axle and Transmission Oils  
Vandal Protection Locking for:  
Service Compartments  
Cab Doors  
Radiator Surge Tank Access Door  
DEF Tank Door and Cap (FT4 Only)  
Hydraulic Reservoir Cap  
Battery Disconnect Switch

Fuel Tank Door and Cap  
 Tool Box  
 Fuel tank, 110 gallon (416 L)  
 Environmental Drains with Hoses for Engine, Transmission,  
 Hydraulic, Axle Oils and Engine Coolant  
 Remote Filter Bank for Hydraulic, Transmission and Axle Oils  
 Vehicle Side Reflectors

8440T 670G MOTOR GRADER 1 \$404,916.00

ENGINE

Engine Basic Factory Options - Required

1120 John Deere PowerTech Plus 9.0L meets Tier 3 / EU Stage IIIA emissions No Added Cost

For use in areas where EPA Tier 3/EU Stage IIIA is required.Requires severe duty filter code 1420.Requires engine exhaust code 1820.Variable-Geometry TurbochargerCooled Exhaust Gas RecirculationCharge Air Cooler (Air to Air)4 Valves / CylinderWet Sleeve Cylinder LinersECO ModeProgrammable Auto-ShutdownAutomatic Starter Overload Protection Electronically Controlled HPCR Fuel Delivery SystemElectric Fuel Priming System10-Micron Primary Fuel Filter/Water Separator, 500 hour2-Micron Final Fuel Filter, 500 hourInline Fuel StrainerSpin-on Oil Filter, 500 hourAuto-Tensioned Serpentine Belt Under Hood Dual Element Air Cleaner with Restriction IndicatorEngine Intake Rotary Ejector PrecleanerSelf Draining Muffler with Curved Stack  
 230 Net Peak hp

1140 John Deere PowerTech PSS 9.0L meets EPA FT4 Emissions \$47,902.00

For use only in areas where EPA Final Tier 4 is required.Requires engine exhaust code 1830 or 1840.Automatic Exhaust Filter RegenerationAutomatic Hydraulic Reversing FanSeries Turbo ChargersCooled Exhaust Gas Recirculation4 Valves / CylinderWet Sleeve Cylinder LinersECO ModeAuto-Idle and Programmable Auto-ShutdownAutomatic Starter Overload Protection Electronically Controlled HPCR Fuel Delivery System, B20 Biodiesel CompatibleElectric Fuel Priming System10-Micron Primary Fuel Filter/Water Separator, 500 hour2-Micron Final Fuel Filter, 500 hourInline Fuel StrainerSpin-on Oil Filter, 500 hourOil crankcase filter, LifetimeAuto-Tensioned Serpentine Belt Under Hood Dual Element Air Cleaner with Restriction IndicatorEngine Intake Rotary Ejector Precleaner  
 235 Net Peak hp

Exhaust Basic Factory Options - Required

1820 Engine Exhaust with Flat Black Muffler for 9.0L No Added Cost  
 Requires engine code 1112 or 1120.

1830 Engine Exhaust W/ Flat Black Stack (FT4 or Stage V only) No Added Cost  
 Requires engine code 1140.

1840 Engine Exhaust W/ Chrome Stack (FT4 or Stage V only) \$703.00  
 Requires engine code 1140.

Fuel Filtration Basic Factory Options - Required

1410	Standard Fuel & Water Filtration	No Added Cost
1420	Severe Duty Fuel & Water Filtration System For use where fuel quality is questionable and/or additional water separation is required. Filter base contains fuel heater.	\$528.00
	Quick Service Group	Basic Factory Options - Required
1310	Quick Service Group	\$672.00
1320	No Quick Service Group	No Added Cost
	Cold Start Packages	Field Installed Attachments - Optional
9340	Engine Air Intake Manifold Pre-Heater Requires code 1120 9.0 L Engine. Cannot be used with code 9370 ether start aid.	\$579.00
9360	Engine Block Heater Recommended for use on machines that will be operating above 8,000 feet (2440 meters) in altitude, and/or colder than 0 degrees F (-18 degrees C). Includes all weather receptacle conveniently located at ground level Requires: Code 1610 Hydraulic Pump Disconnect	\$348.00
9365	Engine Block Coolant Heater (220V)	\$195.00
9370	Ether Starting Aid Requires 9.0L engine, codes 1112, 1120 or 1140 Cannot be used with code 9340, Engine Air Intake Manifold Pre-Heater  Ether is not included.	\$469.00
9620	Cold Weather Control Valve Covers Plastic covers that mount below the cab, shielding the control valve from snow and slowing down hydraulic heat loss in winter.	\$207.00

Requires code 1010 standard hydraulics.

Air Cleaner Field Installed Attachments - Optional

9380 Heavy Duty Air Cleaner - 9.0L 14 in \$1,009.00  
 Engine code 1140 only  
 15% larger capacity

9395 Adjusting Rotary Ejector Precleaner \$556.00  
 Requires code 9380  
 Ability to raise engine pre-cleaner to improve air filter performance.

OPERATOR'S STATION AND CONTROLS

Machine Configuration Basic Factory Options - Required

1010 Standard Antler Rack Hydraulic Controls (\$20,000.00)

1020 Armrest Fingertip Controls No Added Cost  
 Grade Pro Armrest Controls Include:  
 \* Fingertip controls with industry standard control pattern  
 \* Automated Cross Slope control with exclusive Auto-Gain  
 \* Integrated grade control (Contact TOPCON, Trimble, or Leica for full install requirements)  
 \* Return-to-Straight  
 \* Armrest steering control AND conventional steering wheel  
  
 Requires alternator code 1220 or 1240 and cab code 5060 or 5070.  
 Includes seat code 6140 and grade pro controls code 6650.

1030 Dual Joystick Controls No Added Cost  
 Grade Pro Armrest Controls Include:  
 \* Automated Cross Slope control with exclusive Auto-Gain  
 \* Integrated grade control (Contact TOPCON, Trimble, or Leica for full install requirements)  
 \* Return-to-Straight  
 \* Armrest steering control AND conventional steering wheel  
  
 Requires alternator code 1220 or 1240 and cab code 5060 or 5070.  
 Includes seat code 6140 and grade pro controls code 6650.

Operator's Station Basic Factory Options - Required

ROPS/FOPS Air Conditioned Cab

5020 Low Cab w/ Fixed Lower Front and Side Windows No Added Cost

5025	Low Cab w/ Fixed Lower Front and Side Opening Windows	\$927.00
5030	Low Cab w/ Lower Front and Side Opening Windows Includes Roof Wiring Harness for Lighting, Beacon, Precleaner and Heated Mirrors	\$1,243.00
5035	Low Cab w/ Fixed Lower Front and Side Opening Windows, Laminated Glass The advantage of laminated glass is that it resists shattering and strongly resists penetration by impacting objects.	\$3,087.00
5060	Grade Pro Low Cab w/ Lower Front and Side Opening Windows Requires configuration code 1020 or code 1030 and seat code 6140. Requires (1) T244325 bracket to optionally move monitor to the RH door post.	No Added Cost
5070	Grade Pro Low Cab w/ Fixed Lower Front and Side Opening Windows, Laminated Glass Requires configuration code 1020 or code 1030 and seat code 6140.Requires (1) T244325 bracket to optionally move monitor to the RH door post.The advantage of laminated glass is that it resists shattering and strongly resists penetration by impacting objects.	\$2,190.00
50A1	Tall Cab with Lower Fixed Front and Side Opening Windows	\$2,555.00
Camera		
		Basic Factory Options - Required
8830	Rear Camera (R4) Rear view camera with a dedicated monitor	No Added Cost
8835	Front & Rear Camera (R4)	\$2,500.00
Mirrors		
		Basic Factory Options - Required
8210	Exterior Mounted Rearview Mirrors	No Added Cost
8220	Heated Exterior Mounted Rearview Mirrors	\$570.00

Radio Basic Factory Options - Required

8410 AM/FM Radio with Aux and Weather Band (WB) \$983.00

8415 Premium AM/FM Radio with Bluetooth, Aux and Weather Band (WB). \$1,515.00  
 Requires engine code 1140.

8420 No Radio No Added Cost

Washer and Wiper Basic Factory Options - Required

8310 Lower Front Intermittent Wiper & Washer \$670.00

8320 Less Lower Front Window Wiper & Wiper No Added Cost

Cab Air Precleaner Basic Factory Options - Required

6010 Powered Cab Air Precleaner \$925.00  
 Powered Cab Precleaner pre-filters outside air to significantly extend cab filter life.

6030 No Powered Cab Air Precleaner No Added Cost

Seat Basic Factory Options - Required

6120 Standard Fabric Air Suspension Seat with Armrests and Headrest No Added Cost  
 For use with cab codes 5020, 5025, 5030 & 5035

6130 Premium Heated, Leather/Fabric, High-Wide Back, Air Suspension Seat with Armrests \$742.00

For use with cab codes 5020, 5025, 5030 & 5035.  
 This seat does not include a headrest. If a headrest is desired, please order AT361342 from service parts.

6140 Grade Pro Premium Heated, Leather/Fabric, High-Wide Back Air Suspension Seat No Added Cost  
 For use with cab codes 5060 & 5070.  
 This seat does not include a headrest. If a headrest is desired, please order AT361342 from service parts.

Sound Absorption Package Basic Factory Options - Required

8720 No Sound Absorption Package No Added Cost  
 Requires engine code 1111, 1112, 1115 or 1120.

Hydraulic Controls - Right Side Basic Factory Options - Required

Standard Hydraulic Controls  
 Industry standard manual hydraulic controls. Includes valves, control levers, and plumbing.

6510 Base Hydraulics - 4 Function Controls No Added Cost  
 Requires configuration code 1010.  
 Base Functions: Rear Steer, Circle Side shift, Wheel Lean & RH Blade Lift w/ Float.

6520 Base Hydraulics w/ 1 Auxiliary Function Control \$1,663.00  
 Requires configuration code 1010.  
 Base functions plus 1 function w/float control - front plumbing and hoses for Scarifier or auxiliary application.  
 For use with front scarifier.

6525 Mid Mount Scarifier Base Hydraulics w/ 1 Auxiliary Function Control \$1,885.00  
 Requires Mid Mount Scarifier code 6730 and configuration code 1010.  
 Midmount scarifier base hydraulics with 1 auxiliary function control with float control for mid mount scarifier.  
 For use with mid mount scarifier.

6530 Base Hydraulics w/ 2 Auxiliary Function Controls \$3,138.00  
 Requires configuration code 1010.  
 Base functions plus 2 functions w/float control - front plumbing and hoses for Scarifier and/or auxiliary application.  
 For use with front scarifier.

6540 Base Hydraulics w/ 3 Auxiliary Function Controls \$4,611.00  
 Requires code 1010.  
 Base Functions plus 3 functions-(2) with and (1) w/o float control, front plumbing and hoses for Scarifier and/or auxiliary application.  
 For use with front scarifier.

Grade Pro Controls



1020 - Finger-tip armrest mounted controls, consistent with the industry standard pattern. Includes armrest mounted lever steering plus the traditional steering wheel. All Auxiliary codes include front and rear plumbing for each function except code 6595.

1030 - Dual Joystick armrest mounted controls. Includes armrest mounted lever steering plus the traditional steering wheel. All Auxiliary codes include front and rear plumbing for each function except code 6595.

6550	Grade Pro Base Controls Requires code 1020 OR 1030 Includes the following Base Hydraulic Functions: Rear Steer Circle Side shift Wheel Lean Right and Left hand Blade Lift w/ Float Circle Rotate Blade Side Shift Blade Tilt Speed-sensitive Lever Steer (also includes traditional steering wheel)	No Added Cost
6526	Grade Pro Controls for Mid Mount Scarifier w/1 Auxiliary Function Control Requires codes 1020 OR 1030 AND Mid Mount Scarifier code 6730. Includes base functions plus mid-mount scarifier/auxiliary hoses that run to front of machine Fingertip controls include right hand lever control	\$1,885.00
6555	Grade Pro Controls for Rear Ripper or 1 Rear Auxiliary Function Requires code 1020 OR 1030 Includes Base functions plus 1 rear auxiliary function w/float control - Rear plumbing and hoses for Ripper or auxiliary application. Fingertip controls include left hand lever control	\$1,665.00
6560	Grade Pro Controls for Front Scarifier or 1 Front Auxiliary Function Requires code 1020 OR 1030 Include Base functions plus 1 front auxiliary function w/float control - front plumbing and hoses for Scarifier and/or auxiliary application. Fingertip controls include right hand lever control	\$1,665.00
6570	Grade Pro Controls w/1 Rear Auxiliary Function Control Requires code 1020 OR 1030 Includes Base functions plus 1 rear auxiliary function w/float control - Rear plumbing and hoses for auxiliary application. Fingertip controls include right hand lever control	\$1,665.00
6580	Grade Pro Controls w/1 Front Auxiliary Function AND 2 Rear Auxiliary Functions Requires code 1020 OR 1030 Includes Base functions plus 3 auxiliary - 1 front and 2 rear auxiliary functions w/ float control and rear plumbing for Scarifier / Ripper and/or front, mid or rear auxiliary applications. Fingertip controls include left AND right hand lever control 4 independent proportional rollers are reconfigurable for auxiliary functions.	\$4,988.00
6585	Grade Pro Controls w/1 Front Auxiliary Function AND 1 Rear Auxiliary Function Requires code 1020 OR 1030 Includes Base functions plus 2 auxiliary - 1 front and 1 rear auxiliary functions w/ float control and plumbing for Scarifier / Ripper applications. Fingertip controls include left AND right hand lever control 4 independent proportional rollers are reconfigurable for auxiliary functions.	\$3,364.00
6590	Grade Pro Controls w/1 Front Auxiliary Function AND 3 Rear Auxiliary Functions	\$6,652.00

Requires code 1020 OR 1030  
Includes Base functions plus 4 auxiliary - 1 front and 3 rear auxiliary functions w/ float control and rear plumbing for Scarifier / Ripper and/or front, mid or rear auxiliary applications.  
Fingertip controls include left AND right hand lever control  
4 independent proportional rollers are reconfigurable for auxiliary functions.

6595 Grade Pro Controls w/3 Front Auxiliary Function AND 3 Rear Auxiliary Functions \$9,977.00

Requires code 1020 OR 1030  
Includes Base functions plus 6 auxiliary - 3 front and 3 rear with float control on 4 functions, and front and rear plumbing for 2 functions each.  
Fingertip controls include left AND right hand lever control  
4 independent proportional rollers are reconfigurable for auxiliary functions.

Hydraulic Controls - Left Side Basic Factory Options - Required

Industry standard manual hydraulic controls. Includes valves, control levers, and plumbing.

Standard Hydraulic Controls

Industry standard manual hydraulic controls. Includes valves, control levers, and plumbing.

6610 Base Hydraulics- 4 Function Controls No Added Cost

Requires code 1010.  
Base Functions: LH Blade Lift w/ Float, Blade Side shift, Circle Rotate, Blade Tilt.

6620 Base Hydraulics w/ 1 Auxiliary Function Control \$1,463.00

Requires code 1010.  
Base Functions plus 1 function w/float control and lines for Ripper or auxiliary application.  
For Use with Rear Ripper/Scarifier Combination.

6630 Base Hydraulics w/2 Auxiliary Function Control \$2,952.00

Requires code 1010.  
Base functions plus 2 functions w/float control and lines for Ripper and/or auxiliary application.  
For Use with Rear Ripper/Scarifier Combination.

6640 Base Hydraulics w/ 3 Auxiliary Function Control \$4,425.00

Requires code 1010.  
Base Functions plus 3 functions-(2) with and (1) w/o Float Control, and lines for Ripper and/or auxiliary application.  
For Use with Rear Ripper/Scarifier Combination.

Grade Pro Controls

6650 Grade Pro Controls - Left Side No Added Cost

Requires code 1020 or code 1030.  
Accompanies GRADE PRO CONTROLS - RIGHT SIDE order code selection.

Shipping Preparation Basic Factory Options - Required

8510 Air Conditioner Refrigerant Charged No Added Cost

Sun Protection Field Installed Attachments - Optional

9130 Rear Retractable Sun Shade \$226.00

Miscellaneous Field Installed Attachments - Optional

9210 Decelerator \$303.00

GRADE CONTROL

Grade Control Factory Base Kits Basic Factory Options - Required

The following options are for GP graders only and require code 1020 or 1030. See field attachments for G (code 1010) grade control ready kits

2500 Topcon Grade Control Base Kit for GP Graders \$5,882.00  
 Base kit is factory installed and includes additional brackets & wiring harnesses that further enhance and simplify the addition of a Topcon Grade Control System. Requires code 1020 or 1030

2525 Trimble Grade Control Base Kit for GP Graders \$5,882.00  
 Base kit is factory installed and includes additional brackets and wiring harnesses that further enhance and simplify the addition of a Trimble GCS900 Grade Control System.  
 Not Compatible with Earthworks  
 Requires code 1020 or 1030

2575 No Grade Control Base Kit Installed No Added Cost

Grade Control System Basic Factory Options - Required

2740 SMARTGRADE 3D GNSS MASTLESS GRADE CONTROL \$79,600.00

Requires code 1020 or 1030.  
Not compatible with grade control factory base kits. Example: Topcon Ready (2500)  
Mastless 3D GNSS grade control system fully integrated into the cab and structures. Consists of Topcon UR-1 radio that is capable of doing both UHF and 915 MHz, sensors, in-cab display and Topcon software compatible with Topcon file formats. Includes Automation Suite (Auto-Articulation, Blade Flip, Machine Preset, and Auto-Pass) and Machine Damage Avoidance. SmartGrade option includes Premium Circle option 2850. After selecting SmartGrade, 2850 will be automatically selected.

2775 No Topcon 3D GPS Grade Control System installed No Added Cost

Grade Control System Field Installed Attachments - Optional

9215 AUTOMATION SUITE \$5,500.00  
Requires code 1020 or 1030.  
Includes Auto-Articulation, Blade Flip, Machine Preset, and Auto-Pass.

9225 BLADE FLIP \$1,526.00  
Requires code 1020 or 1030.  
Enables the operator to automatically circle the blade to a preset angle by double tapping the circle rotate control.

9230 MACHINE PRESET \$1,526.00  
Requires code 1020 or 1030.  
Single button on the SSM activates multiple functions (Return-to-Straight, Auto-shift, lights, etc.). Configurable in monitor. Now includes auto Blade Stow.

9235 AUTO ARTICULATION \$2,035.00  
Requires code 1020 or 1030.  
Automatically articulates the grader when steering the front wheels. Can be turned on and off by the SSM. Can be operated in forward only or forward and reverse.

9250 AUTO PASS \$1,526.00  
Requires code 1020 or 1030.  
Auto Pass reduces operator input of repetitive functions at the beginning and end of grading passes. Auto Pass is programmable through the monitor.  
At the beginning of a pass, options include lowering the blade to a pre-determined elevation and enabling SmartGrade automatically (if equipped).  
At the end of a pass, options include raising the blade, automatically engaging blade flip (if equipped) to rotate the blade to a pre-determined angle, and stowing the ripper.  
Joystick controls enable beginning of pass and end of pass capabilities.  
Fingertip controls enable beginning of pass capabilities only.

Automation Field Installed Attachments - Optional

9245 Machine Damage Avoidance \$6,000.00  
Requires code 1020 or 1030  
Prevents the moldboard from contacting the tires, cab and cab steps. In addition, prevents the saddle linkage from

contacting the top of the draft frame. Operator can override as needed.

HYDRAULICS

Hydraulic Oil Basic Factory Options - Required

5815      Hydrau No Added Cost  
 Broad ambient operating temperatures.  
 Operating range:  
 -25°C to 50°C  
 -13°F to 122°F

5830      Hydrau XR \$731.00  
 Optional factory fill.  
 Broad ambient operating temperatures.  
 Operating range:  
 -40°C to 40°C  
 -40°F to 104°F  
 Intended for colder climates, provides all-season capability.  
 Required for Russia.

Hydraulic Pump Disconnect Basic Factory Options - Required

1610      Hydraulic Pump Disconnect \$188.00  
 Required with engine code 1140.Required for Russia.

1620      No Hydraulic Pump Disconnect No Added Cost

Hydraulic Fan Field Installed Attachments - Optional

9480      Hydraulic Reversing Fan \$763.00

JOHN DEERE WORKSIGHT™

Machine Connectivity Basic Factory Options - Required

Machine connectivity functions require cellular coverage. Usage of JDLink System requires customer's acceptance of the terms of the John Deere Telematics System Contract.

Option availability limited by specific geographical regions. Please refer to region specific price pages for appropriate ordering codes.

1741	No JDLink Ultimate	(\$1,232.00)
------	--------------------	--------------

170K	JDLink™ Includes integrated cab wiring harness, antenna, and JDLink Modem (MTG). JDLink connectivity is enabled separately through the JDLink website. Connectivity service is subject to country availability.	No Added Cost
------	---	---------------

170R	JDLink™ Satellite Includes integrated cab wiring harness, antenna, JDLink Modem's (Cellular MTG & Satellite MTG). JDLink connectivity is enabled separately through the JDLink website. Connectivity service is subject to country availability.	\$3,000.00
------	--	------------

**BLADE**

Blade Impact Absorption System	Basic Factory Options - Required
--------------------------------	----------------------------------

1910	Blade Impact Absorption System Protects Moldboard and draft frame from impacts with Stationary objects	\$3,617.00
------	---	------------

1920	No Blade Impact Absorption System	No Added Cost
------	-----------------------------------	---------------

Moldboards with Dura-Max™ Cutting Edges and End Bits	Basic Factory Options - Required
--	----------------------------------

2010	12 Ft. x 24 In. x 7/8 In. (3.66M x 610mm x 22mm) w/ 6 In. x 5/8 In. (152 x 16mm) Cutting Edge & 5/8 in. (16mm) Hardware	No Added Cost
------	---	---------------

2020	12 Ft. x 24 In. x 7/8 In. (3.66M x 610mm x 22mm) w/ 8 In. x 3/4 In. (203 x 19mm) Cutting Edge & 5/8 in. (16mm) Hardware	\$420.00
------	---	----------

2050	14 Ft. x 24 In. x 7/8 In. (4.27M x 610mm x 22mm) w/ 6 In. x 5/8 In. (152 x 16mm) Cutting Edge & 5/8 in. (16mm) Hardware	\$1,422.00
------	---	------------

2060	14 Ft. x 24 In. x 7/8 In. (4.27M x 610mm x 22mm) w/ 8 In. x 3/4 In. (203 x 19mm) Cutting Edge & 5/8 in. (16mm) Hardware	\$1,647.00
------	---	------------

2070	14 Ft. x 27 In. x 1 In. (4.27M x 686mm x 25mm) w/ 8 In. x 3/4 In. (203 x 19mm) Cutting Edge & 5/8 in. (16mm) Hardware Requires engine code 1120 or 1140.	\$2,097.00
------	---	------------

2080	14 Ft. x 27 In. x 1 In. (4.27M x 686mm x 25mm) w/ 8 In. x 3/4 In. (203 x 19mm) Cutting Edge & 3/4 in. (19mm) Hardware Requires engine code 1120 or 1140.	\$2,145.00
------	---	------------

CIRCLE	Basic Factory Options - Required
--------	----------------------------------

2810	Single Input Gearbox without Slip Clutch	No Added Cost
------	--	---------------

2820	Single Input Gearbox with Slip Clutch  Slip clutch protects circle, circle drive gearbox and draft frame from damage when end of moldboard comes in contact with stationary objects. Slip clutch is integral to the circle drive gearbox assembly and allows the circle frame to rotate, avoiding damage to the machine, when the end of the moldboard comes in contact with an immovable object.	\$2,889.00
------	---	------------

2830	Heavy Duty Dual Input Gearbox without Slip Clutch  Heavy duty dual input gearbox is an industry exclusive and provides significant improvements in circle drive component durability. The heavy duty dual input circle drive gearbox provides comparable circle torque and circle rotate speed as the single input circle drive gearbox. The heavy duty dual input circle drive gearbox will significantly enhance uptime for the customer and is recommended for applications that frequently use the circle rotate function while under heavy load.	\$1,652.00
------	---	------------

2840	Heavy Duty Dual Input Gearbox with Slip Clutch  Heavy duty dual input gearbox is an industry exclusive and provides significant improvements in circle drive component durability. The heavy duty dual input circle drive gearbox provides comparable circle torque and circle rotate speed as the single input circle drive gearbox. The heavy duty dual input circle drive gearbox will significantly enhance uptime for the customer and is recommended for applications that frequently use the circle rotate function while under heavy load.  Slip clutch protects circle, circle drive gearbox and draft frame from damage when end of moldboard comes in contact with stationary objects. Slip clutch is integral to the circle drive gearbox assembly and allows the circle frame to rotate, avoiding damage to the machine, when the end of the moldboard comes in contact with an immovable object.	\$4,541.00
------	--	------------

2850	Premium Circle  Replaces the circle gearbox drive and circle with a fully sealed bearing. Customers will benefit from lower operating costs with no wear inserts to replace or maintain over the life of the machine. Maintenance takes just minutes by greasing the bearing every 500 hours. A 40% increase in circle torque and 15% increase in circle speed compared to the traditional gearbox will reduce cycle times and improve productivity. Grade control customers will appreciate the smoothness and tightness of the circle increasing accuracy without having to shim inserts. Included with SmartGrade for the most innovative and effective Grade Control System in the industry.  Slip Clutch is included at no additional cost.	\$19,000.00
------	---	-------------

Moldboard and Circle Additional Equipment	Field Installed Attachments - Optional
---	--

9450 Reversible Overlay End Bits \$536.00  
 Not available for Russia.

9460 Left Hand Moldboard Extension, 2 foot in length \$2,328.00  
 By selecting this option, the 2 foot extension is automatically sized (height, thickness and hardware size) to match the moldboard. Requires moldboard code 2060, 2070, 2080 or 2081.  
 Not available with 9465 (right hand moldboard extension) on the same machine.  
 Not available for Russia.

9465 Right Hand Moldboard Extension, 2 foot in length \$2,328.00  
 By selecting this option, the 2 foot extension is automatically sized (height, thickness and hardware size) to match the moldboard.  
 Requires moldboard code 2060, 2070, 2080 or 2081.  
 Not available with 9460 (left hand moldboard extension) on the same machine.

ELECTRICAL

Alternator Basic Factory Options - Required

1210 100 amp Alternator No Added Cost  
 Requires engine codes 1111, 1112, 1115 or 1120.

1220 130 amp Alternator \$412.00  
 Requires engine code 1111, 1112, 1115 or 1120.

1235 130 amp Alternator \$412.00  
 Requires engine code 1140.

1240 Dual 100 Amp Alternators (200 Amp total) \$954.00  
 Requires engine code 1140.

Lighting Basic Factory Options - Required

For raised front lights order code 9270 Tall Front Light Bar.  
 All lighting packages include LED turn signals on front frame, LED rear turn signals mounted on rear grille, front and rear LED marker lights, LED brake lights and LED hazard warning lights.

7110 Transporting Lights (6 Halogen Lights) No Added Cost  
 Includes 2-high and 2-low beam halogen headlights plus 2 - reversing lights on rear grill.



7130	Grading Lights (10 Halogen Lights) Includes light code 7110 Transporting Lights plus (4) additional work lights (2 - bottom cab, 2 - mid-frame).	\$763.00
------	---	----------

7160	Deluxe Grading Lights (18 Halogen Lights) Includes light code 7130 Grading Lights plus (8) additional work lights (4 - corner cab, 2 - front cab, and 2 - right-side cab roof).	\$1,399.00
------	--	------------

7180	Premium Grading Lights (18 LED Lights) Same lighting locations as light code 7160 Deluxe Grading Lights, all Premium Grading Lights are LED.	\$4,134.00
------	---	------------

Converter	Basic Factory Options - Required
-----------	----------------------------------

8110	24-to-12 Volt Converter (15 amps peak / 10 amps continuous)	No Added Cost
------	---	---------------

8120	24-to-12 Volt Converter (30 amps peak / 25 amps continuous) Recommend code 8120 for additional 12 volt needs, such as business band or CB radios	\$470.00
------	---	----------

Lighting	Field Installed Attachments - Optional
----------	--

9270	Tall ( 26in.(660mm) higher than Standard Frame Lights) Front Snow Plow Light Bar Not for use with code 6730 Mid Mount Scarifier.	\$355.00
------	---	----------

9271	Front & Rear Light Extensions (Non-EU Countries) Includes rear license plate bracket & light	\$387.00
------	---	----------

9273	Right Side Engine Compartment Work Light	\$235.00
------	--	----------

9275	License Plate Bracket and Light	\$161.00
------	---------------------------------	----------

9276	Front License Plate Bracket Bracket is mounted to the front center of the operator station roof. Does not include a light	\$37.00
------	--	---------

Beacon Lighting	Field Installed Attachments - Optional
-----------------	--

9290	Flip Down Cab Beacon Bracket (RH) Order codes 9290 and 9295 for dual beacon brackets.	\$158.00
9295	Flip Down Cab Beacon Bracket (LH) Order codes 9290 and 9295 for dual beacon brackets.	\$158.00
9298	Beacon with Flip Down Cab Beacon Bracket (RH) Includes beacon and bracket. Order codes 9298 and 9299 for dual beacons.	\$680.00
9299	Beacon with Flip Down Cab Beacon Bracket (LH) Includes beacon and bracket. Order codes 9298 and 9299 for dual beacons.	\$680.00

FRONT AND REAR COMPONENTS

Front Attachments

Basic Factory Options - Required

6710	Front Push Block 2,950 lbs.	\$4,399.00
6720	Front Scarifier Includes Front Hydraulics, plumbing and hoses Scarifier with 2 pitch positions and 9 shank pockets Five 1 x 3 inch Scarifier Shanks w/teeth If additional shanks are desired order (1) each of T6Y5230 Tooth, T114792 Shank and T104223 Retainer for each set. Can not be used with 6550 Hydraulics.	\$9,485.00
6730	Mid-Mount Scarifier with Integrated Front Push Plate Requires hydraulic code 6525 or 6526 Mid-Mount Scarifier with Push Block Can not be used with Front Scarifier. Not for use with Front Fenders Code 7810. Recommend Rear Counterweight for better machine balance.	\$16,909.00
6740	Balderson Style Front Lift Group Requires hydraulic code 6520, 6530, 6540, 6560, 6580, 6585, 6590, or 6595. (2) AT367896 Mating Hooks from Parts are available to convert old front attachments to the Bladerson-style lift group.	\$8,043.00
6750	Less Front Attachment	No Added Cost

6770	Front-Mounted Dozer Blade, 97 in. x 37.6 in. (2464 mm x 955 mm) Requires hydraulic controls on the right side with a minimum 1 front auxillary function. Requires 14.0 24 or 14.0 R24 tires	\$10,364.00
------	---	-------------

6780	Front-Mounted Dozer Blade, 105 in. x 37.6 in. (2667 mm x 955 mm) Requires hydraulic controls on the right side with a minimum 1 front auxillary function. Requires 14.0 24, 14.0 R24, 17.5 25, or 17.5 R 25 tires.	\$10,558.00
------	--	-------------

Rear Attachments	Basic Factory Options - Required
------------------	----------------------------------

6810	Rear Mounted Ripper/Scarifier Combination with Rear Hitch and Pin Includes Rear mounted Ripper/Scarifier with rear hitch and pin. NeverGrease Pin Joints. Three 2 x 5 in. Ripper Shanks w/teeth. Does not include Scarifier Shanks w/teeth (offered in code 9430: (9) Extra Scarifier Shanks w/Teeth For Rear Ripper/Scarifier) Can not be used with codes 6550, 6560 or 6610. Recommend Front Push Block (or other front equipment) for proper weight distribution and performance.	\$18,663.00
------	--	-------------

6820	Rear Counterweight with Rear Hitch and Pin 1600 lbs.(725.7 kg.) Rear Counterweight. Recommend for use with Front / Mid Scarifier.	\$2,783.00
------	---	------------

6830	Rear Hitch and Pin Not for use with Rear Ripper/Scarifier.	\$537.00
------	---	----------

6850	No Rear Attachment	No Added Cost
------	--------------------	---------------

Scarifier and Ripper Attachments	Field Installed Attachments - Optional
----------------------------------	--

9430	(9) Extra Scarifier Shanks w/Teeth For Rear Ripper/Scarifier Requires Code 6810 Ripper/Scarifier.	\$1,524.00
------	--	------------

9440	(2) Extra Ripper Shanks w/Teeth For Rear Ripper/Scarifier Requires Code 6810 Ripper/Scarifier.	\$1,286.00
------	---	------------

SAFETY

Fire Extinguisher	Field Installed Attachments - Optional
-------------------	--

9220	5.0 lbs. multi purpose (ABC) Dry Chemical Fire Extinguisher	\$130.00
------	---	----------

Signs	Field Installed Attachments - Optional
-------	--

9280	Slow Moving Vehicle (SMV) Sign	\$86.00
------	--------------------------------	---------

Miscellaneous	Field Installed Attachments - Optional
---------------	--

9625	Secondary Steering (EU)	\$4,732.00
------	-------------------------	------------

9630	Secondary Steering	\$4,325.00
------	--------------------	------------

9820	Wheel Chocks	\$661.00
------	--------------	----------

TRANSMISSION
--------------

Transmission	Basic Factory Options - Required
--------------	----------------------------------

5510	Autoshift Transmission	\$1,874.00
------	------------------------	------------

5515	Autoshift Plus Transmission	\$3,000.00
------	-----------------------------	------------

Auto-Shift Plus allows operators to seamlessly transition from a stop to full speed without shifting or using the inching pedal. This is achieved by modulating the torque through the transmission, instead of the transmission acting as a direct drive.

5520	Manual Shift Transmission (no Autoshift)	No Added Cost
------	--	---------------

Transmission Solenoid Guard Basic Factory Options - Required

5710	Transmission Solenoid Valve Guard Required with engine code 1140. Required for Russia. Recommended for snow plowing applications	\$213.00
------	---	----------

5720	NO Transmission Solenoid Valve Guard	No Added Cost
------	--------------------------------------	---------------

WHEELS AND TIRES

Wheels and Tires Basic Factory Options - Required

Tire selection should be made with consideration for the machine weight and all planned attachments (OEM and aftermarket). Each tire has a maximum load rating that is not to be exceeded. Failure to abide by the load ratings of the tires without first consulting the local tire supplier could result in nullification of the tire warranty. Max load rating is shown next to each tire size and type below

Each selection includes a set of 6 tire/rim assemblies.

NOTE: If a No Brand Preference code is selected a 9000 code in the Attachment- Order as Desired section will automatically be selected as well. This is required to enable the factory to source this order.

All Tires are tubeless unless stated differently.

All wheels on 6WD models are 3 piece rims.

Bias Ply:

13.0-24 12 ply tire, maximum per tire load 6000 lbs.

14.0-24 12 ply tire, maximum per tire load 6800 lbs.

17.5-25 12 ply tire, maximum per tire load 6400 lbs.

13.0-24 16 ply tire, maximum per tire load 7160 lbs.

14.0-24 16 ply tire, maximum per tire load 8040 lbs.

17.5-25 16 ply tire, maximum per tire load 7380 lbs.

Radial:

14.0R24 radial tire, maximum per tire load 8050 lbs.

17.5R25 radial tire, maximum per tire load 8048 lbs.

20.5R25 radial tire, maximum per tire load 10,200 lbs.

550/65R25 radial tire maximum per tire load 10,055 lbs.

Radial Tires: Recommended for puncture resistance, fuel economy and increased traction.

14.0-24 16 PR G2 Bias Tires With 1 Piece Rims

4315	Firestone SGG	\$16,252.00
------	---------------	-------------

14.0-24 16 PR G2 Bias Tires With 3 Piece Rims

4316	Firestone SGG	\$18,253.00
------	---------------	-------------

14.0R24 G2/L2 Single Star Radial Tires With 1 Piece Rims

4917	No Brand Preference	\$19,950.00
------	---------------------	-------------

4411	Michelin XGLA2	\$22,308.00
------	----------------	-------------

4412	Bridgestone VUT	\$21,078.00
------	-----------------	-------------

14.0R24 G2/L2 Single Star Radial Snow Tires With 1 Piece Rims

4915	No Brand Preference	\$25,321.00
------	---------------------	-------------

4421	Michelin SnoPlus	\$27,113.00
------	------------------	-------------

4422	Bridgestone Snow Wedge	\$26,449.00
------	------------------------	-------------

14.0R24 G2/L2 Single Star Radial Tires With 3 Piece Rims

4918	No Brand Preference	\$22,153.00
------	---------------------	-------------

4415	Bridgestone VKT	\$23,993.00
------	-----------------	-------------

4416	Michelin XGLA2	\$24,501.00
4417	Bridgestone VUT	\$23,275.00
	14.0R24 G2/L2 Single Star Radial Snow Tires With 3 Piece Rims	
4916	No Brand Preference	\$27,494.00
4426	Michelin SnoPlus	\$29,278.00
4427	Bridgestone Snow Wedge	\$28,617.00
	17.5-25 16 PR G2/L2 Bias Tires With 1 Piece Rims	
4515	Firestone SGG	\$20,298.00
	17.5-25 16 PR G2/L2 Bias Tires With 3 Piece Rims	
4516	Firestone SGG	\$22,276.00
	17.5R25 L2 Single Star Radial Tires With 1 Piece Rims	
4923	No Brand Preference	\$21,217.00

4611	Michelin XTLA	\$25,894.00
4612	Bridgestone VUT	\$24,239.00
	17.5R25 L2 Single Star Radial Tires With 3 Piece Rims	
4924	No Brand Preference	\$24,929.00
4615	Bridgestone VKT	\$27,610.00
4616	Michelin XTLA	\$28,627.00
4617	Bridgestone VUT	\$26,981.00
	17.5R25 G3/L3 Single Star Radial Tires With 1 Piece Rims	
	17.5R25 G3/L3 Single Star Radial Tires With 3 Piece Rims	
4626	Michelin XHA2	\$32,190.00
	17.5R25 G2/L2 Single Star Radial Tires With 1 Piece Rims	
4631	Michelin SnoPlus	\$30,451.00



4632	Bridgestone Snow Wedge	\$28,526.00
4919	No Brand Preference	\$27,403.00
	17.5R25 G2/L2 Single Star Radial Tires With 3 Piece Rims	
4636	Michelin SnoPlus	\$33,757.00
4637	Bridgestone Snow Wedge	\$31,829.00
4920	No Brand Preference	\$30,708.00
	Less Wheels and Tires	
4000	Less Tires & Wheels Not available for Russia.	No Added Cost
	Fenders	Basic Factory Options - Required
7810	Front Fenders	\$2,163.00
7820	No Front Fenders	No Added Cost
	Wheels and Tires	Field Installed Attachments - Optional

9415	Spare Tire and Rim - 14.0R24 BRIDGESTONE VUT SINGLE STAR RADIAL TIRE W/3 PC RIM Fits both tandem and 6WD machines, front and rear. Not ideal for 6WD performance if used as a front tire due to rim offset but will work as a temporary. Tire is NOT attached to the grader. Limit 1 per machine	\$2,998.00
9416	Spare Tire and Rim - 14.0R24 Michelin XGLA2 Single Star Radial Tire With 3 Piece Rim Fits both tandem and 6WD machines, front and rear. Not ideal for 6WD performance if used as a front tire due to rim offset but will work as a temporary. Tire is NOT attached to the grader. Limit 1 per machine.	\$3,283.00
9425	Spare Tire and Rim - 14.0R24 BRIDGESTONE SNOW WEDGE SINGLE STAR RADIAL SNOW TIRE W/3 PC RIM Fits both tandem and 6WD machines, front and rear. Not ideal for 6WD performance if used as a front tire due to rim offset but will work as a temporary. Tire is NOT attached to the grader. Limit 1 per machine	\$3,615.00
9426	Spare Tire and Rim - 14.0R24 Michelin SnoPlus Single Star Radial Snow Tire With 3 Piece Rim Fits both tandem and 6WD machines, front and rear. Not ideal for 6WD performance if used as a front tire due to rim offset but will work as a temporary. Tire is NOT attached to the grader. Limit 1 per machine.	\$3,935.00
9615	Spare Tire and Rim - 17.5R25 BRIDGESTONE VUT SINGLE STAR RADIAL TIRE W/3 PC RIM Fits both tandem and 6WD machines, front and rear. Not ideal for 6WD performance if used as a front tire due to rim offset but will work as a temporary. Tire is NOT attached to the grader. Limit 1 per machine	\$3,453.00
9616	Spare Tire and Rim - 17.5R25 Michelin XTLA Single Star Radial Tire With 3 Piece Rim Fits both tandem and 6WD machines, front and rear. Not ideal for 6WD performance if used as a front tire due to rim offset but will work as a temporary. Tire is NOT attached to the grader. Limit 1 per machine.	\$3,904.00
9635	Spare Tire and Rim - 17.5R25 BRIDGESTONE SNOW WEDGE SINGLE STAR RADIAL SNOW TIRE W/3 PC RIM Fits both tandem and 6WD machines, front and rear. Not ideal for 6WD performance if used as a front tire due to rim offset but will work as a temporary. Tire is NOT attached to the grader. Limit 1 per machine	\$4,070.00
9636	Spare Tire and Rim - 17.5R25 Michelin SnoPlus Single Star Radial Snow Tire With 3 Piece Rim Fits both tandem and 6WD machines, front and rear. Not ideal for 6WD performance if used as a front tire due to rim offset but will work as a temporary. Tire is NOT attached to the grader. Limit 1 per machine.	\$4,548.00
9715	14.0R24 G2/L2 1 STAR SNOW NO BRAND PREFERRED WITH 1PC RIM	No Added Cost
9716	14.0R24 G2/L2 1 STAR SNOW NO BRAND PREFERRED WITH 3PC RIM	No Added Cost
9717	14.0R24 G2/L2 1 STAR NO BRAND PREFERRED WITH 1PC RIM	No Added Cost
9718	14.0R24 G2/L2 1 STAR NO BRAND PREFERRED WITH 3PC RIM	No Added Cost

9719	17.5R25 G2/L2 1 STAR SNOW NO BRAND PREFERRED WITH 1PC RIM	No Added Cost
9720	17.5R25 G2/L2 1 STAR SNOW NO BRAND PREFERRED WITH 3PC RIM	No Added Cost
9723	17.5R25 L2 1 STAR NO BRAND PREFERRED WITH 1PC RIM	No Added Cost
9724	17.5R25 L2 1 STAR NO BRAND PREFERRED WITH 3PC RIM	No Added Cost

Fenders Field Installed Attachments - Optional

9005	Rear Wheel Fenders 18.75 in.(476mm) Rear Wheel Fenders Fenders are not for use with 550 tires. Fenders can only be used with chains that are designed for 3" of radial clearance and 1.75" of sidewall clearance. Use of Tire chains permitted in accordance with SAE J683, and requires removal of front mud flap on rear fenders.	\$3,531.00
------	---	------------

DESTINATION AND LANGUAGE

Operator's Manual and Decals Basic Factory Options - Required

2605	English Manual W/ English Labels & Decals	No Added Cost
2610	Spanish Manual W/ Spanish Labels & Decals	No Added Cost
2615	French Manual W/ French Labels & Decals	No Added Cost
2620	Russian Manual W/ No Text Labels & Decals Required for Russia.	No Added Cost

2625	Portuguese Manual W/ No Text Labels & Decals	No Added Cost
2635	English Manual W/ No Text Labels & Decals	No Added Cost
Operator's Manual and Decals		Field Installed Attachments - Optional
9330	Finish Paint Less Decals For use when custom paint is required Decals packaged with machine. Some decals installed.	No Added Cost
MISCELLANEOUS		
Powertrain		Field Installed Attachments - Optional
AT431337	Autoshift Transmission Field Kit See JDPoint for pricing	\$1,405.50
AT524675	Auto Shift Plus (JDPoint Service Part) Auto-shift Plus allows operators to seamlessly transition from a stop to full speed without shifting or using the inching pedal. This is achieved by modulating the torque through the transmission, instead of the transmission acting as a direct drive. Note: This software can only be purchased through JDPoint. Suggested list price only. Formerly BYT12224	\$3,000.00
BYT10514	Severe Duty Fuel Filter & Water Filtration kit FT4 - 9L Final Tier 4, 9.0L engines only US, Canada, Puerto Rico, Guam	\$606.00
AT381371	Tandem Axle Grease Bank kit Kit provides fittings, mount and lines to both tandem drives. For Graders produced before February 2010.	\$115.00
BYT12426	FT4/S5 Auto Shift Plus - Field Kit Please visit JD Point to order software AT524675	\$149.00
BYT12427	S2/T3 Auto Shift Plus - Field Kit Please visit JD Point to order software AT524675	\$149.00

## Grade Control

## Field Installed Attachments - Optional

AT497134	Software, Auto Articulation (JDPoint Service Part) Requires code 1020 or 1030. Automatically articulate the grader when steering the front wheels. Can be turned on and off by the SSM. Can be operated in forward only or forward and reverse. S/N 693168 and newer Note: This software can only be purchased through JDPoint. Suggested list price only. Formerly BYT11065	\$2,035.00
AT497136	Software, Automation Suite (JDPoint Service Part) Requires code 1020 or 1030 Includes Auto-Articulation, Auto-Pass, Blade Flip and Machine Preset. S/N 693168 and newer Note: This software can only be purchased through JDPoint. Suggested list price only. Formerly BYT11067	\$5,500.00
AT524673	Software, Auto Pass (JDPoint Service Part) Auto Pass reduces operator input of repetitive functions at the beginning and end of grading passes and is programmable through the monitor. Beginning of pass options include: lowering the blade to a pre-determined elevation and enabling SmartGrade automatically (if equipped). End of pass options include: raising the blade, automatically engaging blade flip (if equipped) to rotate the blade to a pre-determined angle, and stowing the ripper. Joystick controls enable beginning of pass and end of pass capabilities. Fingertip controls enable beginning of pass capabilities only.  Note: This software can only be purchased through JDPoint. Suggested list price only. Formerly BYT12214	\$1,526.67
AT497132	Software, Blade Flip (JDPoint Service Part) Requires code 1020 or 1030. Enables the operator to automatically circle the blade to a preset angle by double tapping the circle rotate control. S/N 693168 and newer. Note: This software can only be purchased through JDPoint. Suggested list price only. Formerly BYT11064	\$1,526.00
AT524674	Software, Machine Damage Avoidance (JDPoint Service Part) Requires code 1020 or 1030 Prevents the moldboard from contacting the tires, cab and cab steps. In addition, prevents the saddle linkage from contacting the top of the draft frame. Operator can override as needed. S/N 693168 and newer. Note: This software can only be purchased through JDPoint. Suggested list price only. Formerly BYT12216	\$6,000.00
AT497135	Software, Machine Presets (JDPoint Service Part) Requires code 1020 or 1030. Single button on the SSM activates multiple functions (Return-to-Straight, Auto-shift, lights, etc.). Configurable in monitor. Now includes auto Blade Stow. S/N 693168 and newer.	\$1,526.00

Note: This software can only be purchased through JDPoint.  
 Suggested list price only.  
 Formerly BYT11066

BYT10506	TopCon Grade Control Ready INSTALLED for G models G (antler rack) machines only (requires code 1010). Includes installation of parallel EH valves.	\$22,613.00
BYT10476	Trimble Grade Control Ready Installed for G Models G(Antler Rack) machines only. Includes installation of parallel EH valves.	\$22,613.00
	Overall Vehicle	Field Installed Attachments - Optional
BYT10416	Front Wheel Fenders - 4WD 18.75 in.(476mm) Front Wheel Fenders Not for use with 550 Tires. Use of Tire chains permitted in accordance with SAE J683. S/N 678818 and after.	\$2,191.00
AT367585	Secondary Steering - S2, T3, iT4 Average installation, 12.0 hours. S/N 678817 and before.	\$2,312.00
AT370909	Slow Moving Vehicle Emblem for all T3, IT4 and FT4 Machines	\$102.00
BYT10458	RH Beacon Bracket	\$164.00
AT400762	Rear Wheel Fenders 18.75 in.(476mm) Rear Wheel Fenders Fenders are not for use with 550 tires.  Fenders are not recommended for use with tires chains and are designed for a maximum of 3" of radial clearance and 1.75" of sidewall clearance. Use of Tire chains is permitted in accordance with SAE J683.	\$5,340.00
BYT10457	Heated Mirror	\$205.00
AT438864	Secondary Steering - S2, T3, iT4 Average installation, 12.0 hours. S/N 678818 and after.	\$2,312.00
AT408630	Beacon Strobe kit Light Only	\$238.00

AT345815	Front Wheel Fenders 18.75 in.(476mm) Front Wheel Fenders Not for use with 550 Tires. Use of Tire chains permitted in accordance with SAE J683. S/N 678817 and before.	\$1,795.00
AT457672	Secondary Steering - FT4 Average installation, 12.0 hours. S/N 678818 and after.	\$2,312.00
BYT10459	LH Beacon Bracket	\$164.00
BYT10024	License Plate Bracket and Light For use with FT4 only.	\$164.00
AT399788	Single LED work light with high beam lens Replacement for both 12V & 24V work and drive lamps.	\$428.00
AT399789	Single LED work light with symmetric lens Replacement for both 12V & 24V work and drive lamps.	\$428.00
BYT11439	License Plate Bracket and Light For use with S2/T3 models only.	\$164.00
BYT11475	Secondary Steering Field Kit - FT4, S5 Compatible with all Stage 5 units and FT4 serial number: 706229 +. Please order/download AT514472 Software from JD Point.	\$2,312.00
BYT12858	Air Compressor Field Kit - S2, T3 with Installation S2/T3 serial number: 693169 – current. Includes Installation by Paladin Custom Works	\$8,580.00
BYT12247	Air Compressor Field Kit - S2, T3 S2/T3 serial number: 693169 - current Parts only. Does not include installation. For parts & installation see BYT12858	\$4,070.00

Operator Environment

Field Installed Attachments - Optional

AT430924	Rear Camera Kit (FT4) S/N 678817 and before.	\$2,578.00
AT439193	Rear Camera Field Kit (S2/T3)	\$2,578.00

S/N 678817 and before.

BYT10358	Fingertip Control to Dual Joystick Conversion Kit S/N 678818 and after	\$5,494.00
AT445939	Secondary Monitor Mounting Field Kit This bracket is required to move the monitor to the RH door post when a customer adds (IGC) Integrated Grade Control. S/N 678817 and before.	\$109.00
BYT10357	Dual Joystick to Fingertip Control Conversion Kit S/N 678818 and after	\$5,494.00
BYT10340	Secondary Monitor Mounting Field Kit This bracket is required to move the monitor to the RH door post when a customer adds (IGC) Integrated Grade Control. S/N 678818 and after.	\$109.00
BYT10366	GP Armrest Extension Field Kit Extends GP armrests up 100 MM forward. Widens armrests up to 20 mm each side.	\$240.00
BYT10509	Slope Meter Field Kit For G models only, not compatible with GP. Requires code 1010.	\$51.00
AT411106	Premium AM/FM Radio with Bluetooth, Aux, Weather Band (WB), and XM Ready	\$1,512.00

Moldboard & Circle

Field Installed Attachments - Optional

BYT10147	Dual Input Circle Drive Gearbox (with Slip Clutch) Protects circle, circle drive gearbox and draft frame from damage when end of moldboard comes in contact with stationary objects. Slip clutch is integral to the circle drive assembly and utilizes a wet clutch system. Cannot be used with code 2220 inserts. For use with G-series (code 1010 Standard Hydraulic Controls).	\$7,024.00
AT307731	Moldboard Extension, 24 x 24 x 5/8 In. Right Hand 5/8 in. (16mm) thick Includes 5/8 in. (17mm) Hardware Cutting Edge is not included. - Also available for D-series machines	\$2,686.00
AT307730	Moldboard Extension, 24 X 24 x 5/8 in. Left Hand 5/8 in. (16mm) thick. Includes 5/8 in. (17mm) Hardware Cutting Edge is not included. - Also available for D-series machines	\$2,686.00



AT439814	Grade Pro Moldboard Impact Absorption System For only Grade Pro G-Series Graders.	\$3,827.00
AT439812	Moldboard Impact Absorption System	\$4,155.00
AT341306	Moldboard Extension, 27X 24 X 5/8 In. Left Hand 5/8 in. (16mm) thick Includes 3/4 in. (19mm) Hardware Cutting Edge is not included.	\$2,686.00
AT307732	Moldboard Extension, 27 X 24 X 5/8 In. Left Hand 5/8 in. (16mm) thick Includes 5/8 in. (17mm) Hardware Cutting Edge is not included.	\$2,686.00
AT307733	Moldboard Extension, 27 X 24 X 5/8 In. Right Hand 5/8 in. (16mm) thick Includes 5/8 in. (17mm) Hardware. Cutting Edge is not included.	\$2,686.00
AT341307	Moldboard Extension, 27 X 24 X 5/8 In. Right Hand 5/8 in. (16mm) thick Includes 3/4 in. (19mm) Hardware Cutting Edge is not included.	\$2,686.00
BYT10145	Dual Input Circle Drive Gearbox (with Slip Clutch) for Grade Pro Controls Protects circle, circle drive gearbox and draft frame from damage when end of moldboard comes in contact with stationary objects. Slip clutch is integral to the circle drive assembly and utilizes a wet clutch system. Cannot be used with code 2220 inserts. For use with G-series (code 1020 OR 1030 "Grade Pro" Electro Hydraulic Controls).	\$7,024.00
	Hydraulics	Field Installed Attachments - Optional
BYT12182	5 Function valve section and linkage Left Kit Includes detented float. Installation instructions T213708	\$960.00
BYT12185	7 Function valve section and linkage Left Kit	\$831.00
BYT12184	6 Function valve section and linkage Left Kit	\$923.00
BYT12192	7 Function valve section and linkage Right Kit	\$831.00

BYT12183	Grade Pro EH Controls Hydraulics Auxiliary Section For only Grade Pro G-Series Graders. Requires mini joystick and or dual control levers.	\$1,677.00
BYT12191	6 Function valve section and linkage Right Kit	\$1,187.00
BYT12189	5 Function valve section and linkage Right Kit Includes detented float. Installation instructions T213708	\$1,181.00
BYT12190	One Hand Blade Lift with Control Valve Kit To convert two-handed blade lift controls to one-handed controls on the right side, when the machine is NOT already equipped with a RH 5th function valve. Installation instructions T213709.	\$927.00
	Rear Attachments	Field Installed Attachments - Optional
AT415551	Rear Scarifier Shanks (9) Includes nine (9) each of shanks, retainers, and holders.	\$1,276.00
AT339398	Rear Hitch and Pin	\$656.00
BYT10801	Rear Mounted Ripper/Scarifier Combination Rear Mounted Ripper/Scarifier Combination Includes rear mounted ripper/scarifier with rear hitch and pin, three 2 x 5 inch ripper shanks, cylinders and hoses for rear ripper/scarifier. When not equipped with front mounted equipment, requires ripper hydraulics. Cannot be used with rear hitch. Requires 5th section valve code 6620 or order AT458173. Average installation, 8 hours.	\$11,533.00
	Front Attachments	Field Installed Attachments - Optional
AT439818	Mid-Mount Scarifier with Front Push Block Requires code 6525 Hydraulics. Mid-Mount Scarifier with Push Block cannot be used with Front Scarifier. Not for use with Front Fenders. Recommend Rear Counterweight for better machine balance.	\$17,813.00
AT363681	Front Push Block 2,950 lbs.	\$4,836.00
AT439815	Front Scarifier	\$9,558.00

Includes scarifier with 2 pitch positions and 9 shank pockets, Five 1 x 3 in. scarifier shanks, cylinder and hoses Requires 5th Function Hydraulics. Average installation, 2 hours.

AT439952	Dozer Blade, 105 in. (2667 mm)	\$10,638.00
AT439817	Balderson Style Front Lift Group	\$8,144.00
AT439951	Dozer Blade, 97 in. (2464 mm)	\$10,445.00

Manufacturer's Suggested List Price shown. Retail prices may vary by dealer. Unless stated otherwise, taxes, freight, setup, delivery and other dealer specific charges not included in the pricing. Options/items noted with anything other than price will have additional costs. Pricing, availability, and specifications subject to change without notice. Special program pricing may be available on certain models. See dealer for details. Prices shown are in U.S. dollars and valid only in the U.S.