





859M TRACKED FELLER BUNCHER

BUILT FOR WORK IN THE REAL WORLD.

Keeping up in the woods and at the landing can be some of the hardest work you do. So when you asked for job-proven mid-size might to help get things done, we took it from there. The result is a tracked feller buncher equipped with standard Smooth Boom Control (SBC) for exceptional command. A long and wide undercarriage for sturdy stability. Powerful swing performance. Standard Rapid Cycle System (RCS) for optimized operation. Uncompromising cab comfort and visibility. Plus a range of available options to suit your application. It all adds up to a purpose-built machine designed to work for you.

Smooth operation

Smooth Boom Control (SBC) allows machine movements to be controlled more effectively, delivering a smoother operating experience and less wear and tear on the machine over time.

Sure-footed stability

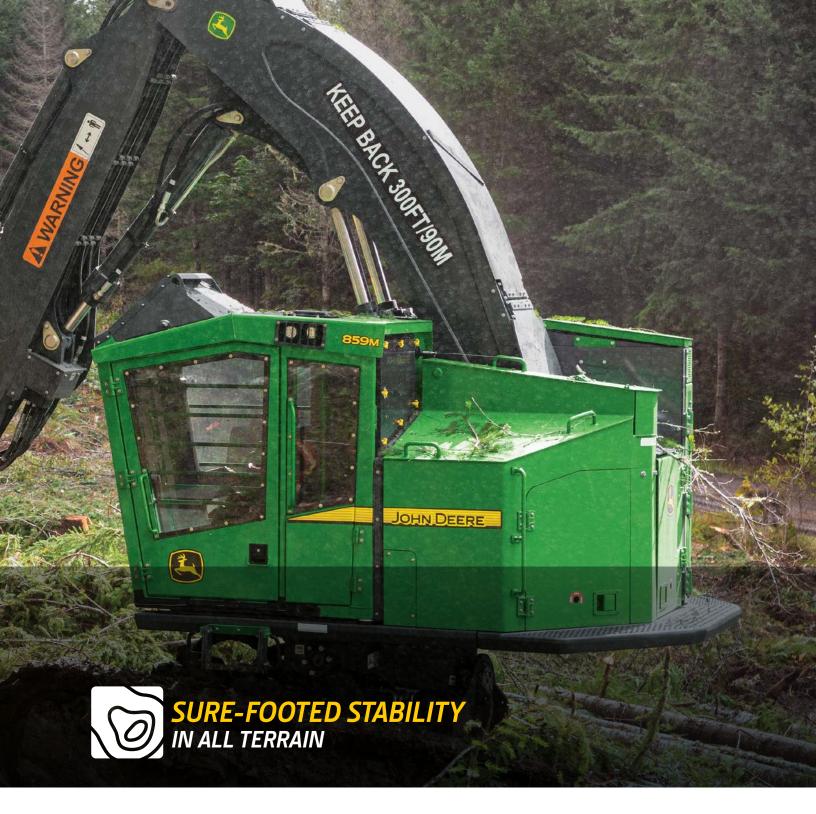
Generous tractive effort enables reliable negotiation of difficult or steep terrain, deep snow, and swamps. Long and wide undercarriage combined with our industry-leading leveling system maximizes stability on steep slopes and other challenging terrain conditions.

Expansive visibility

Floor-to-ceiling front window, large side windows, skylight, and optional floor window (standard with the undercarriage-leveling mechanism) significantly expand the view of the harvesting area and the work at hand.

Comfortable control

Ergonomically designed controls and seat with dualdensity seat pan and contour plus updated armrest and suspension boost overall operator comfort. Optional heated-ventilated seat (HVS) and, where available, updated premium Bluetooth[®] radio with XM Satellite Radio ready from the factory take comfort to the next level.



Level the playing field

Optional Advanced Slope Management System measures the actual ground-slope angle the machine is working on and actively displays it on the in-cab monitor. Including our Return-to-Level feature that requires only a single touch to return the rotating upper to a level position (when possible), the system boosts operator confidence to efficiently navigate tough steep-slope conditions.

Dedicated to your work

Standard Dedicated Travel System works with the powerful 246-kW (330 hp) engine to further improve

machine performance and efficiency, especially in higher multifunctioning applications.

Smart debris management

Designed to keep your workspace free and clear, the productivity-boosting debris-management system is integrated into the hood and left-side guarding to prevent materials and debris from entering the cooling package. External screening, sealed cooler compartment, and standard variable-speed reversing fan provide protection as needed.

859M TRACKED FELLER BUNCHER

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.





JOHN DEERE PRECISION FORESTR

TOOLS ENABLE PRODUCTION PLANNING & TRACKING

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[™] connectivity and the John Deere Operations Center[™] 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[™] Maps is an innovative onboard software solution that helps you reimagine your jobsites. Real-time production views, optimized routes, and a shared cloud connection make it easier than ever before to take your forestry operation to the next level.
- TimberManager[™] 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 progress including tree count, area harvested, and estimated tonnage.
 - Simplified Mapping of machine data and GPS-based location tracking shows precise stem and log counts.
 - 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.

Robust flexibility

Available in both limited and high rotation, the **FS22B and FR22B** are our most versatile felling heads. They're robust enough to handle larger, mature trees, with the tree-handling performance to also efficiently accumulate mid-sized timber. The 859M Tracked Feller Buncher is most typically equipped with the FR22B felling head.

FR22B

FIND YOUR FELLING HEAD F AND CUT TO THE BOTTOM L

KEEP BACK 300FT/90W

Designed to run on swing-to-tree tracked feller bunchers like the 859M, these flexible felling heads can more than capably help you take it on.

IMHORI HOUST

2

1.1

FS22B



FELLING HEADS

Well within your reach

From small stems to big timber, softwood to hardwood, level or sloped ground, John Deere has a disk saw felling head that's designed for your job.

Cut and accumulate

The FR21B* is a lighter-weight, high-rotation felling head designed for both select- and final-harvest applications. With excellent cut and accumulation capacity, this felling head has been optimized for small to mid-sized timber.

Powerful productivity

Its 686-millimeter (27 inch) single-cut capacity makes the **FR27**⁺ our largestcut-capacity felling head. Over 16-percent higher capacity than the FR24B, a massive 0.70-square-meter (7.5 square foot) accumulation area efficiently handles a single large tree or multiple smaller stems. With long harvesting arms, hardened-steel saw housing, and large side-chip exhaust chute, the FR27 is productive, durable, and maintenance friendly.

Proven reliability

Delivering efficient, multi-stem high-accumulation performance with a huge pocket and tall horn, and available in both limited and high-rotation wrist, FS50* and FR50* felling heads are best suited for first and second thinnings as well as high-production plantation harvests.

*With standard boom only. / [†]With optional power boom only.

Choose the correct felling head for your 859M Tracked Feller Buncher.

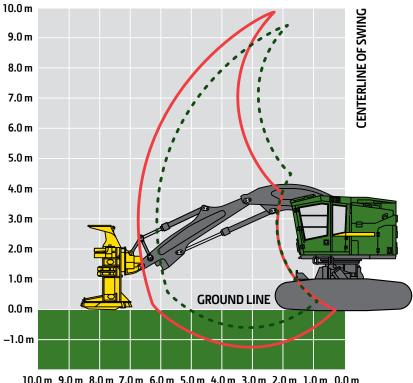


859M TRACKED FELLER BUNCHER SPECIFICATIONS

During and sectors and Model John Deere PowerTech" PLS 5.0.L John Deere PowerTech" PLS 6090H Manufacturer and Model John Deere PowerTech" PLS 5.0.L John Deere PowerTech" PLS 6090H Manufacturer and Model John Deere PowerTech" PLS 6000H PLS Fare X2EU Stoge V EPA Finar X2EU Stoge V EPA Finar X2EU Stoge VIIA School Emission Standard EPA Finar Ter X2EU Stoge V EPA Finar X2EU Stoge VIIA PLS Fower at 1,900 rpm 20 (6 VVI 330 hp) 20 (5 VVI 340 hc) 20 (5 VVI 24 V	Engine	859M	
Non-Boad Emission StandardPPA Fina Tier 4/EU Stage V <i>EPA Tier 3/EU Stage IIIA</i> Opinders60Diplesement90.L (549 cu. in.)90.L (549 cu. in.)Pack Pover at 1900 pm26 kW (330 ph)26 kW (330 ph)Net Peak Torque at 1500 rpm1992 Nm (1027 lbft.)1992 Nm (1027 lbft.)Colling			lohn Dooro PoworToch™ Plus 6090H
Cylinders 6 6 Cypiparcennel 90.L (549 cu. in.) 90.L (549 cu. in.) 90.L (549 cu. in.) Peak Power at 1500 rpm 246 kW (130 hp) 246 kW (130 hp) 246 kW (130 hp) Net Peak Torque at 1500 rpm 392 Nm (10.27 lbft.) 392 Nm (10.27 lbft.) Conding Surtion type, hydraulically driven, variable speed, reversing transpect Profested Torque at 1500 rpm Surtion type, hydraulical profested at 150 rpm transpect Dedicated Torad Sense, pressure compensate Dedicated fraviable-displacement axial piston transpect Maximum Rated Flow 494 L/min. (131 gpm) transpect transpect Maximum Rated Flow 194 L/min. (50 gpm) transpect transpect Maximum Rated Flow 195 L/min. (50 gpm) transpect transpect Maximum Rated Flow 195 L/min. (36 gpm) transpect transpect Ottinuous Saw Pump Dedicated variable-displacement axial piston transpect transpect Maximum Rated Flow 195 L/min. (36 gpm) transpect transpect transpect Ottinuous Saw Pump Dedicated variable-displacement axial			
Displacement90.L [549 cu. in.]90.L [549 cu. in.]Pack Power at JS00 rpm246 kW (330 hp)246 kW (301 hp)Net Pack Forque at J.500 rpm392 Nm (1.027 lbft.)392 Nm (1.027 lbft.)Coling		5	5
Peak Power at 1900 rpm246 WW (330 hp)246 WW (330 hp)Net Peak Torque at 1500 rpm1932 Nm (1.027 lbft.)392 Nm (1.027 lbft.)ColongSurtion type, hydraulically driven, variable speed, reversingFan TypeSurtion type, hydraulically driven, variable speed, reversingClosed center, load sense, pressure compensateDedicated Tavalo SystemMaximum Rated Flow494 Lorinn, (130 gm)Torel PompDedicated variable-displacement axial pistonMaximum Rated Flow135 Lorinn, (50 gm)Maximum Rated Flow135 Lorinn, (50 gm)Maximum Rated Flow135 Lorinn, (50 gm)Maximum Rated Flow245 Lorinn, (35 gm)Dif Flort System25 Lorinn, (35 gm)Maximum Rated Flow245 Lorinn, (35 gm)Dif Flort System24 volt24 voltMaximum Rated Flow24 Lorinn, (25 gm)Maximum Rated Flow25 Lorinn, (35 gm)Dif Flort System24 volt24 voltVoltage24 volt24 voltVoltage24 volt24 voltVoltage24 volt24 voltVoltage100 - semp standard, 150 - amp optionalWork Light'sLED (12)LED (12)Understringer102 - semp standard, 150 - amp optionalNomber of Flort Links (per side)01-SizeU/ Litteme Duty (EXD)-Tract Steef, Step side)01-Low re flort Step Size	,		
Net Peak Torque at 1500 rpm 1392 Nm (1027 lbft.) 1392 Nm (1027 lbft.) Fan Type Suction type, hydraulically driven, variable speed, reversing Hydraulically driven, variable speed, reversing Hydraulically driven, variable speed, reversing Hydraulically driven, variable speed, reversing Hydraulically driven, variable speed, reversing Main Pump Variable-displacement axial piston Hydraulically driven, variable speed, reversing Main Rum Made Varian, Variable-displacement axial piston Hydraulically driven, variable speed, reversing Maximum Rated Flow 190 Lr/min, IS0 gpml Ur/min, IS0 gpml Gritowas Saw Pump Continuous Saw Pump Dedicated variable-displacement axial piston Haramet Pump Hydraulically driven, variable speed, reversing Maximum Rated Flow 135 Lr/min, IS6 gpml Ur/min, IS0 gpml Ur/min, IS0 gpml Maximum Rated Flow 135 Lr/min, IS6 gpml Ur/min, IS0 gpml Ur/min, IS0 gpml Voltage 24 volt Z4 volt Z4 volt Number of Batteries 2, 12 volt Z4 reversing Voltage 24 volt 24 volt Z4 volt Number of Batteries 2, 12 volt Z4 reversing <			
Cooling Suction type, hydraulically driven, variable speed, reversing Hydraulics Elevation type, hydraulically driven, variable speed, reversing Decidated Travel System Elevation type, hydraulically driven, variable speed, reversing Main Pump Variable-displacement axial piston Maximum Rated Flow 494 L/min, [13] gm) Travel Pump Dedicated variable-displacement axial piston Maximum Rated Flow 195 L/min, [36 gm) Continuous Saw Pump Dedicated variable-displacement axial piston Maximum Rated Flow 135 L/min, [36 gm) Attachment Pump Dedicated variable-displacement axial piston Maximum Rated Flow 135 L/min, [36 gm] Offlitration 2 main return filters, 10-micron return with bypass, 1 case-drain strainer, 25 micron Electricit EPA Final Tier 4/EU Stage V EPA Tier 3/EU Stage IIIA Voltage 24 volt 24 volt Voltage 150 amp 100 amp standard, 150-amp optional Voltage 24 volt 24 volt Voltage 150 amp 100 amp standard, 150-amp optional Undercarriage 150 amp 100 amp Ibregal T			
Fan TypeSuction type, hydraulically driven, variable speed, reversingHydraulicsUsed center, load sense, pressure compensationClosed center, load sense, pressure compensationMain PumpVariable-displacement axial pistonMaximum Rated Flow494 L/min, 130 gpmTarvel PumpDedicated variable-displacement axial pistonMaximum Rated Flow190 L/min, 166 gpmMaximum Rated Flow195 L/min, 166 gpmMaximum Rated Flow35 L/min, 166 gpmMaximum Rated Flow35 L/min, 166 gpmMaximum Rated Flow100 L/min, 166 gpmMaximum Rated Flow35 L/min, 166 gpmOll Filtration2 main return filters, 10-micron return with bypass, 1 cas-drain strainer, 25 micronElectrical2 A voltVoltage2 A voltVoltage2 A voltVoltage2 A voltNumber of Batteries2 A voltLow rolt Bisteries150 appVork LightsLED 13Service LightsUTLow rolt Bisteries100 app schardar, 150-app optionalVork Light Service Bisteries100 app schardar, 150-app optionalLow rolt Bisteries100 app schardar, 150-app optionalLow rolt Bisteries10 So appLow rolt Bisteries		1592 NIII (1,027 ID11.)	1592 Nili (1,027 ID11.)
Hydrânlice Closed center, load sense, pressure compensated Closed center, and pressure closed center, and pres		Suction type, hydraulically driven, variable speed	reversing
Closed center, load sense, pressure compensate/ Podicated Tavel System Main Pump Variable-displacement axial piston Maximum Rated Flow 494 L/min. 181 gpm Continuous Saw Pump Dedicated variable-displacement axial piston Continuous Saw Pump Dedicated variable-displacement axial piston Attachment Pump Dedicated variable-displacement axial piston Attachment Pump Dedicated variable-displacement axial piston Maximum Rated Flow Dis L/min. 166 gpm Oll Filtration 2 main return filters, 10-micron return with bypass, 1 cast-drain strainer, 25 micron Electrical 2 Maximum Rated Flow Oll Filtration 2 wolt Oll Starting 2 Navinuo Maximum Rated Flow 2 Navinuo Oll Starting 2 Navinuo Returnator Rating 150 Jmn. 26 gpm Number of Batteries 2 Navinuo Attachmet Pump 150 Jmn. 26 gpm Number of Batteries 150 Jamp Oll Filtration 2 Navinuo Number of Batteries 150 Jamp Undercarriso LED (13) Letter Jatter Agoides, thick high-babrasion-resistant material, ramp angles, hydraulic track adjustment Number of Track Links (per side) 10 Number of Track Links (per side) 10		Suction type, nyalaancany arven, variasie speed	, reversing
Dedicated Tavel System Variable-displacement axial piston Maximum Rated Flow 494 L/min. [131 gpm] Travel Pump Dedicated variable-displacement axial piston Maximum Rated Flow 190 L/min. [50 gpm] Continuous Saw Pump Dedicated variable-displacement axial piston Maximum Rated Flow 135 L/min. [36 gpm] Maximum Rated Flow 135 L/min. [36 gpm] Di Filtration Zmin return filters. 10-micro return with bypass, 1 case-drain strainer, 25 micron I Filtration Zmin return filters. 10-micro return with bypass, 1 case-drain strainer, 25 micron I Filtration Za volt Z4 volt Voltage 24 volt 24 volt Number of Batteries 24 volt 24 volt Voltage 24 volt 24 volt Voltage 24 volt 24 volt Number of Batteries UD (200 m) standard, 150-amp optional Undercarridop UD -amp standard, 150-amp optional Serive Lights LED [3] LED [3] Undercarridop UT Extreme Duty [EXD] LED [3] Tared Herdormance UT Extreme Duty [EXD] LED [3]		pensated	
Main Maximum Rated FlowVariable-displacement axial pistonTavel PurpDedicated variable-displacement axial pistonMaximum Rated Flow (32)190 U/min, 150 gpm)Continuous Saw PumpDedicated variable-displacement axial pistonMaximum Rated Flow151 U/min, 156 gpm)Attachment PumpDedicated variable-displacement axial pistonMaximum Rated Flow151 U/min, 156 gpm)Maximum Rated Flow251 U/min, 156 gpm)Oll Filtration2 main return filters, 10-micron return with bypass, 1-as-strainer, 25 micronElectricalElectricalElectrical2 voltVoltage2 voltNumber of Batteries2 vl 2 voltVoltage2 voltVort LightsED 13)Lieb J2)ED 13Service LightsED 12)Under of Batteries2 vl 2 voltVort LightsED 12)Vort LightsED 12)Lifter J4 Ele J3 Service LightsED 13)Vort LightsUED 12)Lifter J4 Ele J3J2 voltService LightsUZ Extreme Duty (EXD)SaredUZ Extreme Duty (EXD)Track Clains (spicelifies)10Carrier Sider/Kollers (per side)10J2 Service LightsUZ Extreme Duty (EXD)SaredUZ Extreme Duty (EXD)SaredUZ Extreme Duty (EXD)SaredUZ Extreme Duty (EXD)Carrier Sider/Kollers (per side)10J2 Service Lights14Light Age Service Lights14Sared Forward2 </td <td></td> <td></td> <td></td>			
Maximum Rated Flow494 L/min. (31 gpm)Travel PumpDedicated variable-displacement axial pistonMaximum Rated Flow (x2)190 L/min. (50 gpm)Continuous Saw PumpDedicated variable-displacement axial pistonMaximum Rated Flow35 L/min. (36 gpm)Attachment PumpDedicated variable-displacement axial pistonMaximum Rated Flow35 L/min. (36 gpm)Oll Filtration2 main return filters, 10-micron return with bypass, Lcase-drain strainer, 25 micronElectricalEPA Final Tier 4/EU Stage VEPA Tier 3/EU Stage IIIAVoltage2 4 volt2 4 volt2 voltNumber of Batteries2 x 12 volt2 x 12 voltAtternator Rating150 amp100-amp standard, 150-amp optionalWork LightsLED (3)LED (3)UndersribeLED (2)LED (3)UndersribeUTL Extreme Duty (EXD)LED (3)Tract Erds25 Smm (85 in.)Smite Statu material, ramp angles, hydraulic track adjustmentSizeUTL Extreme Duty (EXD)Led (3)Led (3)Tract Erds25 Smm (85 in.)Smite Statu material, ramp angles, hydraulic track adjustmentTract PerformanceInter Ale Statu Material, Statu	-	Variable-displacement axial piston	
Travel PumpDedicated variable-displacement axial pistonMaximum Rated Flow (x2)Dedicated variable-displacement axial pistonMaximum Rated FlowDedicated variable-displacement axial pistonMaximum Rated FlowDedicated variable-displacement axial pistonMaximum Rated FlowDedicated variable-displacement axial pistonMaximum Rated FlowDif LittonDif FiltationDamin return filters, 10-micron return with bypass, 1 caserBetritoelPA Fina Tier 4/EU Stage VFPA Tier 3/EU Stage IIIAContinuous 2X 12 voltZ VoltNumber of Batteries2 x 12 voltZ VoltNumber of Batteries2 x 12 voltZ VoltAlternator RatingISO ampDO-amp standard, ISO-amp optionalVork LightsLED [3]LED [3]Service LightsLED [2]LED [2]UndercarriageUT Extreme Duty (EXD)Track ChainS15 S mn (8.5 in.)Number of Track Links (per side)47Lower Follers (per side)10Carrier Side/Sfollers (per side)2Number of Track Links (per side)2High4. km/h (2.5 mph)Lower Roblers (per side)10Lower Roblers (per side)10Travel Speed, Forward and ReverseHigh4. km/h (2.5 mph)Low18. km/h (1.1 mph)Travel Speed, Forward and ReverseSwing Speed (maximum)6.8 rpmSwing Speed (maximum)6.8 rpmSwing Speed (maximum)6.8 rpmSwing Speed (maximum)6.8 rpm <td>•</td> <td></td> <td></td>	•		
Maximum Rated Flow (x2) 190 L/min. (50 gpm) Continuous Saw Pump Dedicated variable-displacement axial piston Maximum Rated Flow 135 L/min. (36 gpm) Attachment Pump Dedicated variable-displacement axial piston Maximum Rated Flow 135 L/min. (36 gpm) Oli Filtration 2 main return filters, 10-micron return with bypass, 1 case-drain strainer, 25 micron Electrical EPA Final Tier 4/EU Stage V EPA Tier 3/EU Stage IIIA Voltage 24 volt 24 volt 24 volt Number of Batteries 2 x 12 volt 24 volt 24 volt Number of Batteries 2 x 12 volt 24 volt 24 volt Voltage 24 volt 24 volt 24 volt Number of Batteries 2 x 12 volt 24 volt Voltage 24 volt 24 volt 24 volt Voltage 24 volt 24 volt 24 volt Number of Batteries ED (3) ED (3) ED (3) Service Lights ED (2) ED (2) ED (2) Integral track guides, thick high-abrasion-resistant material, ramp angles, hydraulic track adjustment			
Continuous Saw PumpDedicated variable-displacement axial pistonMaximum Rated Flow135 L/min. (36 gpm)Maximum Rated FlowDedicated variable-displacement axial pistonMaximum Rated FlowDedicated variable-displacement axial pistonMaximum Rated FlowDedicated variable-displacement axial pistonOli Filtration2 main return filters, 10-micron return with bypass. J cars instrainer, 25 micronElectriciEPA Finor J/EU Stoge II/AVoltageAvoltVoltage2 valoVoltage2 valo <td></td> <td></td> <td></td>			
Maximum Rated Flow135 L/min. (36 gpm)Attachment PumpDedicated variable-displacement axial pistonMaximum Rated Flow135 L/min. (36 gpm)OIl Filtration2 main return filters, 10-micron return with bypass, 1 case-drain strainer, 25 micronElectricalEPA Finol Tier 4/EU Stage VEPA Tier 3/EU Stage IIIAVoltage2 volt24 volt24 voltNumber of Batteries2 vi 2 volt24 volt24 voltNumber of Batteries2 volt24 volt24 voltNumber of Batteries2 volt24 volt24 voltNumber of BatteriesLED (13)LED (2)20 armUndercarribgeUT Extreme Duty (EXD)EED (2)20 armIntegral track guides, hick high-abrasion-resistant material, ramp angles, hydraulic track adjustmentSize20 armNumber of Tack Links (per side)20 TZ Extreme Duty (EXD)Tack Chain21 SP mm (8.5 m.)Number of Tack Links (per side)20 TZ Extreme Duty (EXD)Tack Chain21 SP mm (8.5 m.)Number of Tack Links (per side)20 SP mm (8.5 m.)SizeSizeNumber of Tack Links (per side)20 ST NN (80,257 lbf)SizeSizeRotard UpperSizeSizeSizeSizeSizeSwing Speed (maximum)6.8 rpmSizeSizeSizeSwing Speed (maximum) <td></td> <td></td> <td></td>			
Attachment PumpDedicated variable-displacement axial pistonMaximum Rated Flow154 (Sig pm)Oli FiltratonStamin return filters, 10-micron return with bypass, 1 - astrainer, 25 micronElectricalEMATION Transfer, 25 micronElectricalEMATION Transfer, 25 micronVoltageA4 vola24 volaNumber of Batteries24 vola24 volaNumber of Batteries24 vola24 volaNumber of BatteriesUED (13)UED (13)Service LightsUED (2)UED (2)UndercritageVIE Kerme Duty (EXD)EVE (2)Integral track guides, thick high-abrasion-returnal, ramp angles, hydraulic track adjustmentEvent CommentSizeUT Extreme Duty (EXD)Even Cuty (EXD)Track Guides, files field10Even Cuty (EXD)Carrier Sides/ Rollers (per side)10Even Cuty (EXD)Tarvel Speed, forward and ReverseIntegral track guides, thick (per side)30HighA1 km/n (2.5 mph)Even Cuty (EXD)Tarvel Speed, forward and ReverseIntegral track guides, thick (per side)30Nigh Speed (maximum)64 (Samph)Even Cuty (Samph)Low13 km/n (1.1 mph)Even Cuty (Samph)Tarvel Speed (forward and ReverseSing Speed (maximum)64 (Parton ReverseMigh Speed (maximum)64 (Parton ReverseEven Cuty (Parton Reverse)Swing Speed (maximum)64 (Parton Reverse)Even Cuty (Parton Reverse)Swing Speed (maximum)64 (Parton Reverse)Even Cuty (Parton Reverse)Swing	•		
Maximum Rated Flow135 L/min. (36 gpm)OII Fitation2 main return filters, 10-micron return with bypass, 1 case - 4 mister, 25 micronElectricalEPA Final Tier 4/EU Stage VEPA Tier 3/EU Stage III/AVoltage2 volt2 voltNumber of Batteries2 x 12 volt2 voltAlternator Rating150 amp100-amp standard, 150-amp optionalWork LightsLED (13)LED (13)Service LightsLED (2)LED (2)UndercarriageU7L Extreme Duty (EXD)Track Chain215.9 mm (8.5 m.)Number of Track Links (per side)0102Carrier Silde/Rollers (per side)10Carrier Silde/Rollers (per side)10Carrier Silde/Rollers (per side)10Lower Rollers (per side)11018 km/h (11 mph)Track Effort38 rpmSwing Speed (maximum)6.8 rpmSwing Speed (maximum)6.9 rpm<		51	
Olf Filtration2 main return filters, 10-micron return with bypass, 1 case-drain strainer, 25 micronElectricalElectricalVoltage24 voltEPA Tier 3/EU Stage IIIAVoltage24 volt24 voltNumber of Batteries21 2 volt2 x 12 voltAlternator Rating150 amp100-amp standard, 150-amp optionalWork LightsLED (13)LED (13)Bervice LightsLED (12)LED (2)Integral track guides, thick high-abrasion-restant material, ramp angles, hydraulic track adjustmentSizeIntegral track guides, thick high-abrasion-restant material, ramp angles, hydraulic track adjustmentSizeIntegral track guides, thick high-abrasion-restant material, ramp angles, hydraulic track adjustmentSizeIntegral track guides, thick high-abrasion-restant material, ramp angles, hydraulic track adjustmentSizeSizeU7L Extreme Duty (EXD)SizeTrack Chain215.9 mm (8.5 in.)SizeCarrier Sides/Rollers (per side)0SizeCarrier Sides/Rollers (per side)10SizeCarrier Sides/Rollers (per side)2SizeInsel Speed, Forward and ReverseSizeSizeHigh1 km/h (2.5 mph)SizeLower Age and Speed (maximum)63 rpmSizeSwing Speed (maximum)63 rpmSizeSwing Speed (maximum)63 rpmSizeSwing Speed (maximum)64 rpmSizeSwing Speed (maximum)63 rpmSizeSwing Speed (maximum)64 rpmSize <tr< td=""><td>•</td><td></td><td></td></tr<>	•		
Electrical EPA Final Tire 4/EU Stage V EPA Tier 3/EU Stage III/A Voltage 24 volt 24 volt Number of Batteries 2 x 12 volt 24 volt Number of Batteries 2 x 12 volt 2 x 12 volt Alternator Rating 150 amp 100-amp standard, 150-amp optional Work Lights LED (13) LED (13) Service Lights LED (2) LED (2) Undercarriage UTL Extreme Duty (EXD) Track Chain Track Chain 215.9 mm (8.5 in.) Number of Track Links (per side) Number of Track Links (per side) 47 Lower Rollers (per side) Lower Rollers (per side) 10 Carrier Slides/Rollers (per side) Travel Speed, Forward and Reverse 1 High 4.1 km/h (2.5 mph) Low 18 km/h (11 mph) Tractive Effort 357 kN (80,257 lbf) Rotative Effort 357 kN (80,257 lbf) Swing Speed (maximum) 6.8 rpm Swing Speed (maximum) 6.8 rpm Swing Speed (maximum) 6.8 rpm Swing Speed (maximum) 6.8 rpm Swing Speed (maximum) 6.8 rpm Swing Brake Sealed wet multi-disc, manually applied/released Sealed wet multi-disc, manually applied/released ServicesDility EPA Final Tier 4/EU Stage V EPA Tier 3/EU Stage II/A <			ss 1 case-drain strainer 25 micron
Image: PA Final Tier 4/EU Stage VEPA Tier 3/EU Stage IIIAVoltage24 volt24 voltNumber of Batteries24 volt2 x 12 voltNumber of Batteries150 amp2 x 12 voltAtternator Rating150 amp100-amp standard, 150-amp optionalWork LightsLED (13)LED (13)Service LightsLED (2)LED (2)UndercarriageUTL Extreme Duty (EXD)ETrack Guides, thick high-abrasion-resistant material, ramp angles, hydraulic track adjustmentSizeSizeUTL Extreme Duty (EXD)ETrack Chain15.9 mm (8.5 in.)Number of Track Links (per side)47Lower Rollers (per side)10Carrier Sildes/Rollers (per side)10Carrier Sildes/Rollers (per side)2Itravel PerformanceETravel Speed, Forward and ReverseETractor Effort357 kN (80,257 lbf)Swing Speed (maximum)6.8 rpmSwing Speed (maximum)6.8 rpmSwing Speed (maximum)6.9 rpmSwing Speed (maximum)6.9 rpmSwing Speed (maximum)6.9 rpmSwing Speed (maximum)6.9 rpmSwing BrakeSealed wet multi-disc, manually applied/releasedServicebilityEPA Final Tier 4/EU Stage VRefil CapacitiesEPA Final Tier 4/EU Stage VRefil CapacitiesEPA Final Tier 4/EU Stage VRefil CapacitiesEPA Final Tier 4/EU Stage VFuel Tank870 L (22.8 gal.)		2 maintetari metri, to micrometari witi bypa	
Voltage24 volt24 voltNumber of Batteries2 x 12 volt2 x 12 voltNumber of Batteries150 amp100-amp standard, 150-amp optionalWork LightsLED (13)LED (13)Service LightsLED (2)LED (2)UndercarriageIterrat A guides, thick high-abrasion-resistant material, ramp angles, hydraulic track adjustmentSizeSizeU7L Extreme Duty (EXD)Iterrat A guides, thick high-abrasion-resistant material, ramp angles, hydraulic track adjustmentSizeSizeU7L Extreme Duty (EXD)Iterrat A guides, thick high-abrasion (2000)Iterrat A guides, thick high-abrasion (2000)Track Chain215.9 mm (8.5 in.)Iterrat A guides, thick ligher side)10Lower Rollers (per side)10Iterrat A guides (2000)Travel Per formance2Iterrat (2000)Travel Speed, Forward and ReverseIterrat (2000)Low18 km/h (1.2 smph)Iterrat (2000)Low18 km/h (0.2 smph)Iterrat (2000)Low18 km/h (0.2 smph)Iterrat (2000)Low18 km/h (0.3 smph)Iterrat (2000)Swing System6.8 rpmIterrat (2000)Swing Speed (maximum)6.8 rpmIterrat (2000)Swing Speed (maximum)6.8 rpmIterrat (2000)Swing BrakeSealed wet multi-disc, manually applied/releasedServicebilityIter A/EU Stage IIIARefil CapacitiesFA final Tire A/EU Stage VRefil CapacitiesSalo L (22.8 gal.)Fuel Tank870 L (22.8 gal.)	Electrical	FPA Final Tier 4/FLI Stage V	FPA Tier 3/FLI Stage IIIA
Number of Batteries2 x 12 volt2 x 12 voltAlternator Rating150 amp100-amp standard, 150-amp optionalWork LightsLED (13)LED (2)Service LightsLED (2)LED (2)UndercarriageUTL Extreme Duty (EXD)LED (2)Track Chain215.9 mm (8.5 in.)LED (2)Number of Track Links (per side)47Lower Rollers (per side)102Lower Rollers (per side)10Carrier Sides / Rollers (per side)10Lower Rollers (per side)1114.1 km/ (2.5 mm (8.5 in.)Lower Rollers (per side)2Tarder PerformanceImage Rollers (per side)10Tarvel Speed, Forward and ReverseLower Rollers (per side)10Lower Rollers (per side)1.1 km/h (2.5 mph)Lower Rollers (per side)Low1.8 km/h (1.1 mph)Image Rollers (per side)Image Rollers (per side)Tarctive Effort35 km (80,257) lbf)Image Rollers (per side)Image Rollers (per side)Swing Speed Romaming Sealed wet multi-disc, manually applied/releasedImage Rollers (per side)Image Rollers (per side)Swing BrakeSealed wet multi-disc, manually applied/releasedImage Rollers (per side)Image Rollers (per side)Swing BrakeSealed wet multi-disc, manually applied/releasedImage Roll (per side)Image Roll (per side)ServiceabilityImage Roll (per side)Image Roll (per side)Image Roll (per side)Fuel Tank870 L (228.9 gal.)870 L (228.9 gal.)Image Roll (per side)	Voltage		
Alternator Rating150 amp100-amp standard, 150-amp optionalWork LightsLED (13)Service LightsLED (2)UndercarriageIntegral track guides, thick high-abrasion-resistant material, ramp angles, hydraulic track adjustmentSizeU7L Extreme Duty (EXD)Track Chain215.9 mm (8.5 in.)Number of Track Links (per side)47Lower Rollers (per side)10Carrier Slides/Rollers (per side)10Travel PerformanceTravel Speed, Forward and ReverseHigh4.1 km/h (2.5 mph)Low18 km/h (1.1 mph)Tract Effort357 kN (80.257 lbf)Swing SpsetemSwing Speed (maximum)6.8 pmSwing Speed (maximum)6.8 pmSwing SprekeSealed wet multi-disc, manually applied/releasedSwing SprakeSealed wet multi-disc, manually applied/releasedServicesDiftyFPA Final Tier 4/EU Stage VRefill Capa (Stage gal.)870 L (22.8.9 gal.)	2		
Work LightsLED (13)LED (13)Service LightsLED (2)UndercarriageIntegral track guides, thick high-abrasion-resistant material, ramp angles, hydraulic track adjustmentSizeU7L Extreme Duty (EXD)Track Chain215.9 mm (8.5 in.)Number of Track Links (per side)47Lower Rollers (per side)10Carrier Sildes/Rollers (per side)2Travel Performance2Travel Speed, Forward and Reverse			
Service LightsLED (2)LED (2)UndercarriageLED (2)LED (2)UndercarriageUnternation and the state of the st	5		
Undercarriage Integral track guides, thick high-abrasion-resistant material, ramp angles, hydraulic track adjustment Size U7L Extreme Duty (EXD) Track Chain 215.9 mm (8.5 in.) Number of Track Links (per side) 47 Lower Rollers (per side) 10 Carrier Slides/Rollers (per side) 2 Travel Performance Travel Speed, Forward and Reverse High 4.1 km/h (2.5 mph) Low 1.8 km/h (1.1 mph) Trative Effort 357 kN (80,257 lbf) Rotating Upper Swing System Swing Speed (maximum) 6.8 rpm Swing Torque 94 740 Nm (69,880 lbft.) Swing Brake Sealed wet multi-disc, manually applied/released Serviceability EPA Tire 3/EU Stage IIIA Fuel Tank 870 L (228.9 gal.) 870 L (228.9 gal.)	5		
Integral track guides, thick high-abrasion-resistant material, ramp angles, hydraulic track adjustment Size U7L Extreme Duty (EXD) Track Chain 215.9 mm (8.5 in.) Number of Track Links (per side) 47 Lower Rollers (per side) 10 Carrier Sildes/Rollers (per side) 2 Travel Performance - Travel Speed, Forward and Reverse - High 4.1 km/h (2.5 mph) Low 1.8 km/h (1.1 mph) Tractive Effort 35 m/h (80,257 lbf) Rotating Upper - Swing Speed (maximum) 6.8 rpm Swing Speed (maximum) 6.8 rpm Swing Torque 94 740 Nm (69,880 lbft.) Swing Brake 2ead wet multi-disc, manually applied/released Erviceability EPA Final Tier 4/EU Stage V Refill Capacities EPA Final Tier 4/EU Stage V Fuel Tank 870 L (228.9 gal.)			
Size U7L Extreme Duty (EXD) Track Chain 215.9 mm (8.5 in.) Number of Track Links (per side) 47 Lower Rollers (per side) 10 Carrier Sildes/Rollers (per side) 2 Travel Performance		n-resistant material ramp angles hydraulic track adjus	tment
Track Chain215.9 mm (8.5 in.)Number of Track Links (per side)47Lower Rollers (per side)10Carrier Slides/Rollers (per side)2Travel Performance7Travel Speed, Forward and Reverse41 km/h (2.5 mph)High4.1 km/h (2.5 mph)Low1.8 km/h (1.1 mph)Tractive Effort357 kN (80,257 lbf)Swing SystemSwing Speed (maximum)6.8 rpmSwing Speed (maximum)6.8 rpmSwing Speed (maximum)6.8 rpmSwing Torque94 740 Nm (69,880 lbft.)Swing BrakeSealed wet multi-disc, manually applied/releasedServiceabilityEPA Final Tier 4/EU Stage VRefill CapacitiesEPA Final Tier 4/EU Stage VFuel Tank870 L (228.9 gal.)			then
Number of Track Links (per side)47Lower Rollers (per side)10Carrier Slides/Rollers (per side)2Travel Performance7Travel Speed, Forward and Reverse-High4.1 km/h (2.5 mph)Low1.8 km/h (1.1 mph)Tractive Effort357 kN (80,257 lbf)Rotating UpperSwing System-Swing Speed (maximum)6.8 rpmSwing Speed (maximum)6.8 rpmSwing Torque94 740 Nm (69,880 lbft.)Swing BrakeSealed wet multi-disc, manually applied/releasedServiceabilityEPA Final Tier 4/EU Stage VEPA Tier 3/EU Stage III/AFuel Tank870 L (228.9 gal.)870 L (228.9 gal.)		5	
Lower Rollers (per side)10Carrier Slides/Rollers (per side)2Travel PerformanceTravel Speed, Forward and Reverse High4.1 km/h (2.5 mph)Low1.8 km/h (1.1 mph)Tractive Effort357 kN (80,257 lbf)Rotating UpperSwing SystemSwing Speed (maximum)6.8 rpmSwing Torque94 740 Nm (69,880 lbft.)Swing Torque6.8 rpmSwing Torque94 740 Nm (69,880 lbft.)Swing Torque8ealed wet multi-disc, manually applied/releasedServiceabilityEPA Tier 3/EU Stage III/AFuel Tank870 L (228.9 gal.)870 L (228.9 gal.)		, ,	
Carrier Slides/Rollers (per side)2Travel PerformanceTravel Speed, Forward and ReverseHigh4.1 km/h (2.5 mph)Low1.8 km/h (1.1 mph)Tractive Effort357 kN (80,257 lbf)Rotating UpperSwing SystemSwing Speed (maximum)6.8 rpmSwing Speed (maximum)6.8 rpmSwing Torque94 740 Nm (69,880 lbft.)Swing BrakeSealed wet multi-disc, manually applied/releasedServiceabilityEPA Final Tier 4/EU Stage VRefill CapacitiesEPA Final Tier 4/EU Stage VFuel Tank870 L (228.9 gal.)			
Travel PerformanceTravel Speed, Forward and ReverseHigh4.1 km/h (2.5 mph)Low1.8 km/h (1.1 mph)Tractive Effort357 kN (80,257 lbf)Rotating UpperSwing SystemSwing Speed (maximum)6.8 rpmSwing Speed (maximum)6.8 rpmSwing Torque94 740 Nm (69,880 lbft.)Swing BrakeSealed wet multi-disc, manually applied/releasedServiceabilityRefill CapacitiesEPA Final Tier 4/EU Stage VEPA Tier 3/EU Stage IIIA 870 L (228.9 gal.)Fuel Tank870 L (228.9 gal.)870 L (228.9 gal.)	1		
Travel Speed, Forward and ReverseHigh4.1 km/h (2.5 mph)Low1.8 km/h (1.1 mph)Tractive Effort357 kN (80,257 lbf)Rotating UpperSwing SystemSwing Speed (maximum)6.8 rpmSwing Torque94 740 Nm (69,880 lbft.)Swing BrakeSealed wet multi-disc, manually applied/releasedServiceabilityRefill CapacitiesEPA Final Tier 4/EU Stage VEPA Tier 3/EU Stage IIIAFuel Tank870 L (228.9 gal.)870 L (228.9 gal.)	· · ·	2	
High4.1 km/h (2.5 mph)Low1.8 km/h (1.1 mph)Tractive Effort357 kN (80,257 lbf)Rotating UpperSwing System6.8 rpmSwing Speed (maximum)6.8 rpmSwing Torque94 740 Nm (69,880 lbft.)Swing BrakeSealed wet multi-disc, manually applied/releasedServiceabilityEPA Final Tier 4/EU Stage VEPA Tier 3/EU Stage IIIAFuel Tank870 L (228.9 gal.)870 L (228.9 gal.)			
Low1.8 km/h (1.1 mph)Tractive Effort357 kN (80,257 lbf)Rotating UpperSwing System6.8 rpmSwing Speed (maximum)6.8 rpmSwing Torque94 740 Nm (69,880 lbft.)Swing BrakeSealed wet multi-disc, manually applied/releasedServiceabilityEPA Final Tier 4/EU Stage VEPA Tier 3/EU Stage IIIAFuel Tank870 L (228.9 gal.)870 L (228.9 gal.)		(1)km/b (2 E mpb)	
Tractive Effort357 kN (80,257 lbf)Rotating UpperSwing System5Swing Speed (maximum)6.8 rpmSwing Torque94 740 Nm (69,880 lbft.)Swing BrakeSealed wet multi-disc, manually applied/releasedServiceabilityEPA Final Tier 4/EU Stage VEPA Tier 3/EU Stage IIIAFuel Tank870 L (228.9 gal.)	5		
Rotating Upper Swing System Swing Speed (maximum) 6.8 rpm Swing Torque 94 740 Nm (69,880 lbft.) Swing Brake Sealed wet multi-disc, manually applied/released Serviceability Refill Capacities EPA Final Tier 4/EU Stage V EPA Tier 3/EU Stage IIIA Fuel Tank 870 L (228.9 gal.) 870 L (228.9 gal.)			
Swing System Swing Speed (maximum) 6.8 rpm Swing Torque 94 740 Nm (69,880 lbft.) Swing Brake Sealed wet multi-disc, manually applied/released Serviceability Fuel Tank Brow L (228.9 gal.) 870 L (228.9 gal.)		ן ועו /ככ,עס) אוא /ככ	
Swing Speed (maximum) 6.8 rpm Swing Torque 94 740 Nm (69,880 lbft.) Swing Brake Sealed wet multi-disc, manually applied/released Serviceability Fuel Tank B70 L (228.9 gal.) 870 L (228.9 gal.)			
Swing Torque 94 740 Nm (69,880 lbft.) Swing Brake Sealed wet multi-disc, manually applied/released Serviceability EPA Final Tier 4/EU Stage V Refill Capacities EPA Final Tier 4/EU Stage V Fuel Tank 870 L (228.9 gal.)		6.0 mm	
Swing Brake Sealed wet multi-disc, manually applied/released Serviceability EPA Final Tier 4/EU Stage V EPA Tier 3/EU Stage IIIA Fuel Tank 870 L (228.9 gal.) 870 L (228.9 gal.)	5 1		
Serviceability EPA Final Tier 4/EU Stage V EPA Tier 3/EU Stage IIIA Fuel Tank 870 L (228.9 gal.) 870 L (228.9 gal.)			
Refill Capacities EPA Final Tier 4/EU Stage V EPA Tier 3/EU Stage IIIA Fuel Tank 870 L (228.9 gal.) 870 L (228.9 gal.)		Sealed wet multi-disc, manually applied/released	
Fuel Tank 870 L (228.9 gal.) 870 L (228.9 gal.)		EDA Final Tior (/ELLStars)	EDA Tier 2/ELI Steen IIIA
	•		
Diesei Exhaust Fiulu (DEF) 34 L (ö.9 gal.) N/A		5	5
	Diesei Exnaust Fluid (DEF)	34 L (0.9 gal.)	IN/A

Ground Pressure (SAE J1309)	859M	
Includes standard boom with Rapid Cycle System (RCS),		
standard counterweight, half-full fuel tank, and all fluids,		
less attachment	EPA Final Tier 4/EU Stage V	EPA Tier 3/EU Stage IIIA
Undercarriage	U7L EXD	U7L EXD
Single Grouser		
610 mm (24 in.)	71.9 kPa (10.4 psi)	71.2 kPa (10.3 psi)
711 mm (28 in.)	62.3 kPa (9.0 psi)	61.7 kPa (8.9 psi)
Operating Weight		
Includes standard boom with RCS, standard		
counterweight, 610-mm (24 in.) single-grouser tracks,		
half-full fuel tank, and all fluids, less attachment	EPA Final Tier 4/EU Stage V	EPA Tier 3/EU Stage IIIA
Undercarriage	U7L EXD	U7L EXD
Approximate Weight — Base Machine	37 410 kg (82,490 lb.)	37 050 kg (81,700 lb.)
Boom Performance		
Standard Boom With RCS		
Maximum Reach (to tip of saw blade)	8.49 m (27 ft. 10 in.)	
Minimum Reach (to tip of saw blade)	3.83 m (12 ft. 7 in.)	
Cutting Swath	4.66 m (15 ft. 3 in.)	
Lift Capacity, Bare Pin at Full Reach	5540 kg (12,220 lb.)	
Lift Capacity, Bare Pin at 6.10 m (20 ft.)	6860 kg (15,130 lb.)	
Optional Power Boom With RCS		
Maximum Reach (to tip of saw blade)	7.88 m (25 ft. 10 in.)	
Minimum Reach (to tip of saw blade)	3.92 m (12 ft. 10 in.)	
Cutting Swath	3.96 m (13 ft. 0 in.)	
Lift Capacity, Bare Pin at 6.10 m (20 ft.) at Full Reach	6670 kg (14,710 lb.)	
······································		





10.0 m 9.0 m 8.0 m 7.0 m 6.0 m 5.0 m 4.0 m 3.0 m 2.0 m 1.0 m 0.0 m

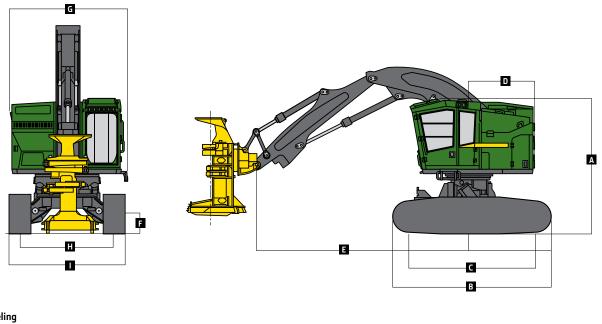
859M TRACKED FELLER BUNCHER SPECIFICATIONS (continued)

٨	achment Information	859M					
	achment information	859M FR21B*	FS22B	FR22B	FR27 [†]	FS50*	FR50*
	ximum Cutting Capacity	545 mm (21.5 in.)	559 mm (22.0 in.)	559 mm (22.0 in.)	686 mm (27.0 in.)	508 mm (20.0 in.)	508 mm (20.0 in.)
							0.64 m ² (6.9 sq. ft.)
	ximum Accumulation Capacity	0.46 m ² (5.0 sq. ft.)	0.48 m ² (5.2 sq. ft.)	0.48 m ² (5.2 sq. ft.)	0.70 m ² (7.5 sq. ft.)	0.64 m ² (6.9 sq. ft.)	
	ening at Front of Housing	1180 mm (46.5 in.)	1280 mm (50.4 in.)	1280 mm (50.4 in.)	1382 mm (54.4 in.)	870 mm (34.0 in.)	870 mm (34.3 in.)
	de Diameter	1372 mm (54.0 in.)	1422 mm (56.0 in.)	1422 mm (56.0 in.)	1676 mm (66.0 in.)	1346 mm (53.0 in.)	1346 mm (53.0 in.)
	mber of Teeth	18	18	18	18	18	18
	w rpm	1,150 rpm	1,150 rpm	1,150 rpm	1,000 rpm	1,250 rpm	1,225 rpm
	ist Rotation	302 deg.	30 deg.	312 deg.	300 deg.	30 deg.	312 deg.
	dth at Saw Housing	1550 mm (61.0 in.)	1620 mm (63.8 in.)	1620 mm (63.8 in.)	1908 mm (75.1 in.)	1660 mm (65.0 in.)	1510 mm (59.4 in.)
	ight	2820 mm (111.0 in.)	3068 mm (120.8 in.)	3068 mm (120.8 in.)		2850 mm (112.0 in.)	2846 mm (112.0 in.)
	ight (including adapter and wrist)	3140 kg (6,920 lb.)	3550 kg (7,830 lb.)	3840 kg (8,470 lb.)	4220 kg (9,310 lb.)	3370 kg (7,430 lb.)	3666 kg (8,082 lb.)
	ith standard boom only. / †With optional pow	ver boom only.					
	chine Dimensions						
	ndard Undercarriage		U7L EXD				
Α	Overall Height With Standard Boom						
	Top of Cab With Flat Skylight		3.92 m (12 ft. 10 in.)				
	Top of Cab With Peaked Skylight		4.13 m (13 ft. 7 in.)				
	Top of Boom, Extended, Attachmer	nt Vertical	4.15 m (13 ft. 7 in.)				
	Overall Track Length		4.90 m (16 ft. 1 in.)				
С	Track Length (idler to sprocket center)	3.83 m (12 ft. 7 in.)				
D	Tail Swing (from swing center)						
	Standard Counterweight		1.94 m (6 ft. 4 in.)				
	Heavy Counterweight		2.25 m (7 ft. 4 in.)				
Е	Boom Reach (to attachment pin)						
	Standard Boom						
	Maximum		6.71 m (22 ft. 0 in.)				
	Minimum		2.05 m (6 ft. 9 in.)				
	Cutting Swath		4.66 m (15 ft. 3 in.)				
	Optional Power Boom						
	Maximum		6.10 m (20 ft. 0 in.)				
	Minimum		2.14 m (7 ft. 0 in.)				
	Cutting Swath		3.96 m (13 ft. 0 in.)				
F	Ground Clearance Single Grouser		746 mm (29 in.)				
G	Upperstructure Width						
	Standard		3.15 m (10 ft. 4 in.)				
	With Optional Walkway		3.36 m (11 ft. 0 in.)				
н	Track Gauge		2.72 m (8 ft. 11 in.)				
1	Width Over Tracks		2.72 11 (0 11. 1111.)				
	610-mm (24 in.) Track Shoes		3.33 m (10 ft. 11 in.)				
	711-mm (28 in.) Track Shoes		3.43 m (11 ft. 3 in.)				
			(.ווו כ ווו) ווו כ ד .כ.				

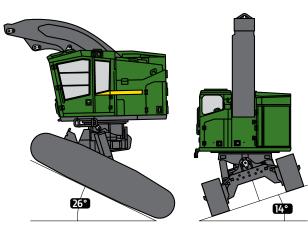
Machine Dimensions (continued)

859M





859M Leveling



859M Undercarriage-Leveling Mechanism				
Forward	26 deg.			
Side to Side	14 deg.			
Rearward	7 deg.			

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.



