### 1210G FORWARDER





### OPTIMIZED, NEVER COMPROMISED.

For over a half-century, our forward-thinking forwarders have been leading the way in the woods. Then we put some serious thought from loggers like you into making them even more productive. Proven components like a durable boom, robust and reliable axles, plus streamlined electrical systems are a few of your best ideas designed to help our machines withstand the toughest logging environments. The versatile John Deere 1210G Forwarder is built to deliver uncompromising performance for your operation.

#### Turn things around

Rotating and smooth-leveling cab turns 290 degrees, providing 360-degree visibility of boom movements and the surrounding jobsite, for safe, efficient log loading. Optional rotating and leveling suspended cab keeps operators balanced and comfortable in steep and uneven terrain.

#### Smart solution

Optional Intelligent Boom Control (IBC) makes boom operations more precise and productive compared to the same machine not equipped with IBC. Joysticks configurable to user preference let operators run their preferred control pattern. IBC makes load handling more efficient and boosts productivity.

#### Shoulder the load

Duraxle<sup>™</sup> heavy-duty (HD) bogie axles available in the 1210G are designed to carry hefty loads over long distances. Robust axles together with increased diesel power deliver solid tractive performance in every operating condition.

### ROTATING/LEVELING CAB TURNS 290° FOR 360° VISIBILITY

#### Work your way

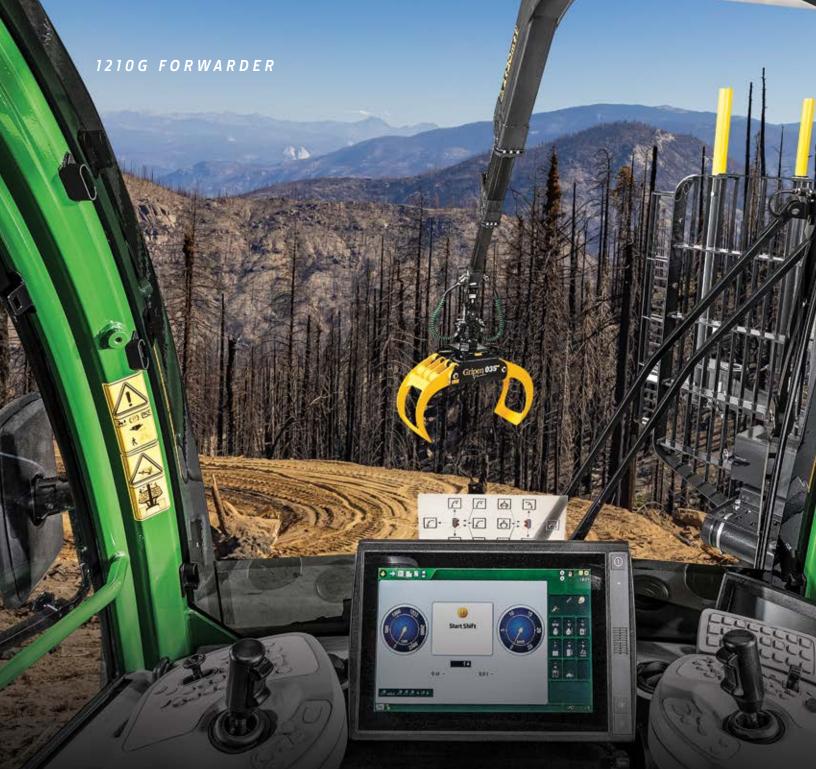
Choose the driving mode that matches conditions, and Adaptive Driveline Control automatically adjusts engine load to keep rpm steady. Select **Normal** for everyday operation or **Power** in high-load situations. For lighter demands, **Economy** reduces engine speed and noise, while improving fuel efficiency.

#### Fan favorite

Hydraulic-driven variable-speed fan available in the 1210G runs only as needed, reducing fuel consumption and debris flow through the cooler cores. Program it to reverse at periodic intervals to clear coreclogging buildup.

#### Take the long view

Long-bogie configuration available for the 1210G delivers lower ground pressure than standard bogie models, for logging in soft terrain. It also improves the sideways stability of the rear frame while driving.



## PUT TECHNOLOGY TO WORK IN THE WOODS AND AT THE OFFICE.

Coordinate your operation and your team's productivity from wherever your work takes you with John Deere Precision Forestry and our core technology solutions.



CONNECTS YOUR OPERATION TO DEALER & FACTORY EXPERTISE

### FEATURES

#### **Core intelligence**

Your John Deere Forestry machine arrives from the factory equipped with a powerful set of technologies and capabilities already built in. Each plays an important role in managing the health and performance of your overall equipment fleet:

- JDLink<sup>™</sup> connectivity and the John Deere Operations Center<sup>™</sup> let you track your equipment, see which machines are working, and know if they're being utilized properly and at maximum productivity and efficiency.
- John Deere Connected Support leverages a suite of dealer and factory tools designed to deliver increased uptime and productivity, and lower daily operating costs.
- Remote Diagnostics and Programming Capability within John Deere Connected Support helps your dealer warn you of any issue with your machine — often before you know of the problem yourself — and initiate solutions without charging you for a technician's visit to your jobsite.
- Our advanced dual approach to
   Machine Health combines the expertise of the technology specialists at our dealerships with the data specialists at our central Machine Health Monitoring Center (MHMC). As part of John Deere Connected Support, information from thousands of connected machines flows through the MHMC, enabling our specialists to identify trends and develop new and improved preventative-maintenance and repair protocols.

#### **Precision Forestry**

Take the guesswork out of planning, implementing, and monitoring your logging operation. The tools of our production-planning and -tracking system expand on the core technology features that come standard in every John Deere Forestry machine to unleash a powerful new array of possibilities:

- TimberMatic<sup>™</sup> Maps is an innovative onboard software solution that helps you reimagine your jobsites. Real-time production views and shared wireless connections between machines make it easier than ever before to take your forestry operation to the next level.
- TimberManager<sup>™</sup> is a web-based solution for PCs, tablets, and mobile phones that allows you to follow jobsite progress. Combined with TimberMatic Maps, this software provides complete visibility of your operation — from land harvested to specific machines — so you can streamline communication, analyze tasks, and increase productivity:
  - Remote Monitoring keeps tabs on the health and performance of your fleet from wherever you are.
  - Precise Progress Tracking lets you set goals for your team to meet throughout the day.
  - Live Production View displays production progress by assortment, timber volume harvested, and volume transported to roadside storage.
  - Simplified Mapping of machine data and GPS-based location tracking shows production by assortment.
  - Real-Time Updates let you adjust course or eliminate tasks if needed to maintain steady workflow.
  - Fleet Optimization goes beyond machine management to help improve the efficiency of your business.

# **1210G** FOWARDER SPECIFICATIONS

Load Rating13 000 kg (28,660 lb.)Manufacturer and ModelJohn Deere PowerTech" Plus 6068Non-Road Emissions StandardEPA Final Tier 4/EU Stage V / EU Tier 2/Stage IINet Peak Power156 kW (209 hp) at 1,600–1,900 rpmNet Peak Torque935 Nm (690 ftlb.) at 1,300–1,500 rpmFuel Tank Capacity167 L (44 gal.)TractissionTractive ForceNydrostatic-mechanical, 2-speed gearboxTractive Force175 kN (39,340 lbf.)Travel Speed-Gear 10–7,5 km/h (0–4.3 mph)Gear 20–23 km/h (0–14.3 mph)SteeringProportional steering with electrical joystickTurning Angle44 deg.				
Manufacture and MadelJohn Deere Power Reh <sup>T</sup> Plus 6068Manufacture and MadelEPA Frain Tier Af VES Stope V / EU Tre Z/Stope IINet Peak Power95 KW (200 Pp) at 1600-1900 pmNet Peak Power95 KM (200 Pp) at 1600-1900 pmFuel Tank Capacity167 L (44 gal.)Tearsmitsion"Hydrostate-mechanical, 2 speed gearbox75 kN (193 Z40 lbf.]Tractive Force0 -75 km/n (0 -4.3 mph)Gear 10 -75 km/n (0 -4.3 mph)Gear 20 -23 km/n (0 -4.3 mph)Stearing0 -72 km/n (0 -4.3 mph)Stearing44 deg.Proportional stearing with electrical joystickTurning AngleVaring Angle44 deg.ProkenSpring actuated, oil-immersed, multi-discProkenSpring actuated, oil-immersed, multi-discProkenSpring actuatedFromeSingle rigid asle, non-balanced-or balanced-gear heavy-duty (HD) bagie axleRetHydraulically actuated, oil-immersed, functi-discProkenSingle rigid asle, non-balanced-or unbalanced long bagie LGP)ElectricalLEDHernaro150 ALiegtrisLEDHernaro150 ALiegtrisLEDHydraulically Pressure2 ANP3 Z40 DB.]ElectricalHornaroTornard StearingSingle rigid asle, non-balanced-or balanced-gear heavy-duty (HD) bagie axleRetSingle rigid asle, non-balanced-or balanced-gear heavy-duty (HD) bagie axleRetSingle rigid asle, non-balanced-or balanced-gear heavy-duty (HD) bagie axleRet <td< td=""><td>Engine</td><td colspan="3">1210G 6WD / 8WD</td></td<>	Engine	1210G 6WD / 8WD		
Non-Bad Emissions StandardEPA Final Trie 4/EU Stage V /EU Tier 2/Stage IINon-Bad Emissions154 Life (360–1300 pmNet Pak Norque955 Nn (690 ft-lub, lat J300–1500 pmFiel Tak Capadity157 Life (360 ft-lub, lat J300–1500 pmUnsmission	5			
Net Pek Torque156 WV (200 pp) at 160 <sup>0</sup> -1000 rpmFuel Tank Capacity167 L (44 gal.)Instraintsion175 NN (1903 ft-hb at 1300-1500 rpmInstraintsion175 NN (1933 ft-hb at 1300-1500 rpmInstraintsion175 NN (1933 ft-hb at 1300-1500 rpmInstraintsion175 NN (1933 ft-hb at 1300-1500 rpmInstraintsion0-75 km/h (0-4.3 mph)Gear 10-75 km/h (0-4.3 mph)Gear 20-23 km/h (0-4.3 mph)Steading44 deg.Dirica Steading44 deg.Dirica SteadingSpring actuated, oil-immersed, multi-discPayoritonal steering with electrical joystickHydraulically actuated, oil-immersed, multi-discStraing AngleAutomatedMatrix JC RegregercySpring actuatedStraing CangeAutomatedMatrix JC RegregercySingle rigid axle, non-balanced-or balanced-gear heavy-duty (HD) bagie axleRearBalanced-gear HD bagie axie or unbalanced long bagie L(SP)ElectricalLeoValtag24 voltBatteries145 AhAlternatorISO ALightsLeoHydraulically containtLeo XhP (10 m) (10 cu. in.)Operating Pressure24 NP (128 ft.)GoardCf7Maximu Reach LengthsSin (129 ft.) / 10 m (128 ft.)BornTippeFyreFixed, rotating, or rotating and levelingRotating Angle20 deg.Cost Lifting Forque120 deg.Stewing Angle30 deg.Cost Lifting Forque120 deg.Fo				
Net Pask Torque935 Mn (650 ft b.) at 1,200 - 1,500 rpmFuel Tank Capacity167 L (44 gal.)Fuel Tank Capacity167 L (44 gal.)France Speed		5 5		
Fuel Tank Capacity         Io7 L [44 gal.]           Transmission         Iorasmission           Hydrostic=mechanical, 2-speed gearbox         Tractive Force           Gear 1         0-75 km/h [0-4.3 mph]           Gear 2         0-23 km/h [0-4.3 mph]           Steering         Vertex and the second secon				
Transmission         Tractive Force         175 kN (39,340 lbF.)           Tractive Force         175 kN (39,340 lbF.)           Trevel Speed         -23 km/h (0-4.3 mph)           Gear 1         0-75 km/h (0-4.3 mph)           Gear 1         0-75 km/h (0-4.3 mph)           Steering         -23 km/h (0-4.3 mph)           Steering         44 deg.           Proportional steering with electrical joystick         Turning Angle           Varing Angle         44 deg.           Brakes         String Arouad Cally actuated. oil-immersed, multi-disc           Parking/Emergency         Spring actuated           Frame         Automated           Atles: Apolysis         Differential lock in front and rear           Axles:         Single rigid axle, non-balanced-or balanced-gear heavy-duty (HD) bogie axle           Rear         Balanced-gear HD bogie axle or unbalanced long bogie (LGP)           Electrical         Valaga           Atternator         ISO A           Lights         LED           Hydraulical         Valaga           Long Smrsing         Pump Capacity           Operating Pressure         24 MPa (24.80 psi)           Hydraulical Cank         ISO L4/3 gal.           Bon         To and the set long the set long the long				
Hydrostic-mechanical, 2-speed gearboxT5 kM (39,340 lbf.)Tracture Force0-25 km/h (0-43 mph)Gear 20-23 km/h (0-43 mph)SteeringUProportional steering with electrical joystickVTurning Angle44 deg.BrakesVServiceHydraulically catuated, oil-immersed, multi-disc.Parking/EmergencySpring actuatedFrameAutomatedAders/BogiesVUnforential lock in front and rearAders/BogiesSingle rigid axle, non-balanced- or balanced -gear heavy-duty (HD) bogie axleRearBalanced- gear HD bogie axle or unbalanced long bogie (LGP)ElectricalVoltageVoltage4/4 voltSterring150 ALightsLEDHydraulical Takan (LGP)Single rigid axle, non-balanced - or balanced long bogie (LGP)ElectricalVoltagePront150 AAlternator150 ALightsLEDHydraulicsLEDUnitical SteringIE or hi(10.0 c. in.)Operation J Pressure24 MPa (3480 psi)Hydraulic TankIE or hi(10.0 c. in.)Operation J Pressure24 Km (32.000 ftb.)Steering AngleSingle catuating, or rotating and levelingGross Lifting Torque12 kkm (32.000 ftb.)Steering Angle20 deg.TitSingle catuating, or rotating and levelingRotard Angle10 deg.Forrord and Backward6 deg.Cotto J Stem10 deg.Forrord and B	Fuel Tank Capacity			
Tract Speed           Gear 1         075 km/h 1043 mph)           Gear 2         023 km/h (043 mph)           Sterring         Sterring           Sterring         Sterring           Sterring         Sterring           Sterring         Sterring           Sterring         Sterring           Operativ         Single rigid axle, non-balanced-or balanced-gear heavy-duty (HO) bogie axle           Rea         Balanced-gear HD bogie axle or unbalanced long bogie (LGP)           Electrical	Transmission			
Travel Speed	Hydrostatic-mechanical, 2-speed gearbox			
Gear 1     0-75 km/h (0-43 mph)       Gear 2     0-23 km/h (0-44.3 mph)       Steering     Intring Angle       Proportional steering with electrical joystick     Intring Angle       Brakes     Intring Angle       Brakes     Hydraulically actuated, oil-immersed, multi-disc       Parking/Emergency     Spring actuated       Frame     Automated       Ads:/Sojies     International steering with electrical joystick       Erectrical lock in front and rear     Ads:/Sojies       Ads:/Sojies     International steering with electrical graph actuated, one-balanced-opear heavy-duty (HD) bogie axle       Rear     Balanced-gear HD bogie axle or unbalanced long bogie (LGP)       Electrical     Voltage       Voltage     24 volt       Batteries     145 Ah       Alternator     ISO A       Lights     LED       Hydraulica     LED       Hydraulica     Voltage       Boon     Internation       Type     CF7       Maximum Reach Lengths     8.5 m(27 sft.) 10 m (32.8 ft.)       Sewing Torque     32 kNm (24,000 ftlb.)       Sewing Torque     320 kdeg.       C	Tractive Force	175 kN (39,340 lbf.)		
Gear 20-23 km/h (0-14.3 m/h)SteeringVecoustional steering with electrical joystickProportional steering with electrical joystickVecoustical steering with electrical joystickTurning Angle4 deg.BrakesSpring actuated, oil-immersed, multi-discParking/EmergencySpring actuatedFrameAutomatedActes/BogitsVecoustical actuatedDifferential lock in front and rearSingle rigid axle, non-balanced- or balanced-gear heavy-duty (HD) bogie axleRearBianced-gear HD bogie axle or unbalanced long bogie [LGP]ElectricalVecoustical actuatedRearBianced-gear HD bogie axle or unbalanced long bogie [LGP]Batteries165 AnAlternatorI50 ALightsLEDHydraulitaI50 ALoad sensingVecoustical ActuatedPyregSing (LGP)BoomYear (LG) cu. in.)Operating Pressure24 MP 13 480 psiAndring Pressure161 LeG 3 gal.)BornSing (LGP)Sing Angle30 deg.Grapa LightsSing (LGP) (LGP)Siewing Torque32 kN/m (22,000 ftlb.)Siewing Torque30 deg.Siewing Angle30 deg.Cottor SystemYear, orating, or orating and levelingRotard and Backward10 deg.Forward and Backward60 deg.Cottor SystemI0 deg.Forward and Backward60 deg.Cottor KateSend Actuation Control (SDC) algorithm	Travel Speed			
Steering         ************************************	Gear 1	0–7.5 km/h (0–4.3 mph)		
Proportional steering with electrical joystick         44 deg.           Turning Angle         44 deg.           Brakes	Gear 2			
Turning Angle         44 deg.           Brakes            Service         Hydraulically actuated, oil-immersed, multi-disc           Parking/Emergency         Spring actuated           Atter/Bogites            Unifyed Emergency         Automated           Atter/Bogites            Offferential lock in front and rear            Arter         Balanced-gear HD bogie axle or unbalanced-or balanced-gear heavy-duty (HD) bogie axle           Rear         Balanced-gear HD bogie axle or unbalanced long bogie (LGP)           Electrical            Voltage         24 volt           Batteries         145 Ah           Atternator         LED           Hydraulits         LED           Hydraulits         LeD           Depresure         24 MPa (3,480 psi)           Hydraulits         IGI L (43 gal.)           Boarn         ES (7.9 ft.) / 10 m (32.8 ft.)           Gross Lifting Torque         38 Mm (22,000 ftlb.)           Slewing Angle         30 deg.           Cabin         Torque Size (200 ftlb.)           Slewing Angle         30 deg.           Cabin         Side dgs.           Tit         Side dgs.	Steering			
Turning Angle         44 deg.           Brakes            Service         Hydraulically actuated, oil-immersed, multi-disc           Parking/Emergency         Spring actuated           Atter/Bogites            Unifyed Emergency         Automated           Atter/Bogites            Offferential lock in front and rear            Arter         Balanced-gear HD bogie axle or unbalanced-or balanced-gear heavy-duty (HD) bogie axle           Rear         Balanced-gear HD bogie axle or unbalanced long bogie (LGP)           Electrical            Voltage         24 volt           Batteries         145 Ah           Atternator         LED           Hydraulits         LED           Hydraulits         LeD           Depresure         24 MPa (3,480 psi)           Hydraulits         IGI L (43 gal.)           Boarn         ES (7.9 ft.) / 10 m (32.8 ft.)           Gross Lifting Torque         38 Mm (22,000 ftlb.)           Slewing Angle         30 deg.           Cabin         Torque Size (200 ftlb.)           Slewing Angle         30 deg.           Cabin         Side dgs.           Tit         Side dgs.	Proportional steering with electrical joystick			
Brakes         Hydraulically actuated           Service         Hydraulically actuated           Parking/Emergency         Spring actuated           Automated         Automated           Altes/Bogies         Differential lock in front and rear           Axles         Front           Rear         Balanced-gear HD bogie axle or unbalanced-or balanced-gear heavy-duty (HD) bogie axle           Rear         Balanced-gear HD bogie axle or unbalanced long bogie (LGP)           Electrical         Voltage           Voltage         24 volt           Batteries         145 Ah           Alternator         L50 A           Lights         LED           Hydraulical         Form Pressure           Operating Pressure         24 MPa (3A80 psi)           Hydraulica Tank         IG1 L (43 gal.)           Boom         Torque           Type         CF7           Maximum Reach Lengths         85 m (279 fc1.)/10 m (32.8 fc.)           Gross Lifting Torque         125 kNm (92,000 fclb.)           Slewing Angle         380 deg.           Cabin         Torque           Type         Fixed, rotating, or rotating and leveling           Rotating Angle         290 deg.           Titt		44 deg.		
ServiceMydraulically actuated, oil-immersed, multi-discParking/EmergencySpring actuatedParking/EmergencyAutomatedAntes/SogiesChifferential lock in front and rearAxlesSingle rigid xale, non-balanced-ogen heavy-duty (HD) bogie axleRearBalanced-gear HD bogie axle or unbalanced long bogie (LGP)ElectricalVoltage24 voltBatteries165 ALightsElo CHydraulisElo CHydraulisElo CHydraulisElo CHydraulisElo CBatteries160 cm² [10.0 cu. in.]Operating Pressure24 MPa (3,480 psi)HydraulisEl L43 gal.]BonEl CFrontStadzel, El CSewing AngleStadzel, El CBatteries161 L (43 gal.)BonEl CFrontStadzel, El CSewing AngleStadzel, El CSitadzelStadzel, El	Brakes			
Parking/Emergency         Spring actuated           Frame         Automated           Attes/Bogies         Differential lock in front and rear           Axles         Single rigid axle, non-balanced- or balanced-gear heavy-duty (HD) bogie axle           Rar         Balanced-gear HD bogie axle or unbalanced long bogie (LGP)           Electrical         Voltage           Voltage         24 volt           Batteries         145 Ah           Alternator         ISO A           Lights         LED           Hydraulits         LeD           Load sensing         Voltage           Operating Pressure         24 WPa (3480 psi)           Hydraulit Tank         161 L (43 gal.)           Boom         Voltage           Single Torque         125 KNm (2000 ftlb.)           Stewing Torque         25 KNm (24,000 ftlb.)           Stewing Torque         380 deg.           Cabin         Voltage           Tit         Sideways           Sideways         10 deg.           Formot         Voltage           Standard         Standard           Standards         Standards		Hydraulically actuated, oil-immersed, multi-disc		
Frame         Automated           Axles/Bogies         I           Axles/Bogies         I           Differential lock in front and rear         I           Axles         Front         Single rigid axle, non-balanced- or balanced-gear heavy-duty (HD) bogie axle           Rear         Balanced-gear HD bogie axle or unbalanced long bogie (LGP)           Electrical         I           Voltage         24 volt           Batteries         145 Ah           Alternator         ISO A           Lights         LED           Hydraulites         I           Pump Capacity         160 cm <sup>3</sup> (100 cu. in.)           Operating Pressure         24 MPa [3/480 psi]           Hydraulitank         161 L (43 gal.)           Boom         I           Type         CF7           Maximum Reach Lengths         85 m (279 ft.) / 10 m (32.8 ft.)           Gross Lifting Torque         125 KNm (92,000 ftlb.)           Slewing Torque         320 deg.           Cabin         I           Tit         Sied deg.           Slewing Torque         320 deg.           Cabin         I           Tit         Sied deg.           Siedways         10 deg.	Parking/Emergency			
Arles/Bogies         Differential lock in front and rear         Arles         Front       Single rigid axle, non-balanced- or balanced-gear heavy-duty (HD) bogie axle         Rear       Balanced-gear HD bogie axle or unbalanced long bogie (LGP)         Electrical       Voltage         Voltage       24 volt         Batteries       145 Ah         Alternator       150 A         Lights       LED         Hydraulics       Voltage         Load sensing       Voltage.         Operating Pressure       24 MPa (3,480 psi)         Hydraulic Tank       161 L (43 gal.)         Born       Voltage.         Sors Lifting Torque       25 KMn (32,000 ftlb.)         Slewing forque       32 KMn (32,000 ftlb.)         Slewing Angle       30 deg.         Cabin       Voltage.         Tit       Sord deg.         Sleways       10 deg.         Forward and Backward       6 deg.         Control System       Voltage.         PC / Windows*-based TimberMatic" F-I6       Boon Control (SDC) algorithm	5 5 7			
Differential lock in front and rearAxlesFrontSingle rigid axle, non-balanced- or balanced-gear heavy-duty (HD) bogie axleRearBalanced-gear HD bogie axle or unbalanced long bogie (LGP)ElectricalVoltage44 voltBatteries145 AhAtternator150 ALightsEDHydraulitsLoad sensingYump Capacity160 cm² (10.0 cu. in.)Operating Pressure24 MPa (3,480 psi)Hydraulit Tank161 (43 gal.)BomYump CapacityOperating Pressure25 KNn (92,000 ftlb.)Standar Orque32 kNm (24,000 ftlb.)Slewing Torque32 kNm (24,000 ftlb.)Slewing Torque32 kNm (24,000 ftlb.)Slewing Angle90 deg.TitYod deg.TitFixed, rotating, or rotating and leveling Rotating AngleRotating Angle0 deg.Forward and Backward6 deg.Control System10 deg.Forward and Backward6 deg.Standar Ottol KillSamot Boom Control (SBC) algorithm				
Axles     Front     Single rigid axle, non-balanced-gear heavy-duty (HD) bogie axle       Rear     Balanced-gear HD bogie axle or unbalanced long bogie (LGP)       Electrical     Voltage       Voltage     24 volt       Batteries     145 Ah       Alternator     150 A       Lights     LED       Hydraulics     Voltage       Load sensing     For (100 cu. in.)       Operating Pressure     24 MPa (3,480 psi)       Hydraulic Tank     160 cm² (100 cu. in.)       Operating Pressure     24 MPa (3,480 psi)       Hydraulic Tank     161 L (43 gal.)       Boom     For Stell (14 gal.)       Boom     For Stell (14 gal.)       Stendard     8.5 m (27.9 ft.) / 10 m (32.8 ft.)       Stewing Torque     32 kNm (24,000 ftlb.)       Slewing Torque     32 kNm (24,000 ftlb.)<				
Rear         Balanced-gear HD bogie axle or unbalanced long bogie (LGP)           Electrical         Voltage         24 volt           Batteries         145 Ah         Alternator         150 A           Alternator         150 A         Alternator         ED           Hydraulics         Unp Capacity         160 cm <sup>3</sup> (10.0 cu. in.)         Operating Pressure         24 MPa (3,480 psi)           Hydraulic Tank         161 L (43 gal.)         Eo         Eo           Born         Type         CF7         Maximum Reach Lengths         8.5 m (279 ft.) / 10 m (32.8 ft.)           Gross Lifting Torque         25 KNm (92.000 ftlb.)         Selewing Angle         380 deg.           Slewing Angle         380 deg.         Eo         Eo           Type         Fixed, rotating, or rotating and leveling         Rotating Angle         380 deg.           Goting Angle         290 deg.         Eo         Eo           Tilt         T         Eo         Eo         Eo           Tilt         Eo         Eo         Eo         Eo           Cotating Angle         290 deg.         Eo         Eo         Eo           Tilt         Eo         Eo         Eo         Eo         Eo         Eo         Eo         <				
Rear         Balanced-gear HD bogie axle or unbalanced long bogie (LGP)           Electrical         Voltage         24 volt           Batteries         145 Ah         Alternator         150 A           Alternator         150 A         Alternator         ED           Hydraulics         Unp Capacity         160 cm <sup>3</sup> (10.0 cu. in.)         Operating Pressure         24 MPa (3,480 psi)           Hydraulic Tank         161 L (43 gal.)         Eo         Eo           Born         Type         CF7         Maximum Reach Lengths         8.5 m (279 ft.) / 10 m (32.8 ft.)           Gross Lifting Torque         25 KNm (92.000 ftlb.)         Selewing Angle         380 deg.           Slewing Angle         380 deg.         Eo         Eo           Type         Fixed, rotating, or rotating and leveling         Rotating Angle         380 deg.           Goting Angle         290 deg.         Eo         Eo           Tilt         T         Eo         Eo         Eo           Tilt         Eo         Eo         Eo         Eo           Cotating Angle         290 deg.         Eo         Eo         Eo           Tilt         Eo         Eo         Eo         Eo         Eo         Eo         Eo         <	Front	Single rigid axle, non-balanced- or balanced-gear beavy-duty (HD) bogie axle		
Electrical       Voltage       24 volt         Voltage       24 volt         Batteries       145 Ah         Alternator       150 A         Lights       LED         Hydraulics       LED         Doperating Pressure       24 MPa (3.480 psi)         Hydraulic Tank       161 L (43 gal.)         Boom       Type         Type       CF7         Maximum Reach Lengths       8.5 m (27.9 ft.) / 10 m (32.8 ft.)         Gross Lifting Torque       125 kNm (92,000 ftlb.)         Slewing Angle       380 deg.         Cabin       Type         Type       Fixed, rotating, or rotating and leveling         Rotating Angle       290 deg.         Tilt       Sideways         Sloways       10 deg.         Forward and Backward       6 deg.         Control System       T         PC / Windows®-based TimberMatic" F-16       Boom Control (SBC) algorithm				
Voltage24 voltBatteries145 AhAlternator150 ALightsLEDHydraulicsEdearstingPumg Capacity160 cm² (10.0 cu. in.)Operating Pressure24 MPa (3,480 psi)Hydraulic Tank160 cm² (10.0 cu. in.)BoomEdearstingTypeCF7Maximum Reach Lengths8.5 m (279 ft.) / 10 m (32.8 ft.)Gross Lifting Torque125 kNm (92,000 ftlb.)Slewing Torque380 deg.Cating Angle290 deg.TiltSidewaysStodard Backward0 deg.Forward and Backward10 deg.Forward and Backward0 deg.Boom Control KidFixed, rotating, or rotating and levelingStodardSidewaysStodard Backward0 deg.Stodard Backward0 deg.Stodard Suter Store St		bulance year no bogie axe or anonancea long bogie (car /		
Batteries     145 Ah       Alternator     150 A       Lights     LED       Hydraulics     Iod cm <sup>3</sup> [10.0 cu. in.]       Operating Pressure     24 MPa (3,480 psi)       Hydraulic Tank     161 L (43 gl.)       Boom     Iod cm <sup>3</sup> [10.0 cu. fin.]       Type     CF7       Maximum Reach Lengths     85 m (279 ft.) / 10 m (32.8 ft.)       Gross Lifting Torque     125 kNm (92,000 ftlb.)       Slewing Torque     32 kNm (24,000 ftlb.)       Slewing Angle     380 deg.       Cabin     Iod cm <sup>3</sup> (10 deg.)       Type     Fixed, rotating and leveling       Rotating Angle     290 deg.       Tilt     Iod deg.       Forward and Backward     6 deg.       Control System     6 deg.       PC / Windows®-based Timber/Matic" Ft-I6     Smooth Boon Control (SBC) algorithm		24 volt		
Alternator150 ALightsLEDHydraulicsLEDLoad sensingFormal (100 cu. in.)Operating Pressure24 MPa (3,480 psi)Hydraulic Tank160 cm³ (100 cu. in.)Operating Pressure24 MPa (3,480 psi)Hydraulic Tank161 (43 gal.)BoomTTypeCF7Maxinum Reach Lengths85 m (279 ft.) / 10 m (3.8 ft.)Gross Lifting Torque125 kNm (92,000 ftlb.)Slewing Torque32 kNm (24,000 ftlb.)Slewing Angle380 deg.CabinTTypeFixed, rotating, or rotating and leveling Rotating AngleSideways10 deg. Forward and BackwardGog.6 deg.Control System6 deg.PC/ Windows®-based TimberMatic" F-I6 Boom Control (SBC) algorithm	5			
Lights       LED         Hydraulics       Loadsensing         Loadsensing       160 cm² (10.0 cu. in.)         Operating Pressure       24 MPa (3.480 psi)         Hydraulic Tank       161 L (43 gal.)         Boom       Type         Type       CF7         Maximu Reach Lengths       8.5 m (27.9 ft.) / 10 m (32.8 ft.)         Gross Lifting Torque       125 kNm (92,000 ftlb.)         Slewing Angle       32 kNm (24,000 ftlb.)         Slewing Angle       380 deg.         Gross Lifting Angle       290 deg.         Tilt       Tit         Tit       Sideways         Sideways       10 deg.         Forward and Backward       6 deg.         Control System       10 deg.         Forward and Backward       6 deg.         Boom Control Aid       Smooth Boom Control (SBC) algorithm				
HydraulicsLoad sensingPump Capacity160 cm² (10.0 cu. in.)Operating Pressure24 MPa (3,480 psi)Hydraulic Tank161 L (43 gal.)BoomTypeTypeCF7Maximum Reach Lengths8.5 m (279 ft.) / 10 m (32.8 ft.)Gross Lifting Torque125 kNm (92,000 ftlb.)Slewing Torque32 kNm (24,000 ftlb.)Slewing Angle380 deg.CabinTypeTypeFixed, rotating, or rotating and levelingRotating Angle290 deg.TiltSidewaysSideways10 deg.Forward and Backward6 deg.Contol SystemEPC / Windows®-based TimberMatic" F-16Boom Control AidSmooth Boom Control (SBC) algorithm				
Load sensing  Pump Capacity  600 cm³ (10.0 cu. in.) Operating Pressure  40 MPa (3,480 psi) 41 MPa (3,480 psi				
Pump Capacity160 cm³ (10.0 cu. in.)Operating Pressure24 MPa (3,480 psi)Hydraulic Tank161 L (43 gal.)BomTypeCF7Maximu Reach Lengths8.5 m (27.9 ft.) / 10 m (32.8 ft.)Gross Lifting Torque125 kNm (92,000 ftlb.)Slewing Torque32 kNm (24,000 ftlb.)Slewing Angle380 deg.Cating AngleTypeFixed, rotating, or rotating and levelingRotating Angle290 deg.TiltsidewaysSideways10 deg.Forward and Backward6 deg.PC / Windows®-based Timber/Matic <sup>™</sup> F-16Boom Control AidSmooth Boom Control (SBC) algorithm				
Operating Pressure     24 MPa (3,480 psi)       Hydraulic Tank     161 L (43 gal.)       Boom     Type       Type     CF7       Maximum Reach Lengths     8.5 m (27.9 ft.) / 10 m (32.8 ft.)       Gross Lifting Torque     125 kNm (92,000 ftlb.)       Slewing Torque     32 kNm (24,000 ftlb.)       Slewing Angle     380 deg.       Catin     Tupe       Type     Fixed, rotating, or rotating and leveling       Rotating Angle     290 deg.       Tilt     Sideways       Sideways     10 deg.       Forward and Backward     6 deg.       Control System     6 deg.       PC / Windows®-based TimberMatic <sup>™</sup> F-16       Boom Control Aid     Smooth Boom Control (SBC) algorithm		160 cm <sup>3</sup> (በዐ cu, in )		
Hydraulic Tank       161 L (43 gal.)         Boom       Type         Type       CF7         Maximum Reach Lengths       8.5 m (27.9 ft.) / 10 m (32.8 ft.)         Gross Lifting Torque       125 kNm (92,000 ftlb.)         Slewing Torque       32 kNm (24,000 ftlb.)         Slewing Angle       32 kNm (24,000 ftlb.)         Slewing Angle       30 deg.         Cabin       Type         Type       Fixed, rotating, or rotating and leveling         Rotating Angle       290 deg.         Tilt       Sideways         Sideways       10 deg.         Forward and Backward       6 deg.         Control System       F         PC / Windows®-based TimberMatic <sup>™</sup> F-16       Boom Control Aid         Standard       Smooth Boom Control (SBC) algorithm				
Boom       Type     CF7       Maximum Reach Lengths     8.5 m (27.9 ft.) / 10 m (32.8 ft.)       Gross Lifting Torque     125 kNm (92,000 ftlb.)       Slewing Torque     32 kNm (24,000 ftlb.)       Slewing Angle     380 deg.       Cabin     Cabin       Type     Fixed, rotating, or rotating and leveling       Rotating Angle     290 deg.       Tilt     Sideways       Sideways     10 deg.       Forward and Backward     6 deg.       Control System     PC / Windows®-based TimberMatic" F-16       Boom Control Aid     Smooth Boom Control (SBC) algorithm				
TypeCF7Maximum Reach Lengths8.5 m (27.9 ft.) / 10 m (32.8 ft.)Gross Lifting Torque125 kNm (92,000 ftlb.)Slewing Torque32 kNm (24,000 ftlb.)Slewing Angle380 deg.CabinTypeFixed, rotating, or rotating and levelingRotating Angle290 deg.Tilt360 deg.Sideways10 deg.Forward and Backward6 deg.Control System5PC / Windows®-based TimberMatic <sup>™</sup> F-16Boom Control Aid5StandardSmooth Boom Control (SBC) algorithm				
Maximum Reach Lengths8.5 m (27.9 ft.) / 10 m (32.8 ft.)Gross Lifting Torque125 kNm (92,000 ftlb.)Slewing Torque32 kNm (24,000 ftlb.)Slewing Angle380 deg.CabinTTypeFixed, rotating, or rotating and levelingRotating Angle290 deg.TiltTSideways10 deg.Forward and Backward6 deg.Control SystemVPC / Windows®-based TimberMatic <sup>™</sup> F-16Boom Control AidSmooth Boom Control (SBC) algorithm		(F7		
Gross Lifting Torque125 kNm (92,000 ftlb.)Slewing Torque32 kNm (24,000 ftlb.)Slewing Angle380 deg.CabinTypeFixed, rotating, or rotating and levelingRotating Angle290 deg.Tilt5Sideways10 deg.Forward and Backward6 deg.Control SystemPC / Windows®-based TimberMatic® F-16Boom Control Aid5StandardSmooth Boom Control (SBC) algorithm				
Slewing Torque       32 kNm (24,000 ftlb.)         Slewing Angle       380 deg.         Cabin         Type       Fixed, rotating, or rotating and leveling         Rotating Angle       290 deg.         Tilt				
Slewing Angle     380 deg.       Cabin     Type       Type     Fixed, rotating, or rotating and leveling       Rotating Angle     290 deg.       Tilt     Sideways       Sideways     10 deg.       Forward and Backward     6 deg.       Control System     PC / Windows®-based TimberMatic <sup>™</sup> F-16       Boom Control Aid     Smooth Boom Control (SBC) algorithm				
Cabin       Type     Fixed, rotating, or rotating and leveling       Rotating Angle     290 deg.       Tilt     Sideways       Forward and Backward     6 deg.       Control System       PC / Windows®-based TimberMatic™ F-16       Boom Control Aid       Standard     Smooth Boom Control (SBC) algorithm				
Type     Fixed, rotating, or rotating and leveling       Rotating Angle     290 deg.       Tilt     5ideways       Forward and Backward     0 deg.       Control System     6 deg.       PC / Windows®-based TimberMatic™F-16     Standard       Standard     Smooth Boom Control (SBC) algorithm	5 5			
Rotating Angle     290 deg.       Tilt     Sideways       Sideways     10 deg.       Forward and Backward     6 deg.       Control System       PC / Windows®-based TimberMatic™ F-16       Boom Control Aid     5 mooth Boom Control (SBC) algorithm		Fixed rotating or rotating and leveling		
Tilt     Sideways     10 deg.       Forward and Backward     6 deg.       Control System       PC / Windows®-based TimberMatic™ F-16       Boom Control Aid       Standard     Smooth Boom Control (SBC) algorithm				
Sideways     10 deg.       Forward and Backward     6 deg.       Control System       PC / Windows®-based TimberMatic <sup>™</sup> F-16       Boom Control Aid       Standard     Smooth Boom Control (SBC) algorithm		250 deg.		
Forward and Backward     6 deg.       Control System     PC / Windows®-based TimberMatic <sup>™</sup> F-16       Boom Control Aid     Standard       Standard     Smooth Boom Control (SBC) algorithm		10 dag		
Control System       PC / Windows®-based TimberMatic™ F-16       Boom Control Aid       Standard     Smooth Boom Control (SBC) algorithm				
PC / Windows®-based TimberMatic <sup>™</sup> F-16 Boom Control Aid Standard Smooth Boom Control (SBC) algorithm		o deg		
Boom Control Aid Standard Smooth Boom Control (SBC) algorithm				
Standard Smooth Boom Control (SBC) algorithm				
		Smooth Boom Control (SPC) algorithm		
	Optional			

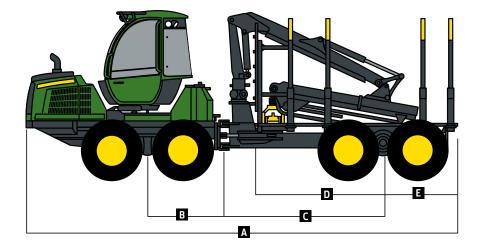
Measurements	1210G 6WD / 8WD		
A Length	1210G 0WB / 8WD	<b>F</b> Width	
Short / Medium Wheelbase	9820 mm (32.2 ft.)	600-Series Tires	2746 mm (9.0 ft.)
Long Wheelbase	10 820 mm (35.5 ft.)	700-Series Tires	2956 mm (9.7 ft.)
B Bogie Center – Middle Joint	1900 mm (6.2 ft.)	800-Series Tires	3086 mm (10.1 ft.)
C Middle Joint – Bogie Center	1500 mm (0.2 ft.)	Turning Angle	44 deg.
Short Wheelbase	3000 mm (9.8 ft.)	Outer Turning Radius – 700-Series Tires	44 deg.
Medium Wheelbase	3400 mm (11.2 ft.)	Short	7870 mm (25.8 ft.)
Long Wheelbase	3800 mm (12.5 ft.)	Medium	8440 mm (27.7 ft.)
Wheelbase (B+C)	5800 mm (12.5 m.)	Long	9010 mm (29.6 ft.)
Short	4900 mm (16.1 ft.)	Inner Turning Radius – 700-Series Tires	5010 11111 (25.0 11.)
Medium	5300 mm (17.4 ft.)	Short	4380 mm (14.4 ft.)
Long	5700 mm (18.7 ft.)	Medium	4790 mm (15.7 ft.)
D Headboard – Bogie Center		Long	5200 mm (17.1 ft.)
Short Wheelbase	2200 mm (7.2 ft.)	Transport Height	3800 mm (12.5 ft.)
Medium Wheelbase	2600 mm (8.5 ft.)	G Ground Clearance – 8W	660 mm (26.0 in.)
Long Wheelbase	3000 mm (9.8 ft.)	Tires	
E Bogie Center – Rear		Front – 6W / 8W	34–14 / 26.5–20
Short Wheelbase	2300 mm (7.5 ft.)	Rear	26.5–20
Medium Wheelbase	1900 mm (6.2 ft.)	Minimum Machine Weight	
Long Wheelbase	2500 mm (8.2 ft.)	6W	16 180 kg (35,671 lb.)
		8W	18 080 kg (39,860 lb.)
		Approach Angle – 8W	35 deg.
Load-Space Options			
Load Space Length (D+E)			
Chart / Maduur Whathers			

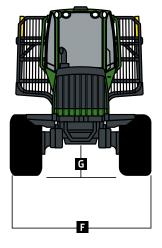
Short / Medium Wheelbase Long Wheelbase Variable Load Space (VLS) Load-Space Width Minimum / Maximum VLS Cross-Sectional Area VLS

4500 mm (14.8 ft.) 5500 mm (18.0 ft.) 4500 mm (14.8 ft.)

2663 mm (8.7 ft.) / 3406 mm (11.2 ft.) 2760–3300 mm (9.0–10.8 ft.) 4.0–5.3 m² (43.0–57.0 sq. ft.) 4.1–5.1 m² (44.1–55.0 sq. ft.)

#### 1210G Forwarder





While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.



