

# 622G MOTOR GRADER with 6WD



**JOHN DEERE**

01-Mar-2022

| Code   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | QTY | List Price (USD) |
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| 1200DW | 622G MOTOR GRADER with 6WD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   | \$413,496.00     |
|        | <p>Standard Equipment</p> <p>VEHICLE COOLING:<br/>                     Swing-Out, Cool-On-Demand, Hydraulic Fan (32 In.)<br/>                     Enclosed Engine Fan and Fan Drive Guarding (Conforms to ISO 3457)<br/>                     Heavy Duty Aluminum Coolers for Transmission, Axle, Hydraulic, Fuel, Charge Air, Radiator and A/C Condenser.<br/>                     Engine Coolant Surge Tank<br/>                     Cool-Gard II Extended Life Engine Coolant -34 Degrees F (-37 Degrees C)</p> <p>TRANSMISSION:<br/>                     John Deere Powershift Plus<br/>                     Direct Drive, Countershaft Powershift<br/>                     Event Based Shifting (EBS) - Load Sensing Electronic Shift Modulation<br/>                     Over speed Protection<br/>                     Quick Disconnect Pressure Ports<br/>                     Matched 8 Forward and 8 Reverse Speeds<br/>                     Industry Standard U-Shape Shift Pattern<br/>                     Transmission Neutral Lock with Park Start Safety Switch<br/>                     Rubber Isolation Mounting to Reduce Noise and Vibration<br/>                     Independent Oil Reservoir, Filtration and Cooling System with:<br/>                     31 GPM Transmission Hydraulic Gear Pump<br/>                     2000 Hour Vertical Spin-On Filter</p> <p>AXLE, BRAKES AND TANDEMS:<br/>                     Teammate II Axle<br/>                     Planetary Single Reduction Final Drives<br/>                     Internal Self-Adjusting Maintenance Free Wet Multi-Disk Brakes<br/>                     Inboard of Tandem Pivot<br/>                     Continuous Pressurized Filtered Oil Cooled Brakes<br/>                     Independent Oil Reservoir, Filtration and Cooling System with:<br/>                     6.7 GPM Axle Hydraulic Gear Pump<br/>                     2000 Hour Vertical Spin-On Filter<br/>                     Primary and Secondary Service Brakes (Conforms to ISO 3450)<br/>                     Automatic Differential Lock with Override<br/>                     Automatic Spring-Applied Hydraulic Released Parking Brake (Conforms to SAE J1026)<br/>                     14.0 x 24 In. 12 PR (G2) Bias Tires<br/>                     Slip Resistant Platforms on Tandems</p> <p>OPERATORS STATION:<br/>                     Low ROPS/FOPS Air Conditioned Cab (Conforms ROPS ISO 3471 / FOPS ISO 3449 Level II)<br/>                     Rubber Isolation Frame Mounted<br/>                     Keyless Start with Multiple Security Modes<br/>                     Anti-Skid 3 Step Cab Access<br/>                     Fabric Air Suspension Seat with Armrests and Headrest 3 In., (76 mm) Seat Belt w/Retractors (Conforms to SAE J386)</p> |     |                  |
|        | <p>ELECTRICAL:<br/>                     24 Volt System<br/>                     Alternator (dependent on engine emission and optional equipment)<br/>                     Bypass Start Safety Cover on Starter<br/>                     All Light and Wiper Switches have Solid State Electrical Power Distribution System<br/>                     Batteries (2), 1400 CCA with 440 Minute Reserve Capacity<br/>                     Positive Terminal Battery Covers<br/>                     Ground Level Electrical Master Disconnect Switch<br/>                     Electric Fuel Shut off Switch<br/>                     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.<br/>                     Cab Pre-Wired (10 amp) for Beacon, Radio and Auxiliary Circuit<br/>                     Electric Forward Warning Horn (Conforms to ISO 9533)<br/>                     Back up Warning Alarm (Conforms to ISO 9533)<br/>                     Sealed Switch Module with Function Indicators<br/>                     Multi-Function / Multi-Language LCD Color Monitor includes:<br/>                     Clock</p> <p>DIGITAL INSTRUMENTS<br/>                     ANALOG Display:<br/>                     Hydraulic Oil Temperature<br/>                     Engine Coolant Temperature<br/>                     Transmission Oil Temperature<br/>                     Rear Steer Articulation Angle<br/>                     Fuel Level<br/>                     DEF Level (FT4 Only)</p> <p>DIGITAL Display:<br/>                     Engine RPM<br/>                     Transmission Gear Indicator<br/>                     Hour Meter<br/>                     Speedometer<br/>                     Odometer<br/>                     Outside Ambient Temperature<br/>                     Integrated Job Timer and Stop Watch<br/>                     INDICATOR LIGHTS for Standard and Selected Options<br/>                     INDICATOR LIGHTS for Amber Caution and Red Stop<br/>                     OPERATOR WARNING MESSAGES</p> <p>BUILT-IN DIAGNOSTICS:<br/>                     Diagnostic Code Details<br/>                     Sensor Values<br/>                     Calibrations</p> <p>MENU DISPLAY:<br/>                     Codes<br/>                     Machine Settings</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

Diagnostics  
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  
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

1200DW 622G MOTOR GRADER with 6WD 1 \$413,496.00

ENGINE

Engine Basic Factory Options - Required

1145 John Deere PowerTech PSS 6.8L meets EPA FT4 Emissions \$48,480.00

225 Net Peak hp

For use only in areas where EPA Final Tier 4 is required.  
 Requires engine exhaust code 1830 or 1840.

Automatic Exhaust Filter Regeneration  
 Series Turbo Chargers  
 Cooled Exhaust Gas Recirculation  
 4 Valves / Cylinder  
 Wet Sleeve Cylinder Liners  
 ECO Mode  
 Auto-Idle and Programmable Auto-Shutdown  
 Automatic Starter Overload Protection  
 Electronically Controlled HPCR Fuel Delivery System, B20 Biodiesel Compatible  
 Electric Fuel Priming System  
 10-Micron Primary Fuel Filter/Water Separator, 500 hour  
 2-Micron Final Fuel Filter, 500 hour  
 Inline Fuel Strainer  
 Spin-on Oil Filter, 500 hour  
 Oil crankcase filter, Lifetime  
 Auto-Tensioned Serpentine Belt  
 Under Hood Dual Element Air Cleaner with Restriction Indicator  
 Engine Intake Rotary Ejector Precleaner

Exhaust Basic Factory Options - Required

1830 Engine Exhaust W/ Flat Black Stack (FT4 or Stage V only) No Added Cost

Requires engine code 1145

1840 Engine Exhaust W/ Chrome Stack (FT4 or Stage V only) \$703.00

Requires engine code 1145.

Fuel Filtration Basic Factory Options - Required

1410 Standard Fuel & Water Filtration No Added Cost

1420 Severe Duty Fuel & Water Filtration System \$528.00  
 For use where fuel quality is questionable and/or additional water separation is required. Filter base contains fuel heater.

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

9360 Engine Block Heater \$348.00  
 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

9620 Cold Weather Control Valve Covers \$207.00  
 Plastic covers that mount below the cab, shielding the control valve from snow and slowing down hydraulic heat loss in winter.  
 Requires code 1010 standard hydraulics.

Air Cleaner Field Installed Attachments - Optional

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

OPERATOR'S STATION AND CONTROLS

Machine Configuration Basic Factory Options - Required

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| 1010 | Standard Antler Rack Hydraulic Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (\$20,000.00)                    |
| 1020 | <p>Armrest Fingertip Controls</p> <p>Grade Pro Armrest Controls Include:</p> <ul style="list-style-type: none"> <li>* Fingertip controls with industry standard control pattern</li> <li>* Automated Cross Slope control with exclusive Auto-Gain</li> <li>* Integrated grade control (Contact TOPCON, Trimble, or Leica for full install requirements)</li> <li>* Return-to-Straight</li> <li>* Armrest steering control AND conventional steering wheel</li> </ul> <p>Requires alternator code 1220 or 1240 and cab code 5060 or 5070.<br/>                     Includes seat code 6140 and grade pro controls code 6650.</p> | No Added Cost                    |
| 1030 | <p>Dual Joystick Controls</p> <p>Grade Pro Armrest Controls Include:</p> <ul style="list-style-type: none"> <li>* Automated Cross Slope control with exclusive Auto-Gain</li> <li>* Integrated grade control (Contact TOPCON, Trimble, or Leica for full install requirements)</li> <li>* Return-to-Straight</li> <li>* Armrest steering control AND conventional steering wheel</li> </ul> <p>Requires alternator code 1220 or 1240 and cab code 5060 or 5070.<br/>                     Includes seat code 6140 and grade pro controls code 6650.</p>                                                                          | No Added Cost                    |
|      | 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 | <p>Low Cab w/ Lower Front and Side Opening Windows</p> <p>Includes Roof Wiring Harness for Lighting, Beacon, Precleaner and Heated Mirrors</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$1,243.00                       |
| 5035 | <p>Low Cab w/ Fixed Lower Front and Side Opening Windows, Laminated Glass</p> <p>The advantage of laminated glass is that it resists shattering and strongly resists penetration by impacting objects.</p>                                                                                                                                                                                                                                                                                                                                                                                                                      | \$3,087.00                       |
| 5060 | <p>Grade Pro Low Cab w/ Lower Front and Side Opening Windows</p> <p>Requires configuration code 1020 or code 1030 and seat code 6140.<br/>                     Requires (1) T244325 bracket to optionally move monitor to the RH door post.</p>                                                                                                                                                                                                                                                                                                                                                                                 | No Added Cost                    |
| 5070 | <p>Grade Pro Low Cab w/ Fixed Lower Front and Side Opening Windows, Laminated Glass</p> <p>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</p>                                                                                                                                                                                                                                                                                | \$2,190.00                       |

impacting objects.

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| 50A1 | Tall Cab with Lower Fixed Front and Side Opening Windows                                    | \$2,555.00                       |
|      | Camera                                                                                      | Basic Factory Options - Required |
| 8830 | Rear Camera (R4)<br>Rear view camera with a dedicated monitor                               | No Added Cost                    |
| 8835 | Front & Rear Camera (R4)                                                                    | \$2,500.00                       |
|      | Heater and Air Conditioning                                                                 | Basic Factory Options - Required |
| 8625 | With Air Conditioning System                                                                | \$2,146.00                       |
|      | 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).<br>Requires engine code 1145 | \$1,515.00                       |

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| 8420 | No Radio | No Added Cost |
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| Washer and Wiper | Basic Factory Options - Required |
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| 8310 | Lower Front Intermittent Wiper & Washer | \$670.00 |
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| 8320 | Less Lower Front Window Wiper & Wiper | No Added Cost |
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| Cab Air Precleaner | Basic Factory Options - Required |
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| 6010 | Powered Cab Air Precleaner<br>Powered Cab Precleaner pre-filters outside air to significantly extend cab filter life. | \$918.00 |
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| 6030 | No Powered Cab Air Precleaner | No Added Cost |
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| Seat | Basic Factory Options - Required |
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| 6120 | Standard Fabric Air Suspension Seat with Armrests and Headrest<br>For use with cab codes 5020, 5025, 5030 & 5035 | No Added Cost |
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| 6130 | Premium Heated, Leather/Fabric, High-Wide Back, Air Suspension Seat with Armrests<br>For use with cab codes 5020, 5025, 5030 & 5035.<br>This seat does not include a headrest. If a headrest is desired, please order AT361342 from service parts. | \$742.00 |
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| 6140 | Grade Pro Premium Heated, Leather/Fabric, High-Wide Back Air Suspension Seat<br>For use with cab codes 5060 & 5070.<br>This seat does not include a headrest. If a headrest is desired, please order AT361342 from service parts. | No Added Cost |
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| Sound Absorption Package | Basic Factory Options - Required |
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8720 No Sound Absorption Package No Added Cost  
 Requires engine code 1111 or 1115

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 No Added Cost  
 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)

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| 6526 | Grade Pro Controls for Mid Mount Scarifier w/1 Auxiliary Function Control<br><br>Requires codes 1020 OR 1030 AND Mid Mount Scarifier code 6730.<br>Includes base functions plus mid-mount scarifier/auxiliary hoses that run to front of machine<br>Fingertip controls include right hand lever control                                                                                                                                                             | \$1,885.00 |
| 6555 | Grade Pro Controls for Rear Ripper or 1 Rear Auxiliary Function<br><br>Requires code 1020 OR 1030<br>Includes Base functions plus 1 rear auxiliary function w/float control - Rear plumbing and hoses for Ripper or auxiliary application.<br>Fingertip controls include left hand lever control                                                                                                                                                                    | \$1,665.00 |
| 6560 | Grade Pro Controls for Front Scarifier or 1 Front Auxiliary Function<br><br>Requires code 1020 OR 1030<br>Include Base functions plus 1 front auxiliary function w/float control - front plumbing and hoses for Scarifier and/or auxiliary application.<br>Fingertip controls include right hand lever control                                                                                                                                                      | \$1,665.00 |
| 6570 | Grade Pro Controls w/1 Rear Auxiliary Function Control<br><br>Requires code 1020 OR 1030<br>Includes Base functions plus 1 rear auxiliary function w/float control - Rear plumbing and hoses for auxiliary application.<br>Fingertip controls include right hand lever control                                                                                                                                                                                      | \$1,665.00 |
| 6580 | Grade Pro Controls w/1 Front Auxiliary Function AND 2 Rear Auxiliary Functions<br><br>Requires code 1020 OR 1030<br>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.<br>Fingertip controls include left AND right hand lever control<br>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<br><br>Requires code 1020 OR 1030<br>Includes Base functions plus 2 auxiliary - 1 front and 1 rear auxiliary functions w/ float control and plumbing for Scarifier / Ripper applications.<br>Fingertip controls include left AND right hand lever control<br>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<br><br>Requires code 1020 OR 1030<br>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.<br>Fingertip controls include left AND right hand lever control<br>4 independent proportional rollers are reconfigurable for auxiliary functions. | \$6,652.00 |
| 6595 | Grade Pro Controls w/3 Front Auxiliary Function AND 3 Rear Auxiliary Functions<br><br>Requires code 1020 OR 1030<br>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.<br>Fingertip controls include left AND right hand lever control<br>4 independent proportional rollers are reconfigurable for auxiliary functions.                                            | \$9,977.00 |

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

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|------|-------------------------------------------------|----------|
| 9135 | Multi-Purpose Cab Brackets with Grab Handle (2) | \$385.00 |
| 9210 | Decelerator                                     | \$303.00 |
| 9410 | Rear Wiper                                      | \$212.00 |

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

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| 2500 | Topcon Grade Control Base Kit for GP Graders<br>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                                                 | \$5,882.00    |
| 2525 | Trimble Grade Control Base Kit for GP Graders<br>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.<br>Not Compatible with Earthworks<br>Requires code 1020 or 1030 | \$5,882.00    |
| 2575 | No Grade Control Base Kit Installed                                                                                                                                                                                                                                                           | No Added Cost |

Grade Control System Basic Factory Options - Required

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| 2740 | SMARTGRADE 3D GNSS MASTLESS GRADE CONTROL<br>Requires code 1020 or 1030.<br>Not compatible with grade control factory base kits. Example: Topcon Ready (2500)<br>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. | \$79,600.00 |
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2775 No Topcon 3D GPS Grade Control System installed No Added Cost

Mast Mounts Basic Factory Options - Required

2910 Mast Mount \$635.00

2920 No Mast Mount 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 1145  
 Required for Russia

Hydraulic Fan Basic Factory Options - Required

7610 Reversing Fan \$758.00

7620 Non-Reversing Fan No Added Cost

SAMPLE PORTS Field Installed Attachments - Optional

|      |             |          |
|------|-------------|----------|
| 9476 | Sample Port | \$121.00 |
|------|-------------|----------|

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™ | No Added Cost |
|------|---------|---------------|

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.

|      |                   |            |
|------|-------------------|------------|
| 170R | JDLink™ Satellite | \$3,000.00 |
|------|-------------------|------------|

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.

BLADE

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

|      |                                |            |
|------|--------------------------------|------------|
| 1910 | Blade Impact Absorption System | \$3,617.00 |
|------|--------------------------------|------------|

Protects Moldboard and draft frame from impacts with Stationary objects

|      |                                   |               |
|------|-----------------------------------|---------------|
| 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 | \$1,412.00 |
| 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 | \$1,634.00 |

CIRCLE

Basic Factory Options - Required

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 2810 | Single Input Gearbox without Slip Clutch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No Added Cost |
| 2820 | Single Input Gearbox with Slip Clutch<br>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<br>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<br>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.<br><br>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<br>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.<br>Maintenance takes just minutes by greasing the bearing every 500 hours.<br>A 40% increase in circle torque and 15% increase in circle speed compared to the traditional gearbox will reduce cycle times and improve productivity.<br>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.                                                                                                                                                                                                            | \$19,000.00   |

Slip Clutch is included at no additional cost.

## Moldboard and Circle Additional Equipment

Field Installed Attachments - Optional

|      |                                                          |          |
|------|----------------------------------------------------------|----------|
| 9450 | Reversible Overlay End Bits<br>Not available for Russia. | \$536.00 |
|------|----------------------------------------------------------|----------|

## ELECTRICAL

## Alternator

Basic Factory Options - Required

|      |                                                 |          |
|------|-------------------------------------------------|----------|
| 1235 | 130 amp Alternator<br>Requires engine code 1145 | \$412.00 |
|------|-------------------------------------------------|----------|

|      |                                                                       |          |
|------|-----------------------------------------------------------------------|----------|
| 1240 | Dual 100 Amp Alternators (200 Amp total)<br>Requires engine code 1145 | \$954.00 |
|------|-----------------------------------------------------------------------|----------|

## 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)<br>Includes 2-high and 2-low beam halogen headlights plus 2 - reversing lights on rear grill. | No Added Cost |
|------|--------------------------------------------------------------------------------------------------------------------------------------|---------------|

|      |                                                                                                                                                     |          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 7130 | Grading Lights (10 Halogen Lights)<br>Includes light code 7110 Transporting Lights plus (4) additional work lights (2 - bottom cab, 2 - mid-frame). | \$758.00 |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------|

|      |                                                                                                                                                                                    |            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 7160 | Deluxe Grading Lights (18 Halogen Lights)<br>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)<br>Same lighting locations as light code 7160 Deluxe Grading Lights, all Premium Grading Lights are LED. | \$4,104.00 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------|

## Batteries

Basic Factory Options - Required



|                 |                                                                                                                                                     |                                        |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 7525            | 1400CCA Batteries                                                                                                                                   | \$576.00                               |
| <hr/>           |                                                                                                                                                     |                                        |
| 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)<br>Recommend code 8120 for additional 12 volt needs, such as business band or CB radios | \$467.00                               |
| <hr/>           |                                                                                                                                                     |                                        |
| Lighting        |                                                                                                                                                     | Field Installed Attachments - Optional |
| 9270            | Tall ( 26in.(660mm) higher than Standard Frame Lights) Front Snow Plow Light Bar<br>Not for use with code 6730 Mid Mount Scarifier.                 | \$355.00                               |
| 9271            | Front & Rear Light Extensions (Non-EU Countries)<br>Includes rear license plate bracket & light                                                     | \$387.00                               |
| 9273            | Right Side Engine Compartment Work Light                                                                                                            | \$235.00                               |
| 9274            | Left Side Engine Compartment Work Light                                                                                                             | \$231.00                               |
| 9275            | License Plate Bracket and Light                                                                                                                     | \$161.00                               |
| 9276            | Front License Plate Bracket<br>Bracket is mounted to the front center of the operator station roof. Does not include a light                        | \$37.00                                |
| <hr/>           |                                                                                                                                                     |                                        |
| Beacon Lighting |                                                                                                                                                     | Field Installed Attachments - Optional |
| 9290            | Flip Down Cab Beacon Bracket (RH)                                                                                                                   | \$158.00                               |

Order codes 9290 and 9295 for dual beacon brackets.

|      |                                                                                          |          |
|------|------------------------------------------------------------------------------------------|----------|
| 9295 | Flip Down Cab Beacon Bracket (LH)<br>Order codes 9290 and 9295 for dual beacon brackets. | \$158.00 |
|------|------------------------------------------------------------------------------------------|----------|

|      |                                                                                                                              |          |
|------|------------------------------------------------------------------------------------------------------------------------------|----------|
| 9298 | Beacon with Flip Down Cab Beacon Bracket (RH)<br>Includes beacon and bracket.<br>Order codes 9298 and 9299 for dual beacons. | \$680.00 |
|------|------------------------------------------------------------------------------------------------------------------------------|----------|

|      |                                                                                                                              |          |
|------|------------------------------------------------------------------------------------------------------------------------------|----------|
| 9299 | Beacon with Flip Down Cab Beacon Bracket (LH)<br>Includes beacon and bracket.<br>Order codes 9298 and 9299 for dual beacons. | \$680.00 |
|------|------------------------------------------------------------------------------------------------------------------------------|----------|

FRONT AND REAR COMPONENTS

Front Attachments

Basic Factory Options - Required

|      |                                                                   |            |
|------|-------------------------------------------------------------------|------------|
| 6715 | Front Push Block<br>2,000 lbs.<br>Optimized for 620G/622G Models. | \$2,960.00 |
|------|-------------------------------------------------------------------|------------|

|      |                                                                                                                                                                                                                                                                                                                                     |            |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 6720 | Front Scarifier<br>Includes Front Hydraulics, plumbing and hoses<br>Scarifier with 2 pitch positions and 9 shank pockets<br>Five 1 x 3 inch Scarifier Shanks w/teeth<br>If additional shanks are desired order (1) each of T6Y5230 Tooth, T114792 Shank and T104223 Retainer for each set.<br>Can not be used with 6550 Hydraulics. | \$9,485.00 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|

|      |                                                                                                                                                                                                                                                                                    |             |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 6730 | Mid-Mount Scarifier with Integrated Front Push Plate<br>Requires hydraulic code 6525 or 6526<br>Mid-Mount Scarifier with Push Block Can not be used with Front Scarifier.<br>Not for use with Front Fenders Code 7810.<br>Recommend Rear Counterweight for better machine balance. | \$16,909.00 |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|

|      |                                                                                                                                                                                                                                          |            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 6740 | Balderson Style Front Lift Group<br>Requires hydraulic code 6520, 6530, 6540, 6560, 6580, 6585, 6590, or 6595.<br>(2) AT367896 Mating Hooks from Parts are available to convert old front attachments to the Bladerson-style lift group. | \$7,984.00 |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|

|      |                       |               |
|------|-----------------------|---------------|
| 6750 | Less Front Attachment | No Added Cost |
|------|-----------------------|---------------|

|      |                                                                                                                                                                                                   |             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 6770 | Front-Mounted Dozer Blade, 97 in. x 37.6 in. (2464 mm x 955 mm)<br>Requires hydraulic controls on the right side with a minimum 1 front auxillary function.<br>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) \$10,558.00  
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.

Rear Attachments Basic Factory Options - Required

6810 Rear Mounted Ripper/Scarifier Combination with Rear Hitch and Pin \$18,663.00  
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.

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

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

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 \$1,524.00  
Requires Code 6810 Ripper/Scarifier.

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 | \$213.00 |
|------|-----------------------------------|----------|

Required with engine code 1145.  
 Required for Russia.

Recommended for snow plowing applications

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.

13.0-24 16 PR G2 Bias Tires With 3 Piece Rims

|      |               |             |
|------|---------------|-------------|
| 4216 | Firestone SGG | \$15,941.00 |
|------|---------------|-------------|

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 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 3 Piece Rims              |                        |             |
| 4516                                                          | Firestone SGG          | \$22,276.00 |
| 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 3 Piece Rims |                                  |
| 4626 | Michelin XHA2                                            | \$32,190.00                      |
|      | 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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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                             |
| 9716             | 14.0R24 G2/L2 1 STAR SNOW NO BRAND PREFERRED WITH 3PC RIM                                                                                                                                                                                                                                                        | No Added Cost                          |



|      |                                                      |               |
|------|------------------------------------------------------|---------------|
| 9718 | 14.0R24 G2/L2 1 STAR NO BRAND PREFERRED WITH 3PC RIM | No Added Cost |
|------|------------------------------------------------------|---------------|

|      |                                                           |               |
|------|-----------------------------------------------------------|---------------|
| 9720 | 17.5R25 G2/L2 1 STAR SNOW NO BRAND PREFERRED WITH 3PC 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<br>18.75 in.(476mm) Rear Wheel Fenders<br>Fenders are not for use with 550 tires.<br>Fenders can only be used with chains that are designed for 3" of radial clearance and 1.75" of sidewall clearance.<br>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 |
|------|-----------------------------------------|---------------|

|      |                                           |               |
|------|-------------------------------------------|---------------|
| 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 | No Added Cost |
|------|--------------------------|---------------|

For use when custom paint is required  
 Decals packaged with machine. Some decals installed.

MISCELLANEOUS

Powertrain

Field Installed Attachments - Optional

AT431337      Autoshift Transmission Field Kit      \$1,405.50  
 See JDPoint for pricing

AT524675      Auto Shift Plus (JDPoint Service Part)      \$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.  
 Note: This software can only be purchased through JDPoint.  
 Suggested list price only.  
 Formerly BYT12224

BYT10515      Severe Duty Fuel Filter & Water Filtration kit FT4 - 6.8L      \$646.00  
 Final Tier 4, 6.8L Engines only US, Canada, Puerto Rico, Guam

BYT12427      S2/T3 Auto Shift Plus - Field Kit      \$149.00  
 Please visit JD Point to order software AT524675

BYT12426      FT4/S5 Auto Shift Plus - Field Kit      \$149.00  
 Please visit JD Point to order software AT524675

Grade Control

Field Installed Attachments - Optional

AT524674      Software, Machine Damage Avoidance (JDPoint Service Part)      \$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.  
 S/N 693168 and newer.  
 Note: This software can only be purchased through JDPoint.  
 Suggested list price only.  
 Formerly BYT12216

AT497132      Software, Blade Flip (JDPoint Service Part)      \$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.  
 S/N 693168 and newer.  
 Note: This software can only be purchased through JDPoint.  
 Suggested list price only.

Formerly BYT11064

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| AT524673 | Software, Auto Pass (JDPoint Service Part)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$1,526.67                             |
|          | <p>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.<br/>Joystick controls enable beginning of pass and end of pass capabilities.<br/>Fingertip controls enable beginning of pass capabilities only.</p> <p>Note: This software can only be purchased through JDPoint.<br/>Suggested list price only.<br/>Formerly BYT12214</p> |                                        |
| AT497134 | Software, Auto Articulation (JDPoint Service Part)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | \$2,035.00                             |
|          | <p>Requires code 1020 or 1030.<br/>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.<br/>S/N 693168 and newer<br/>Note: This software can only be purchased through JDPoint.<br/>Suggested list price only.<br/>Formerly BYT11065</p>                                                                                                                                                                                                                                                                                                                                                                                       |                                        |
| AT497136 | Software, Automation Suite (JDPoint Service Part)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$5,500.00                             |
|          | <p>Requires code 1020 or 1030<br/>Includes Auto-Articulation, Auto-Pass, Blade Flip and Machine Preset.<br/>S/N 693168 and newer<br/>Note: This software can only be purchased through JDPoint.<br/>Suggested list price only.<br/>Formerly BYT11067</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        |
| AT497135 | Software, Machine Presets (JDPoint Service Part)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | \$1,526.00                             |
|          | <p>Requires code 1020 or 1030.<br/>Single button on the SSM activates multiple functions (Return-to-Straight, Auto-shift, lights, etc.). Configurable in monitor.<br/>Now includes auto Blade Stow.<br/>S/N 693168 and newer.<br/>Note: This software can only be purchased through JDPoint.<br/>Suggested list price only.<br/>Formerly BYT11066</p>                                                                                                                                                                                                                                                                                                                                                                                      |                                        |
| BYT10506 | TopCon Grade Control Ready INSTALLED for G models                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$22,613.00                            |
|          | <p>G (antler rack) machines only (requires code 1010). Includes installation of parallel EH valves.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                        |
| BYT10476 | Trimble Grade Control Ready Installed for G Models                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | \$22,613.00                            |
|          | <p>G(Antler Rack) machines only. Includes installation of parallel EH valves.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |
|          | Overall Vehicle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Field Installed Attachments - Optional |
| BYT10346 | Reversing Fan (FT4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$773.00                               |

Convert machine with non-reversing cooling fan to automatic reversing with adjustable time intervals. Only for 620 and 622 models.

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| BYT10417 | Front Wheel Fenders - 6WD<br>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 |
| AT370909 | Slow Moving Vehicle Emblem for all T3, IT4 and FT4 Machines                                                                                                                                                                                                                                                                 | \$102.00   |
| BYT10458 | RH Beacon Bracket                                                                                                                                                                                                                                                                                                           | \$164.00   |
| AT400762 | Rear Wheel Fenders<br>18.75 in.(476mm) Rear Wheel Fenders<br>Fenders are not for use with 550 tires.<br><br>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.<br>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<br>Average installation, 12.0 hours. S/N 678818 and after.                                                                                                                                                                                                                                 | \$2,312.00 |
| AT408630 | Beacon Strobe kit<br>Light Only                                                                                                                                                                                                                                                                                             | \$238.00   |
| AT457672 | Secondary Steering - FT4<br>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<br>For use with FT4 only.                                                                                                                                                                                                                                                                   | \$164.00   |
| AT399788 | Single LED work light with high beam lens<br>Replacement for both 12V & 24V work and drive lamps.                                                                                                                                                                                                                           | \$428.00   |
| AT399789 | Single LED work light with symmetric lens                                                                                                                                                                                                                                                                                   | \$428.00   |

Replacement for both 12V & 24V work and drive lamps.

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|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| BYT11439 | License Plate Bracket and Light<br>For use with S2/T3 models only.                                                                                                     | \$164.00   |
| BYT11475 | Secondary Steering Field Kit - FT4, S5<br>Compatible with all Stage 5 units and FT4 serial number: 706229 +.<br>Please order/download AT514472 Software from JD Point. | \$2,312.00 |
| BYT12247 | Air Compressor Field Kit - S2, T3<br>S2/T3 serial number: 693169 - current Parts only.<br>Does not include installation. For parts & installation see BYT12858         | \$4,070.00 |
| BYT12858 | Air Compressor Field Kit - S2, T3 with Installation<br>S2/T3 serial number: 693169 – current.<br>Includes Installation by Paladin Custom Works                         | \$8,580.00 |

Front Attachments

Field Installed Attachments - Optional

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|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| BYT10532 | Front Push Block<br>2,000 lbs. Optimized for 620G/622G models                                                                                                                                                                                 | \$3,019.00  |
| AT439952 | Dozer Blade, 105 in. (2667 mm)                                                                                                                                                                                                                | \$10,638.00 |
| AT363681 | Front Push Block<br>2,950 lbs.                                                                                                                                                                                                                | \$4,836.00  |
| AT439818 | Mid-Mount Scarifier with Front Push Block<br>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 |
| AT439815 | Front Scarifier<br>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.                                        | \$9,558.00  |
| AT439817 | Balderson Style Front Lift Group                                                                                                                                                                                                              | \$8,144.00  |
| AT439951 | Dozer Blade, 97 in. (2464 mm)                                                                                                                                                                                                                 | \$10,445.00 |

Moldboard & Circle Field Installed Attachments - Optional

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|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| AT307731 | Moldboard Extension, 24 x 24 x 5/8 In. Right Hand<br>5/8 in. (16mm) thick<br>Includes 5/8 in. (17mm) Hardware<br>Cutting Edge is not included.<br>- Also available for D-series machines | \$2,686.00 |
| AT307730 | Moldboard Extension, 24 X 24 x 5/8 in. Left Hand<br>5/8 in. (16mm) thick.<br>Includes 5/8 in. (17mm) Hardware<br>Cutting Edge is not included.<br>- Also available for D-series machines | \$2,686.00 |
| AT439814 | Grade Pro Moldboard Impact Absorption System<br>For only Grade Pro G-Series Graders.                                                                                                     | \$3,827.00 |
| AT439812 | Moldboard Impact Absorption System                                                                                                                                                       | \$4,155.00 |

Hydraulics Field Installed Attachments - Optional

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|----------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|
| BYT12191 | 6 Function valve section and linkage Right Kit                                                                                                | \$1,187.00 |
| BYT12184 | 6 Function valve section and linkage Left Kit                                                                                                 | \$923.00   |
| BYT12185 | 7 Function valve section and linkage Left Kit                                                                                                 | \$831.00   |
| BYT12192 | 7 Function valve section and linkage Right Kit                                                                                                | \$831.00   |
| BYT12189 | 5 Function valve section and linkage Right Kit<br>Includes detented float. Installation instructions T213708                                  | \$1,181.00 |
| BYT12183 | Grade Pro EH Controls Hydraulics Auxiliary Section<br>For only Grade Pro G-Series Graders. Requires mini joystick and or dual control levers. | \$1,677.00 |

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| BYT12190             | One Hand Blade Lift with Control Valve Kit<br>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                               |
| BYT12182             | 5 Function valve section and linkage Left Kit<br>Includes detented float. Installation instructions T213708                                                                                                                                 | \$960.00                               |
| Operator Environment |                                                                                                                                                                                                                                             | Field Installed Attachments - Optional |
| BYT10358             | Fingertip Control to Dual Joystick Conversion Kit<br>S/N 678818 and after                                                                                                                                                                   | \$5,494.00                             |
| BYT10357             | Dual Joystick to Fingertip Control Conversion Kit<br>S/N 678818 and after                                                                                                                                                                   | \$5,494.00                             |
| BYT10340             | Secondary Monitor Mounting Field Kit<br>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                               |
| BYT10509             | Slope Meter Field Kit<br>For G models only, not compatible with GP. Requires code 1010.                                                                                                                                                     | \$51.00                                |
| BYT10366             | GP Armrest Extension Field Kit<br>Extends GP armrests up 100 MM forward. Widens armrests up to 20 mm each side.                                                                                                                             | \$240.00                               |
| AT411106             | Premium AM/FM Radio with Bluetooth, Aux, Weather Band (WB), and XM Ready                                                                                                                                                                    | \$1,512.00                             |
| Rear Attachments     |                                                                                                                                                                                                                                             | Field Installed Attachments - Optional |
| AT415551             | Rear Scarifier Shanks (9)<br>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                                                                                                                                                                                                   | \$11,533.00                            |

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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.

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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.