903M TRACKED FELLER BUNCHER







Sure-footed stability

Reliable tractive effort enables maneuverable negotiation of difficult or steep terrain, deep snow, and swamps. Long and wide undercarriage maximizes stability in all terrain conditions.

Dedicated to your work

Optional Dedicated Travel System works with the powerful 246-kW

(330 hp) engine to further improve machine performance and efficiency, especially in higher multifunctioning applications.

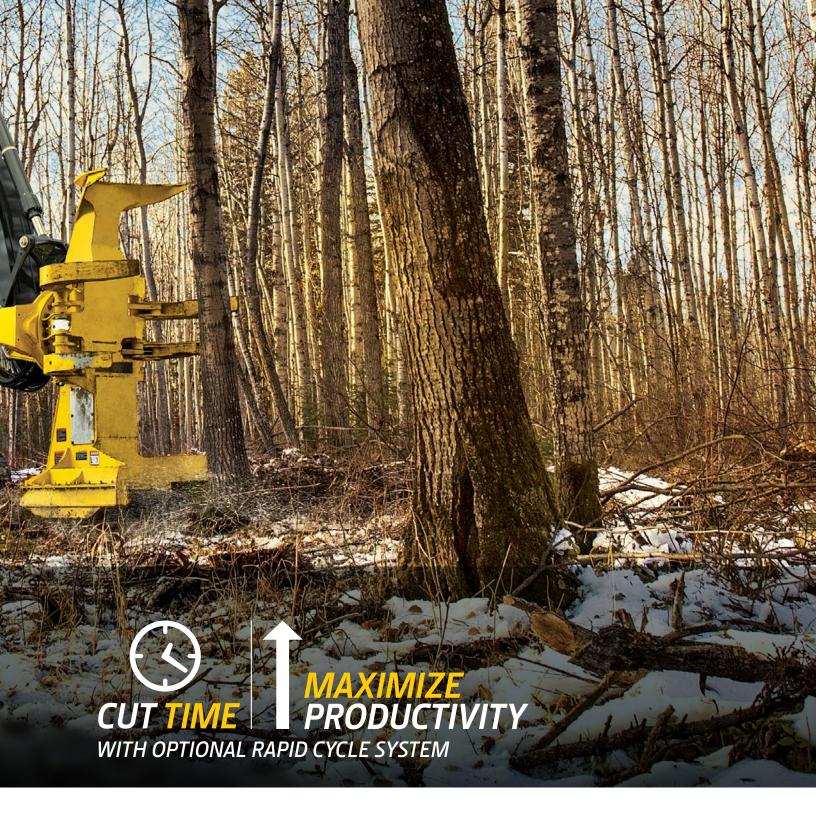
Within easy reach

Standard 7.01-meter (23 foot) boom provides a deep cutting swath and attachment reach of 8.88 meters (29 feet 1 inch). For applications that require longer reach with

less machine movement, optional 8.08-meter (26 foot 6 inch) boom provides expansive cutting reach of 9.82 meters (32 feet 3 inches).

Durable components

Thick plates and strong joints help extend the durability and wear life of our robust and field-proven booms.



Work your way

Your choice of bunching or final felling attachments can be matched to your preferred boom option to suit a wide variety of applications.

Rapid Cycle System (RCS)

Optional RCS can be tailored to individual skill levels and specific harvesting conditions, from large

single-tree harvesting to high-speed, multi-stem cutting. Multiple RCS settings can be saved according to individual operator preferences.

Simplified service

Convenient access to service components helps simplify daily checks and preventative-maintenance tasks, so they get

done on schedule, minimizing costly repairs down the road.

Get a handle on it

Optional undercarriage-mounted toolbox provides convenient storage for tools, saw teeth, extra saw bars, and other spare parts, eliminating extra trips back to the service truck.





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.





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.

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.

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.

Choose the correct felling head for your 903M Tracked Feller Buncher.

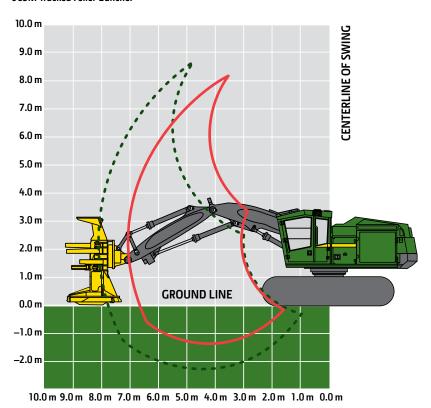
6–14"	10–18"	14–22"
Plantation Thinning Select Cut High Accumulation Short–Mid-Height Timber	Select Cut Final Felling Mid–High Accumulation Mid-Height Timber	Select Cut Final Felling Mid Accumulation Mid-Height Tall Timber
FS50 FR50	FR21B	FS22B FR22B

^{*}For standard boom only. / †For extended boom only.

Engine	903M	
Manufacturer and Model	John Deere PowerTech™ Plus 6090PSS	John Deere PowerTech Plus 6090H
Non-Road Emission Standard	EPA Final Tier 4/EU Stage V	EPA Tier 3/EU Stage IIIA
Displacement	9.0 L (549 cu. in.)	9.0 L (549 cu. in.)
Peak Power at 1,900 rpm	246 kW (330 hp)	246 kW (330 hp)
Net Peak Torque at 1,500 rpm	1392 Nm (1,027 lbft.)	1527 Nm (1,126 lbft.)
Cooling	1552 WIII (1,027 IB1 t.)	1327 TVIII (1,120 IB1 C.)
	Custion tune hudraulically driven variable speed	vouersing
Fan Type	Suction type, hydraulically driven, variable speed,	reversing
Hydraulics		
Closed center, pressure compensated, load sense	5: 1 IT 1	D # . 17 1
Travel System	Standard Travel	Dedicated Travel
Main Pump	Variable-displacement axial piston	Variable-displacement axial piston
Maximum Rated Flow	532 L/min. (141 gpm)	532 L/min. (141 gpm)
Travel Pump	N/A	Variable-displacement axial piston
Maximum Rated Flow (x2)	N/A	209 L/min. (55 gpm)
Continuous Saw Pump	Dedicated variable-displacement axial piston	Dedicated variable-displacement axial piston
Maximum Rated Flow	114 L/min. (30 gpm)	114 L/min. (30 gpm)
Attachment Pump	Dedicated variable-displacement axial piston	Dedicated variable-displacement axial piston
Maximum Rated Flow	135 L/min. (36 gpm)	135 L/min. (36 gpm)
Oil Filtration		filter, 1 HST case filter, 1 case-drain strainer, 25 micron
Electrical	2 main retain meers, rease stramel, rist enarge.	meel, mist case meel, rease aram stramel, 25 meron
Erectrical	EPA Final Tier 4/EU Stage V	EPA Tier 3/EU Stage IIIA
Voltage	24 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 (3)	LED (3)
Undercarriage		
Integral track guides, thick high-abrasion-resistant	material, ramp angles, hydraulic track adjustment	
Track Size	U7 Extreme Duty (EXD)	
	U7 Extreme Duty (EXD) 215.9 mm (8.5 in.)	
Track Size		
Track Size Track Chain Number of Track Links (per side)	215.9 mm (8.5 in.)	
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side)	215.9 mm (8.5 in.) 47 9	
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side)	215.9 mm (8.5 in.) 47	
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance	215.9 mm (8.5 in.) 47 9 2	Nedicated Travel
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse	215.9 mm (8.5 in.) 47 9 2 Standard Travel	Dedicated Travel
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph)	4.5 km/h (2.8 mph)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph)	4.5 km/h (2.8 mph)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum)	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum)	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque Swing Brake	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque Swing Brake	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque Swing Brake Serviceability Fuel Tank	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V 1080 L (285 gal.)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA 1080 L (285 gal.)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque Swing Brake Serviceability Fuel Tank Diesel Exhaust Fluid (DEF) Tank	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque Swing Brake Serviceability Fuel Tank Diesel Exhaust Fluid (DEF) Tank Ground Pressure (SAE J1309)	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V 1080 L (285 gal.)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA 1080 L (285 gal.)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque Swing Brake Serviceability Fuel Tank Diesel Exhaust Fluid (DEF) Tank Ground Pressure (SAE J1309) Includes standard boom with Rapid Cycle System	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V 1080 L (285 gal.)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA 1080 L (285 gal.)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing System Swing Torque Swing Brake Serviceability Fuel Tank Diesel Exhaust Fluid (DEF) Tank Ground Pressure (SAE J1309) Includes standard boom with Rapid Cycle System (RCS), standard counterweight, half-full fuel tank,	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V 1080 L (285 gal.) 42 L (11 gal.)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA 1080 L (285 gal.) N/A
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing System Swing Torque Swing Brake Serviceability Fuel Tank Diesel Exhaust Fluid (DEF) Tank Ground Pressure (SAE 1/309) Includes standard boom with Rapid Cycle System (RCS), standard counterweight, half-full fuel tank, and all fluids, less attachment	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V 1080 L (285 gal.) 42 L (11 gal.)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA 1080 L (285 gal.) N/A EPA Tier 3/EU Stage IIIA
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing System Swing Torque Swing Brake Serviceability Fuel Tank Diesel Exhaust Fluid (DEF) Tank Ground Pressure (SAE J1309) Includes standard boom with Rapid Cycle System (RCS), standard counterweight, half-full fuel tank, and all fluids, less attachment Undercarriage	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V 1080 L (285 gal.) 42 L (11 gal.)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA 1080 L (285 gal.) N/A
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque Swing Brake Serviceability Fuel Tank Diesel Exhaust Fluid (DEF) Tank Ground Pressure (SAE Ji309) Includes standard boom with Rapid Cycle System (RCS), standard counterweight, half-full fuel tank, and all fluids, less attachment Undercarriage Single Grouser	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V 1080 L (285 gal.) 42 L (11 gal.) EPA Final Tier 4/EU Stage V U7 EXD	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA 1080 L (285 gal.) N/A EPA Tier 3/EU Stage IIIA U7 EXD
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque Swing Brake Serviceability Fuel Tank Diesel Exhaust Fluid (DEF) Tank Ground Pressure (SAE J1309) Includes standard boom with Rapid Cycle System (RCS), standard counterweight, half-full fuel tank, and all fluids, less attachment Undercarriage Single Grouser 610 mm (24 in.)	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V 1080 L (285 gal.) 42 L (11 gal.) EPA Final Tier 4/EU Stage V U7 EXD 59.8 kPa (8.7 psi)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA 1080 L (285 gal.) N/A EPA Tier 3/EU Stage IIIA U7 EXD 59.1 kPa (8.6 psi)
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque Swing Brake Serviceability Fuel Tank Diesel Exhaust Fluid (DEF) Tank Ground Pressure (SAE J1309) Includes standard boom with Rapid Cycle System (RCS), standard counterweight, half-full fuel tank, and all fluids, less attachment Undercarriage Single Grouser 610 mm (24 in.) 711 mm (28 in.)	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V 1080 L (285 gal.) 42 L (11 gal.) EPA Final Tier 4/EU Stage V U7 EXD	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA 1080 L (285 gal.) N/A EPA Tier 3/EU Stage IIIA U7 EXD
Track Size Track Chain Number of Track Links (per side) Lower Rollers (per side) Carrier Slides / Rollers (per side) Travel Performance Travel Speed, Forward and Reverse High Low Tractive Effort Rotating Upper Swing System Swing Speed (maximum) Swing Torque Swing Brake Serviceability Fuel Tank Diesel Exhaust Fluid (DEF) Tank Ground Pressure (SAE J1309) Includes standard boom with Rapid Cycle System (RCS), standard counterweight, half-full fuel tank, and all fluids, less attachment Undercarriage Single Grouser 610 mm (24 in.)	215.9 mm (8.5 in.) 47 9 2 Standard Travel 4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) 6.7 rpm 80 170 Nm (59,130 lbft.) Sealed wet multi-disc, manually applied/released EPA Final Tier 4/EU Stage V 1080 L (285 gal.) 42 L (11 gal.) EPA Final Tier 4/EU Stage V U7 EXD 59.8 kPa (8.7 psi)	4.5 km/h (2.8 mph) 2.3 km/h (1.4 mph) 320 kN (71,940 lbf) EPA Tier 3/EU Stage IIIA 1080 L (285 gal.) N/A EPA Tier 3/EU Stage IIIA U7 EXD 591 kPa (8.6 psi)

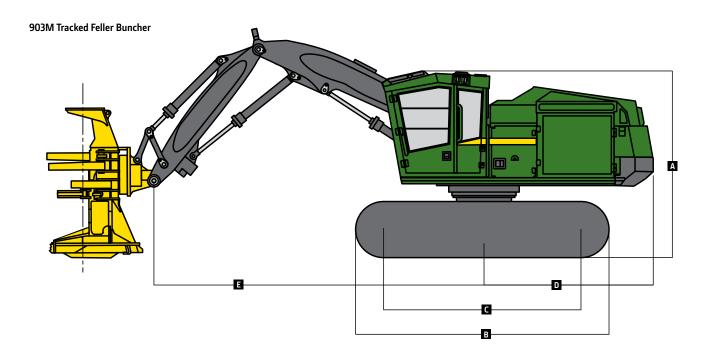
Operating Weight	903M	
Includes standard boom with RCS, standard counterweight, 610-mm (24 in.) single-grouser tracks,		
half-full fuel tank, and all fluids, less attachment	EPA Final Tier 4/EU Stage V	EPA Tier 3/EU Stage IIIA
Undercarriage	U7 EXD	U7 EXD
Approximate Weight — Base Machine	31 330 kg (69,080 lb.)	30 971 kg (68,290 lb.)
Boom Performance		
Standard Boom	With FR22B	
Maximum Reach (to tip of saw blade)	8.88 m (29 ft. 1 in.)	
Minimum Reach (to tip of saw blade)	4.87 m (15 ft. 11 in.)	
Cutting Swath	4.01 m (13 ft. 2 in.)	
Lift Capacity	Standard Without RCS	High-Lift Option With RCS
Bare Pin at Full Reach	5890 kg (12,990 lb.)	7260 kg (16,010 lb.)
Bare Pin at 6.1 m (20 ft.)	7680 kg (16,930 lb.)	9370 kg (20,660 lb.)
Extended Boom	With FR21B	
Maximum Reach (to tip of saw blade)	9.82 m (32 ft. 3 in.)	
Minimum Reach (to tip of saw blade)	4.64 m (15 ft. 3 in.)	
Cutting Swath	5.18 m (17 ft. 0 in.)	
Lift Capacity	Standard With and Without RCS	
Bare Pin at Full Reach	4890 kg (10,780 lb.)	
Bare Pin at 6.1 m (20 ft.)	7470 kg (16,470 lb.)	

903M Tracked Feller Buncher



903M TRACKED FELLER BUNCHER SPECIFICATIONS (continued)

Attachment Information	903M				
	FR21B	FS22B	FR22B	FS50	FR50
Attachment	(Extended boom only)	(Standard boom only)	(Standard boom only)	(Standard boom only)	(Standard boom only
Maximum Cutting Capacity	545 mm (21.5 in.)	559 mm (22.0 in.)	559 mm (22.0 in.)	508 mm (20.0 in.)	508 mm (20.0 in.)
Maximum Accumulation Capacity	0.46 m² (5.0 sq. ft.)	0.48 m² (5.2 sq. ft.)	0.48 m² (5.2 sq. ft.)	0.64 m² (6.9 sq. ft.)	0.64 m ² (6.9 sq. ft.)
Opening at Front of Housing	1180 mm (46.5 in.)	1280 mm (50.4 in.)	1280 mm (50.4 in.)	870 mm (34.0 in.)	870 mm (34.0 in.)
Blade Diameter	1372 mm (54.0 in.)	1422 mm (56.0 in.)	1422 mm (56.0 in.)	1346 mm (53.0 in.)	1346 mm (53.0 in.)
Number of Teeth	18	18	18	18	18
Saw rpm	1,150 rpm	1,150 rpm	1,150 rpm	1,250 rpm	1,250 rpm
Wrist Rotation	302 deg.	30 deg.	312 deg.	30 deg.	310 deg.
Width at Saw Housing	1550 mm (61.0 in.)	1620 mm (63.8 in.)	1620 mm (63.8 in.)	1660 mm (65.0 in.)	1660 mm (65.0 in.)
Height	2820 mm (111.0 in.)	3068 mm (120.8 in.)	3068 mm (120.8 in.)	2850 mm (112.0 in.)	2850 mm (112.0 in.)
Weight (including adapter and wrist)	3140 kg (6,920 lb.)	3550 kg (7,830 lb.)	3840 kg (8,470 lb.)	3370 kg (7,430 lb.)	3660 kg (8,070 lb.)
Machine Dimensions					
Standard Undercarriage	U7 EXD				
A Overall Height With Standard Boom					
Top of Cab With Flat Skylight	3.55 m (11 ft. 8 in.)				
Top of Cab With Peaked Skylight	3.77 m (12 ft. 4 in.)				
Top of Boom, Extended, Attachment Vertical	3.86 m (12 ft. 8 in.)				
B Overall Track Length	4.90 m (16 ft. 1 in.)				
C Track Length (idler to sprocket center)	3.83 m (12 ft. 7 in.)				
D Tail Swing (from swing center)	3.18 m (10 ft. 5 in.)				
E Boom Reach (to attachment pin)					
Standard Boom					
Maximum	7.01 m (23 ft. 0 in.)				
Minimum	3.00 m (9 ft. 10 in.)				
Cutting Swath	4.01 m (13 ft. 2 in.)				
Extended Boom					
Maximum	8.08 m (26 ft. 6 in.)				
Minimum	2.90 m (9 ft. 6 in.)				
Cutting Swath	5.18 m (17 ft. 0 in.)				



Ma	chine Dimensions (continued)	903M
Sta	ndard Undercarriage (continued)	U7 EXD
F	Ground Clearance	
	Single Grouser	779 mm (31 in.)
	Triple Grouser	738 mm (29 in.)
G	Upperstructure Width	
	Without Optional Walkway	3.05 m (10 ft. 0 in.)
	With Optional Walkway	3.20 m (10 ft. 6 in.)
Н	Track Gauge	2.69 m (8 ft. 10 in.)
1	Width Over Tracks	
	610-mm (24 in.) Track Shoes	3.30 m (10 ft. 10 in.)
	711-mm (28 in.) Track Shoes	3.40 m (11 ft. 2 in.)
	914-mm (36 in.) Track Shoes	3.61 m (11 ft. 10 in.)

903M Tracked Feller Buncher

