

TRACKED FELLER BUNCHERS

753J / 759J / 903K / 909K / 953K / 959K



JOHN DEERE



Tough bunch of fellers.

Loggers demand maximum productivity and uptime out of their equipment, day after 10-hour day. And John Deere 700J-Series and 900K-Series Tracked Feller Bunchers deliver, big time. Each features a powerful fuel-efficient engine, a hydraulic system that provides superb multifunctioning operation, wide cutting swath, and best-in-class head accumulation for maximum productivity. Easy access to service items along with simplified maintenance helps maximize uptime. Plus, the spacious, well-appointed cab provides everything operators need to bring out their very best, including excellent all-around visibility, low-effort controls, and an intuitive machine-control system. With one of these tough feller bunchers on your jobsite, working hard has never been so easy.





Ready, willing, and stable.

When you're ready to increase productivity, choose a 700J-Series Feller Buncher. Combining fast hydraulics and saw recovery, best-in-class cutting swath, and a powerful boom, these strong, agile machines handle more trees. Choose the larger U7 undercarriage option on the 753J for even more stability and longer undercarriage life. The 759J's industry-exclusive Shift-Tilt™ leveling system keeps the operator level and comfortable, while improving productivity on slopes.

Heavy-duty components on the optional U7 undercarriage of the 753J extend wear life, while adding 2267 kg (5,000 lb.) and 279 mm (11 in.) of track length enables better handling on hilly or rocky terrain. Increased stability makes it easier for the operator to fill the felling head and maximize productivity.

State-of-the-art diagnostics on the 700J-Series Powerview™ monitor help speed troubleshooting and get you back to felling quicker.

Best-in-class cutting swath maximizes cutting efficiency and productivity.



Smooth multifunction operation helps improve productivity. Get more done, faster, with more precision.

With a wide cutting swath, operators can cut more trees with less tracking and traveling.

Shift-Tilt auto-leveling system keeps the operator comfortable and productive on slopes. Four-way leveling shifts the upper structure a full three feet forward, optimizing the machine's center of gravity on steep inclines.

Tame the toughest woods.

The worst of the woods brings out the best in a 900K-Series Feller Buncher. A large-displacement 9.0L engine delivers the power you need, while conserving fuel. The new boom design delivers 30-percent-more cutting swath, so operators can cut more with less tracking and traveling. And the best-in-class leveling system provides additional stability for working in rocky or steep terrain. The CommandCenter™ advanced display unit provides quick push-button access to a wealth of machine info and superior onboard diagnostics to keep you up and running. And ready to take on whatever the woods throw your way.

The engine provides plenty of horsepower to ensure superior multifunctioning capability and fast saw recovery — without compromising fuel efficiency. And the 1080L (285 gal.) fuel tank allows you to run all day without refueling.

Standard reversing cooling fan automatically clears leaves, pine straw, and other debris from the grille. This ensures radiators and coolers receive proper airflow so the machine runs cool — even in the hottest weather.

Hydraulically actuated hood access to the engine and pump enclosure ensures fast service for easy and efficient maintenance.

Best-in-class leveling system keeps the upper frame level even in very steep terrain. The upper structure tilts 26 deg. forward, seven rearward, and 14 to either side, keeping the operator in a comfortable, level position.

The robust hydraulics system uses proven components to deliver exceptional reliability and long life.

A sealed-switch module groups individual dash switches in one convenient location. By eliminating numerous wires and unsealed connections, and keeping out dust, moisture, and debris, the forest-tough touchpad lasts 10 times longer than standard dash switches.





The boom is robust, with rugged pins and bushings to ensure reliable performance.

The boom arm geometry allows the boom to be tucked in, improving maneuverability in tight thinning operations.

Optional Rapid Cycle System reduces the learning curve for novices, while helping experienced operators do their best.



Brings a whole new meaning to the term “mobile office.”

Who wouldn't be more productive working from the new lumbar-support seat of a John Deere feller buncher? The comfortable, spacious cab is isolation mounted to reduce noise and vibration. It's even quiet enough for operators to hear their favorite music on the AM/FM/CD/AUX radio. All-around visibility is excellent. And a high-power HVAC system ensures year-round comfort. Other amenities include two 12-volt power ports, generous storage space for cell phones and other carry-ons, and bright cab lighting. Everything your operator needs to conduct business “on the go” — and be productive throughout those long shifts in the woods.



1. Visibility is virtually unobstructed and, on the 900K-Series, an optional floor window provides visibility to the tracks and underfoot conditions. An optional sunshade for the rear window on 900K-Series machines keeps the cab cooler and reduces glare.
2. The joysticks are located within the armrests, which can be adjusted to ensure a comfortable grip on the low-effort controls.
3. A tree counter on the 900K-Series operates in either automatic or manual mode. Automatic mode counts stems based on grab-arm sequencing and the rpm of the saw. Manual mode records each tree cut with the push of a joystick button.

JDLink™ provides online access to a wealth of machine information, including health, utilization, and fuel consumption — valuable data that helps you better understand costs and jobsite performance. Plus, you can help protect your machine from theft by setting up geofence and curfew alerts in your JDLink account.

New seat with lumbar support adjusts multiple ways for daylong comfort, while delivering ample legroom. Padded armrest and joysticks are ergonomically positioned to help beat fatigue.

Optional Rapid Cycle System (RCS) boom option

This option for 900K-Series machines allows faster, low-effort boom control using a single joystick — for more productivity with less fatigue. RCS includes the following features:

- **Straight-Line Rapid Cycle Boom** — enables single horizontal motion of the boom/stick/head controlled by moving a single joystick.
- **Auto Head Level** — automatically maintains the head's cutting position relative to the ground throughout the boom-reach cycle.
- **Auto Arm Sequencing** — grab arms and accumulator arms automatically sequence to gather cut trees with the press of a single joystick button.
- **Quick Release** — with the press of a single button, all four grab arms open simultaneously for a quick release of the bunch.



Our felling heads are at the head of their class.

Delivering superior accumulation capacity, our high-rotation heads allow you to cut more wood from one position and load each skidder to capacity from a single bunch. Our patented offset-disc saw blade keeps you moving at high rpm without slowing or stopping. These rugged felling heads just won't let you down.



A complete line of felling heads allows you to properly match your machine to a variety of forest conditions. Versatile FS20 and FS22 models tilt up to 15 deg. in each direction. Depending on your needs, high-rotation felling heads are available to increase productivity on a variety of jobs.

Patented offset-disc saw blade and one-piece rotatable teeth enable fast cuts through the tree.

The three-piece saw housing is protected by a durable wear plate and is bolted to the saw for quick, easy replacement when needed.

Offset horn design and a superior gathering arm on the FS20 keep stems aligned to hold and control larger bunches with less stem breakage.

1. A high-rotation wrist enables you to rotate the head to place trees in the proper position for pick-up by the skidder, improving logging-system productivity.
2. The saw incorporates deflectors and a large exit area to reduce clogging by chips and vines.

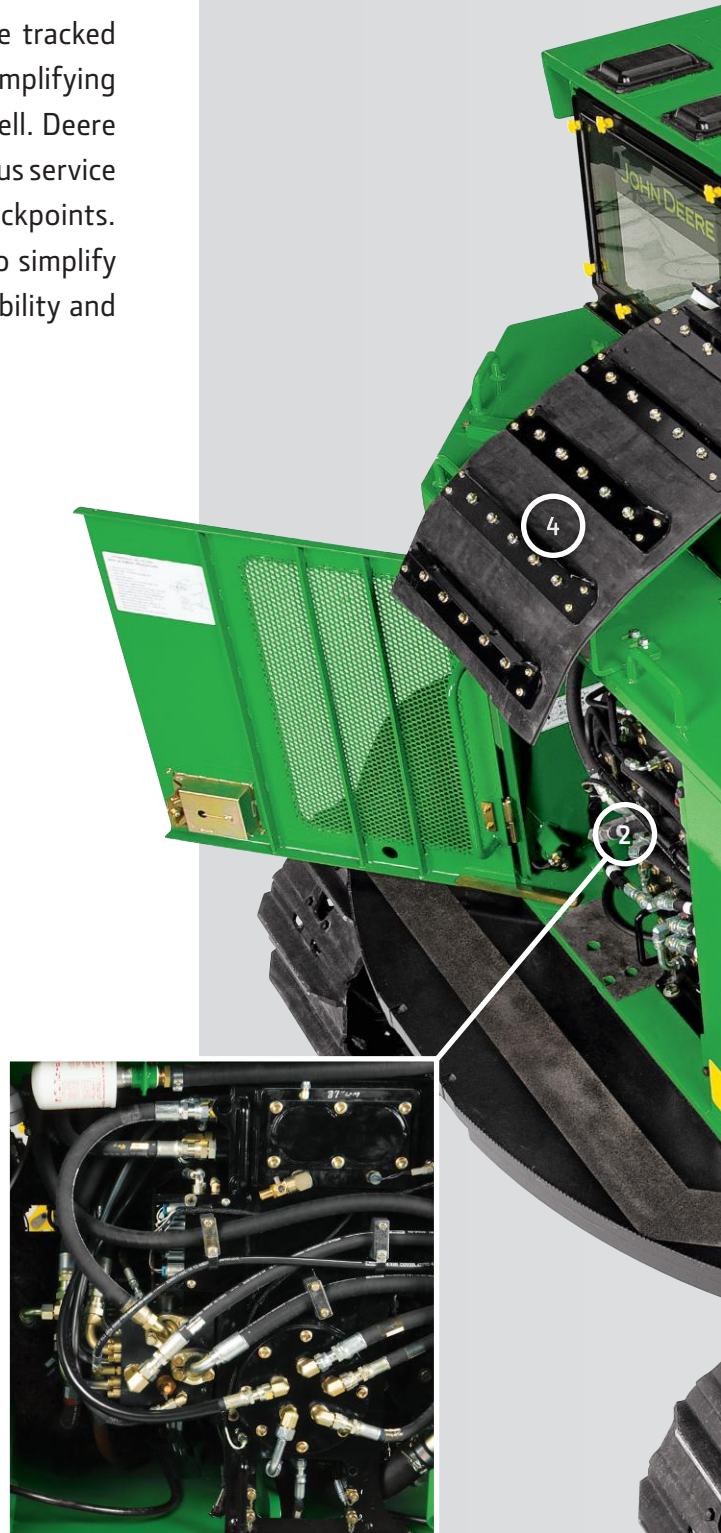


Cuts costs while cutting timber.

Cutting wood isn't the only area where your John Deere tracked feller buncher excels. Lowering daily operating costs and simplifying maintenance are among the many other things it does well. Deere diesel engines deliver outstanding fuel efficiency. Numerous service doors provide quick, easy access to service and daily checkpoints. Engine and hydraulic-component layout were designed to simplify periodic maintenance. Plus, industry-leading parts availability and dealer service are always within easy reach.

The simplified attachment-valve design on the felling head eliminates 20 connections and over 30 m (100 ft.) of hoses and tubes.

1. Quick, wide-open access to service items and major components speeds daily checks and periodic maintenance. Service work that used to cost you a day now takes just an hour.
2. Easily accessible hydraulic systems make maintenance a breeze, increasing uptime and lowering daily operating costs.
3. In addition to increasing machine stability, the optional platform counterweight on 700J-Series machines provides a slip-resistant surface and a convenient ladder for easier service.
4. A field-proven, tough, and durable boom-debris guard on the 700J-Series prevents nearly all unwanted material from entering the engine compartment.





753J



KEEP BACK

39011801

FR 21B

1

3

753J / 759J

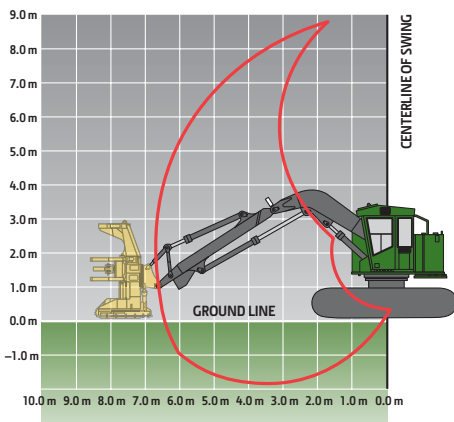


Engine	753J		759J
Manufacturer and Model	John Deere PowerTech™ Plus 6090H		John Deere PowerTech Plus 6090H
Non-Road Emission Standard	EPA Tier 2/EU Stage II		EPA Tier 2/EU Stage II
Cylinders	6		6
Displacement	9.0 L (549 cu. in.)		9.0 L (549 cu. in.)
Peak Power at 2,000 rpm	180 kW (241 hp)		180 kW (241 hp)
Net Power (ISO 9249) at 2,000 rpm	164 kW (220 hp)		164 kW (220 hp)
Net Peak Torque at 1,400 rpm	1230 Nm (907 lb.-ft.)		1230 Nm (907 lb.-ft.)
Fuel Tank	584 L (154 gal.)		584 L (154 gal.)
Cooling	753J / 759J		
Fan Type	Suction type, belt driven		
Powertrain	753J		759J
Undercarriage	U6 (standard)	U7 (optional)	U6L (standard)
Travel Speed, Forward and Reverse			
High	3.8 km/h (2.4 mph)	3.5 km/h (2.2 mph)	3.8 km/h (2.4 mph)
Low	1.8 km/h (1.1 mph)	1.6 km/h (1.0 mph)	1.8 km/h (1.1 mph)
Tractive Effort	256 kN (57,600 lbf)	292 kN (65,500 lbf)	256 kN (57,600 lbf)
Travel Brakes	Sealed, wet, multi-disc, automatic application, integral with track-drive gearboxes		
Hydraulics	753J / 759J		
Main Pump	Variable-displacement, axial-piston		
Maximum Rated Flow	360 L/min. (95 gpm)		
Continuous Saw Pump	Dedicated variable-displacement, axial-piston		
Maximum Rated Flow	114 L/min. (30 gpm)		
Attachment Pump	Dedicated axial-piston		
Maximum Rated Flow	135 L/min. (35 gpm)		
Oil Filtration	2 main return filters, 10-micron return with bypass		
Electrical	753J		759J
Voltage	24 volt		24 volt
Batteries	2 x 12 volt		2 x 12 volt
Alternator Rating	80 amp		80 amp
Work Lights	Halogen, 8 twin power (7 flood and 1 spot)		Halogen, 8 twin power (7 flood and 1 spot)
Undercarriage	753J		759J
Undercarriage	U6 (standard)	U7 (optional)	U6L (standard)
Track Gauge			
Standard	2560 mm (101 in.)	2560 mm (101 in.)	2438 mm (96 in.)
Optional Narrow	2285 mm (90 in.)	N/A	N/A
Track Shoes, Single-Bar Grouser, Clipped Corner, Heavy Duty, Open Center	610 mm (24.0 in.)	610 mm (24.0 in.)	610 mm (24.0 in.)
Track Chain, Heavy Duty	203.2 mm (8.0 in.)	215.9 mm (8.5 in.)	203.2 mm (8.0 in.)
Carrier Slides (per side)	2 bolt-on	2 bolt-on	2 bolt-on
Shoes (per side)	45	45	45
Track Rollers (per side)	8 (tractor type)	9 (tractor type)	8 (tractor type)
Track Guides, Integral, Thick High-Abrasion-Resistant Material	25 mm (1.0 in.)	25 mm (1.0 in.)	25 mm (1.0 in.)
Ground Contact Area (with standard shoe)	4.6 m ² (7,053 sq. in.)	4.9 m ² (7,541 sq. in.)	4.6 m ² (7,053 sq. in.)
Track Adjustment	Hydraulic	Hydraulic	Hydraulic
Swing Mechanism	753J		759J
Rotation, continuous	360 deg.		360 deg.
Swing Speed (maximum)	7.0 rpm		7.0 rpm
Swing Torque	54 233 Nm (40,000 lb.-ft.)		54 233 Nm (40,000 lb.-ft.)
Swing Brake	Sealed, wet, multi-disc		Sealed, wet, multi-disc
Ground Pressure Data	753J		759J
SAE J1309 (less attachment) / Undercarriage	U6 (standard)	U7 (optional)	U6L (standard)
Double Grouser, Heavy Duty			
610 mm (24 in.)	52.7 kPa (7.6 psi)	53.3 kPa (7.7 psi)	59.8 kPa (8.7 psi)
760 mm (30 in.)	43.0 kPa (6.2 psi)	43.6 kPa (6.3 psi)	N/A
Single Grouser, Clipped Corner, Heavy Duty			
610 mm (24 in.)	52.3 kPa (7.6 psi)	53.3 kPa (7.7 psi)	59.4 kPa (8.6 psi)
711 mm (28 in.)	45.4 kPa (6.6 psi)	46.4 kPa (6.7 psi)	51.5 kPa (7.5 psi)
Triple Grouser, Heavy Duty (for soft terrain only)			
914 mm (36 in.)	37.1 kPa (5.4 psi)	N/A	N/A



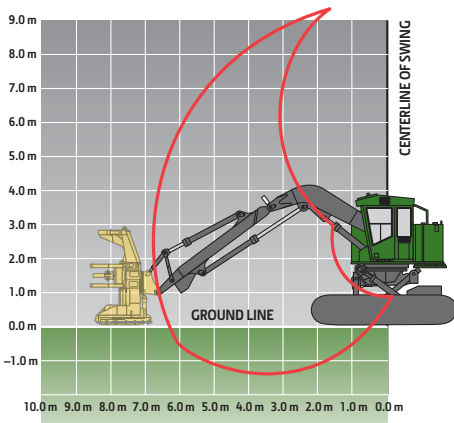
Operating Weight		753J		759J	
Includes standard equipment, half-full fuel tank, all fluids, and 80-kg (175 lb.) operator (less attachment)					
Undercarriage	U6 (standard)	U7 (optional)	U6L (standard)	U7 (optional)	U6L (standard)
Approximate Weight	24 470 kg (53,950 lb.)	26 420 kg (58,260 lb.)	27 760 kg (61,200 lb.)	26 420 kg (58,260 lb.)	27 760 kg (61,200 lb.)
Attachment Information					
Attachment	FS20 (standard)	FR21B (optional)	FS20 (standard)	FR21B (optional)	FR21B (optional)
Maximum Cutting Capacity	559 mm (22.0 in.)	545 mm (21.5 in.)	559 mm (22.0 in.)	545 mm (21.5 in.)	545 mm (21.5 in.)
Maximum Accumulation Capacity	0.43 m ² (4.6 sq. ft.)	0.46 m ² (5.0 sq. ft.)	0.43 m ² (4.6 sq. ft.)	0.46 m ² (5.0 sq. ft.)	0.46 m ² (5.0 sq. ft.)
Opening at Front of Housing	983 mm (38.7 in.)	1180 mm (46.5 in.)	983 mm (38.7 in.)	1180 mm (46.5 in.)	1180 mm (46.5 in.)
Blade Diameter	1422 mm (56 in.)	1372 mm (54 in.)	1422 mm (56 in.)	1372 mm (54 in.)	1372 mm (54 in.)
Number of Teeth	18	18	18	18	18
Wrist	30 deg.	302 deg.	30 deg.	302 deg.	302 deg.
Width at Saw Housing	1600 mm (63 in.)	1550 mm (61 in.)	1600 mm (63 in.)	1550 mm (61 in.)	1550 mm (61 in.)
Height	2794 mm (110 in.)	2820 mm (111 in.)	2794 mm (110 in.)	2820 mm (111 in.)	2820 mm (111 in.)
Weight (including adapter and wrist)	2630 kg (5,800 lb.)	3039 kg (6,700 lb.)	2630 kg (5,800 lb.)	3039 kg (6,700 lb.)	3039 kg (6,700 lb.)

See individual felling head brochure for further details.



753J Tracked Feller Buncher

Standard Boom Performance		753J	
Attachment	FS20	FR21B	
Lift Capacity (bare pin)			
At Full Reach	4720 kg (10,400 lb.)	4720 kg (10,400 lb.)	
At 6.1 m (20 ft. 0 in.)	5220 kg (11,500 lb.)	5220 kg (11,500 lb.)	
Reach (to tip of saw blade)			
Maximum	8.40 m (27 ft. 6 in.)	8.41 m (27 ft. 7 in.)	
Minimum	3.22 m (10 ft. 6 in.)	3.23 m (10 ft. 7 in.)	
Cutting Swath (all heads)	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)	

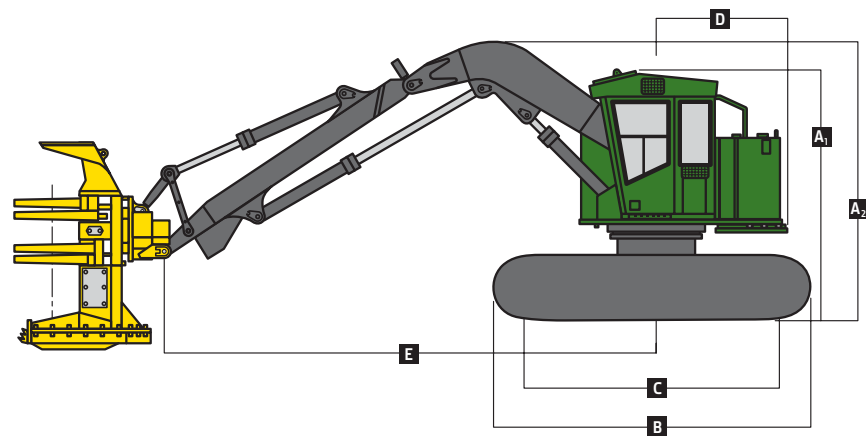
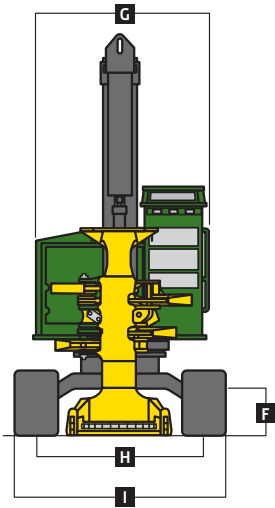


759J Tracked Feller Buncher

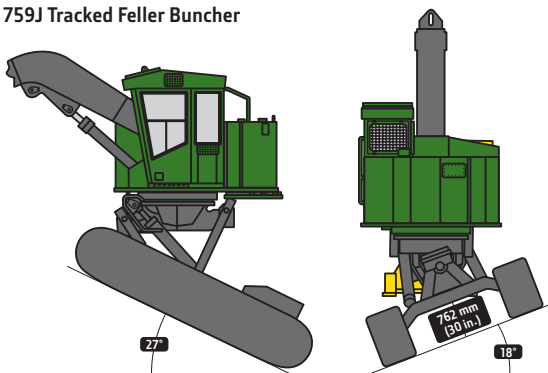
Standard Boom Performance		759J	
Attachment	FS20	FR21B	
Lift Capacity (bare pin)			
At Full Reach	4720 kg (10,400 lb.)	4720 kg (10,400 lb.)	
At 6.1 m (20 ft.)	5220 kg (11,500 lb.)	5220 kg (11,500 lb.)	
Reach (to tip of saw blade)			
Maximum	8.40 m (27 ft. 6 in.)	8.41 m (27 ft. 7 in.)	
Minimum	3.22 m (10 ft. 6 in.)	3.23 m (10 ft. 7 in.)	
Cutting Swath (all heads)	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)	

Machine Dimensions	753J	759J
Undercarriage	U6 (standard)	U7 (optional) / U6L (standard)
A Overall Height		
(1) Top of Cab	3.45 m (11 ft. 4 in.)	3.51 m (11 ft. 6 in.)
(2) Top of Boom	3.96 m (13 ft. 0 in.)	3.96 m (13 ft. 0 in.)
B Overall Track Length	4.41 m (14 ft. 6 in.)	4.69 m (15 ft. 5 in.)
C Track Length (idler to sprocket center)	3.37 m (11 ft. 1 in.)	3.62 m (11 ft. 10 in.)
D Tail Swing (from swing centerline)		
Short Counterweight	1.93 m (6 ft. 4 in.)	1.93 m (6 ft. 4 in.)
Long Counterweight	2.18 m (7 ft. 2 in.)	2.18 m (7 ft. 2 in.)
E Boom Reach (to attachment pin)		
Maximum	6.71 m (22 ft. 0 in.)	6.71 m (22 ft. 0 in.)
Minimum	1.52 m (5 ft. 0 in.)	1.52 m (5 ft. 0 in.)
Cutting Swath	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)
F Ground Clearance		
Single Grouser	730 mm (29 in.)	730 mm (29 in.)
Double Grouser	700 mm (28 in.)	700 mm (28 in.)
Triple Grouser	685 mm (27 in.)	685 mm (27 in.)
G Upperstructure Width	2.94 m (9 ft. 8 in.)	2.94 m (9 ft. 8 in.)
H Track Gauge	2.57 m (8 ft. 5 in.) standard / 2.29 m (7 ft. 6 in.) optional narrow	2.57 m (8 ft. 5 in.)
I Width Over Tracks		
610-mm (24 in.) Track Shoes	3.18 m (10 ft. 5 in.) standard / 2.90 m (9 ft. 6 in.) optional narrow	3.18 m (10 ft. 5 in.)
711-mm (28 in.) Track Shoes	3.28 m (10 ft. 9 in.) standard / 3.00 m (9 ft. 10 in.) optional narrow	3.28 m (10 ft. 9 in.)
760-mm (30 in.) Track Shoes	3.33 m (10 ft. 11 in.) standard / 3.05 m (10 ft. 0 in.) optional narrow	3.33 m (10 ft. 11 in.)
914-mm (36 in.) Track Shoes	3.48 m (11 ft. 5 in.) standard / 3.20 m (10 ft. 6 in.) optional narrow	3.48 m (11 ft. 5 in.)

753J / 759J Tracked Feller Buncher



759J Tracked Feller Buncher



759J Undercarriage-Leveling Mechanism

Forward	27 deg.
Rear	10 deg.
Side to Side	18 deg.

Machine not exactly as shown. Illustrations for dimensioning purposes only.

903K / 909K / 953K / 959K

Engine	903K		909K		953K		959K	
Manufacturer and Model	John Deere PowerTech™ Plus 6090H							
Non-Road Emission Standards	EPA Tier 3/EU Stage IIIA							
Displacement	9.0 L (549 cu. in.)		9.0 L (549 cu. in.)		9.0 L (549 cu. in.)		9.0 L (549 cu. in.)	
Standard Engine								
Peak Power at 1,900 rpm	224 kW (300 hp)		224 kW (300 hp)		246 kW (330 hp)		246 kW (330 hp)	
Net Power (ISO 9249) at 2,000 rpm	199 kW (267 hp)		199 kW (267 hp)		214 kW (286 hp)		214 kW (286 hp)	
Net Peak Torque at 1,500 rpm	1270 Nm (937 lb.-ft.)		1270 Nm (937 lb.-ft.)		1392 Nm (1,027 lb.-ft.)		1392 Nm (1,027 lb.-ft.)	
Optional Engine								
Peak Power at 1,900 rpm	246 kW (330 hp)		246 kW (330 hp)		N/A		N/A	
Net Power (ISO 9249) at 2,000 rpm	214 kW (286 hp)		214 kW (286 hp)		N/A		N/A	
Net Peak Torque at 1,500 rpm	1392 Nm (1,027 lb.-ft.)		1392 Nm (1,027 lb.-ft.)		N/A		N/A	
Fuel Tank	1080 L (285 gal.)		1080 L (285 gal.)		1080 L (285 gal.)		1080 L (285 gal.)	
Cooling								
903K / 909K / 953K / 959K								
Fan Type	Suction type, hydraulically driven, variable speed, reversing							
Powertrain								
903K								
Undercarriage	U7HD	U6	U7HD	U7ExD	U7HD	U7HD	U7ExD	U7ExD
	(standard)	(optional)	(standard)	(optional)	(standard)	(standard)	(standard)	(standard)
Travel Speed, Forward and Reverse								
High	4.2 km/h (2.6 mph)	5.0 km/h (3.1 mph)	4.2 km/h (2.6 mph)	3.6 km/h (2.2 mph)	4.2 km/h (2.6 mph)	4.2 km/h (2.6 mph)	3.6 km/h (2.2 mph)	3.6 km/h (2.2 mph)
Low	2.0 km/h (1.2 mph)	2.6 km/h (1.6 mph)	2.0 km/h (1.2 mph)	1.7 km/h (1.0 mph)	2.0 km/h (1.2 mph)	2.0 km/h (1.2 mph)	1.7 km/h (1.0 mph)	1.7 km/h (1.0 mph)
Tractive Effort	331 kN (74,300 lbf)	248 kN (55,700 lbf)	331 kN (74,300 lbf)	384 kN (86,300 lbf)	331 kN (74,300 lbf)	331 kN (74,300 lbf)	384 kN (86,300 lbf)	384 kN (86,300 lbf)
Travel Brakes	Sealed, wet, multi-disc, automatic application, integral with track-drive gearboxes							
Hydraulics								
903K / 909K / 953K / 959K								
Closed center, load sense, pressure compensated								
Main Pump								
Variable-displacement, axial-piston								
Maximum Rated Flow	475 L/min. (125 gpm)							
Continuous Saw Pump								
Dedicated variable-displacement, axial-piston								
Maximum Rated Flow	114 L/min. (30 gpm)							
Attachment Pump								
Dedicated variable-displacement, axial-piston								
Maximum Rated Flow	120 L/min. (32 gpm)							
Oil Filtration	2 main return filters, 10-micron return with bypass and one case drain strainer, 25 micron							
Electrical								
903K								
Voltage	24 volt		24 volt		24 volt		24 volt	
Batteries	2 x 12 volt		2 x 12 volt		2 x 12 volt		2 x 12 volt	
Alternator Rating								
Standard	100 amp		100 amp		100 amp		100 amp	
Optional	130 amp		130 amp		130 amp		130 amp	
Work Lights	Halogen (9 flood and 5 spot)		Halogen (10 flood and 5 spot)		Halogen (9 flood and 5 spot)		Halogen (10 flood and 5 spot)	
Service Lights	Halogen (3)		Halogen (3)		Halogen (3)		Halogen (3)	
Undercarriage								
Undercarriage	U7HD	U6	U7HD (standard) / U7ExD (optional)		U7HD	U7HD	U7ExD	U7ExD
	(standard)	(optional)			(standard)	(standard)	(standard)	(standard)
Track Gauge	2560 mm (101 in.)	2560 mm (101 in.)	2718 mm (107 in.)		2560 mm (101 in.)	2560 mm (101 in.)	2718 mm (107 in.)	2718 mm (107 in.)
Track Shoes, Single-Bar Grouser, Clipped Corner, Heavy Duty, Open Center	610 mm (24.0 in.)	610 mm (24.0 in.)	610 mm (24.0 in.)		610 mm (24.0 in.)	610 mm (24.0 in.)	610 mm (24.0 in.)	610 mm (24.0 in.)
Track Chain, Heavy Duty	215.9 mm (8.5 in.)	203.2 mm (8.0 in.)	215.9 mm (8.5 in.)		215.9 mm (8.5 in.)	215.9 mm (8.5 in.)	215.9 mm (8.5 in.)	215.9 mm (8.5 in.)
Carrier Slides (per side)	2 bolt-on		2 bolt-on		2 bolt-on		2 bolt-on	
Shoes (per side)	45		47		45		47	
Track Rollers (per side)	9 (tractor type)	8 (tractor type)	10 (tractor type)		9 (tractor type)	9 (tractor type)	10 (tractor type)	10 (tractor type)
Track Guides, Integral, Thick High-Abrasion-Resistant Material	25 mm (1.0 in.)	25 mm (1.0 in.)	25 mm (1.0 in.)		25 mm (1.0 in.)	25 mm (1.0 in.)	25 mm (1.0 in.)	25 mm (1.0 in.)
Ground Contact Area (with standard shoe)	4.9 m ² (7,541 sq. in.)	4.6 m ² (7,053 sq. in.)	5.1 m ² (7,957 sq. in.)		4.9 m ² (7,541 sq. in.)	4.9 m ² (7,541 sq. in.)	5.1 m ² (7,957 sq. in.)	5.1 m ² (7,957 sq. in.)
Track Adjustment	Hydraulic		Hydraulic		Hydraulic		Hydraulic	

Specifications are subject to change without notice.

Swing Mechanism	903K		909K		953K	959K
Rotation (continuous)	360 deg.		360 deg.		360 deg.	360 deg.
Swing Speed (maximum)	6.7 rpm		6.7 rpm		5.0 rpm	5.0 rpm
Swing Torque	70 503 Nm (52,000 lb.-ft.)		70 503 Nm (52,000 lb.-ft.)		99 246 Nm (73,200 lb.-ft.)	99 246 Nm (73,200 lb.-ft.)
Swing Brake	Sealed, wet, multi-disc		Sealed, wet, multi-disc		Sealed, wet, multi-disc	Sealed, wet, multi-disc
Ground Pressure Data						
SAE J1309 (less attachment) / Undercarriage	U7HD (standard)	U6 (optional)	U7HD (standard)	U7ExD (optional)	U7HD (standard)	U7ExD (standard)
Double Grouser, Heavy Duty						
610 mm (24 in.)	61.5 kPa (8.9 psi)	61.2 kPa (8.9 psi)	69.2 kPa (10.0 psi)	69.9 kPa (10.1 psi)	64.6 kPa (9.4 psi)	71.6 kPa (10.4 psi)
760 mm (30 in.)	50.3 kPa (7.3 psi)	49.9 kPa (7.2 psi)	N/A	N/A	52.7 kPa (7.6 psi)	N/A
Single Grouser, Clipped Corner, Heavy Duty						
610 mm (24 in.)	61.4 kPa (8.9 psi)	60.8 kPa (8.8 psi)	69.1 kPa (10.0 psi)	69.5 kPa (10.1 psi)	64.5 kPa (9.3 psi)	71.2 kPa (10.3 psi)
710 mm (28 in.)	53.3 kPa (7.7 psi)	52.8 kPa (7.7 psi)	60.0 kPa (8.7 psi)	60.3 kPa (8.7 psi)	56.0 kPa (8.1 psi)	61.8 kPa (9.0 psi)
Triple Grouser, Heavy Duty (for soft terrain only)						
914 mm (36 in.)	42.8 kPa (6.2 psi)	42.5 kPa (6.2 psi)	N/A	N/A	44.9 kPa (6.5 psi)	N/A

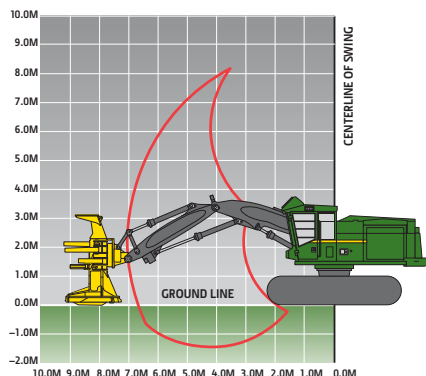
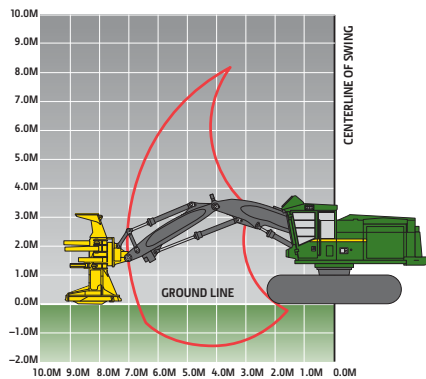
Operating Weight

Includes standard equipment, 610-mm (24 in.) double-grouser tracks, half-full fuel tank, all fluids, and 80-kg (175 lb.) operator (less attachment)

Undercarriage	U7HD (standard)	U6 (optional)	U7HD (standard)	U7ExD (optional)	U7HD (standard)	U7ExD (standard)
Approximate Weight	30 500 kg (67,270 lb.)	28 420 kg (62,660 lb.)	36 250 kg (79,920 lb.)	36 600 kg (80,710 lb.)	32 050 kg (70,670 lb.)	37 500 kg (82,690 lb.)

Attachment Information

	903K / 909K	903K / 909K	953K	959K
Attachment	FS22B	FR22B	FR24B	FR24B
Maximum Cutting Capacity	559 mm (22.0 in.)	559 mm (22.0 in.)	622 mm (24.5 in.)	622 mm (24.5 in.)
Maximum Accumulation Capacity	0.48 m ² (5.2 sq. ft.)	0.48 m ² (5.2 sq. ft.)	0.60 m ² (6.4 sq. ft.)	0.60 m ² (6.4 sq. ft.)
Opening at Front of Housing	1280 mm (50.4 in.)	1280 mm (50.4 in.)	1372 mm (54.0 in.)	1372 mm (54.0 in.)
Blade Diameter	1422 mm (56 in.)	1422 mm (56 in.)	1549 mm (61 in.)	1549 mm (61 in.)
Number of Teeth	18	18	20	20
Wrist	30 deg.	312 deg.	310 deg.	310 deg.
Width at Saw Housing	1620 mm (63.8 in.)	1620 mm (63.8 in.)	1737 mm (68.4 in.)	1737 mm (68.4 in.)
Height	3068 mm (120.8 in.)	3068 mm (120.8 in.)	3068 mm (120.8 in.)	3068 mm (120.8 in.)
Weight (including adapter and wrist)	3360 kg (7,410 lb.)	3820 kg (8,430 lb.)	4000 kg (8,820 lb.)	4000 kg (8,820 lb.)



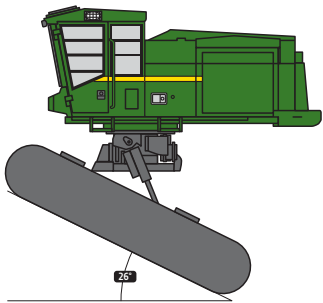
903K / 909K Tracked Feller Buncher

Standard Boom Performance	903K / 909K	
Attachment	Standard 4.01 m (13 ft. 2 in.) Boom w/ FR22B	Optional 5.18 m (17 ft. 0 in.) Boom w/ FR21B
Standard Lift Option w/o RCS		
Lift Capacity (bare pin)		
At Full Reach	6160 kg (13,590 lb.)	5140 kg (11,340 lb.)
At 6.1 m (20 ft. 0 in.)	8010 kg (17,670 lb.)	7810 kg (17,220 lb.)
Power Lift Option w/ RCS		
Lift Capacity (bare pin)		
At Full Reach	7570 kg (16,690 lb.)	N/A
At 6.1 m (20 ft. 0 in.)	9750 kg (21,500 lb.)	N/A
Reach (to tip of saw blade)		
Maximum	8.88 m (29 ft. 1 in.)	9.82 m (32 ft. 3 in.)
Minimum	4.87 m (15 ft. 11 in.)	4.64 m (15 ft. 3 in.)
Cutting Swath	4.01 m (13 ft. 2 in.)	5.18 m (17 ft. 0 in.)

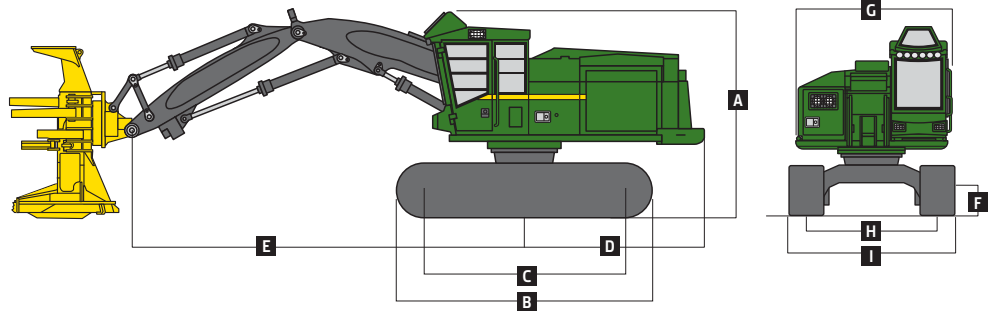
953K / 959K Tracked Feller Buncher

Standard Boom Performance	953K / 959K	
Attachment	Standard 4.01 m (13 ft. 2 in.) w/ FR24B	
Power Lift Option w/ and w/o RCS		
Lift Capacity (bare pin)		
At Full Reach	8310 kg (18,330 lb.)	
At 6.1 m (20 ft. 0 in.)	10 670 kg (23,530 lb.)	
Reach (to tip of saw blade)		
Maximum	8.94 m (29 ft. 4 in.)	
Minimum	4.93 m (16 ft. 2 in.)	
Cutting Swath	4.01 m (13 ft. 2 in.)	

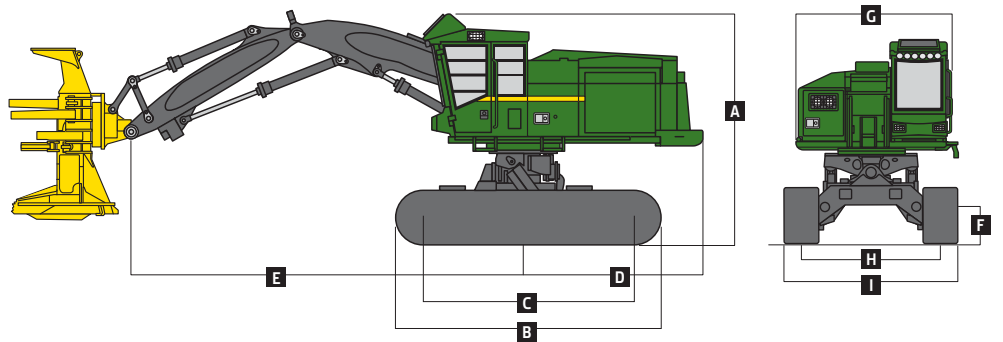
Machine Dimensions	903K	909K	953K	959K		
Undercarriage	U7HD (standard)	U6 (optional)	U7HD (standard)	U7ExD (optional)	U7HD (standard)	U7ExD (standard)
A Overall Height, Standard Boom						
Top of Cab without Skylight	3.53 m (11 ft. 7 in.)	3.48 m (11 ft. 5 in.)	N/A	N/A	3.53 m (11 ft. 7 in.)	N/A
Top of Cab with Skylight	3.80 m (12 ft. 6 in.)	3.76 m (12 ft. 4 in.)	4.02 m (13 ft. 3 in.)	4.02 m (13 ft. 3 in.)	3.80 m (12 ft. 6 in.)	4.02 m (13 ft. 3 in.)
Top of Boom	3.86 m (12 ft. 8 in.)	3.81 m (12 ft. 6 in.)	4.10 m (13 ft. 6 in.)	4.10 m (13 ft. 6 in.)	3.86 m (12 ft. 8 in.)	4.10 m (13 ft. 6 in.)
B Overall Track Length	4.69 m (15 ft. 5 in.)	4.41 m (14 ft. 6 in.)	4.92 m (16 ft. 2 in.)	4.92 m (16 ft. 2 in.)	4.69 m (15 ft. 5 in.)	4.92 m (16 ft. 2 in.)
C Track Length (idler to sprocket center)	3.62 m (11 ft. 10 in.)	3.37 m (11 ft. 1 in.)	3.83 m (12 ft. 7 in.)	3.83 m (12 ft. 7 in.)	3.62 m (11 ft. 10 in.)	3.83 m (12 ft. 7 in.)
D Tail Swing (from swing center)						
Standard Counterweight	3.05 m (10 ft. 0 in.)	3.05 m (10 ft. 0 in.)	3.05 m (10 ft. 0 in.)	3.05 m (10 ft. 0 in.)	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)
Optional Counterweight	3.23 m (10 ft. 7 in.)	3.23 m (10 ft. 7 in.)	N/A	N/A	N/A	N/A
E Boom Reach (to attachment pin) — Standard 4.01 m (13 ft. 2 in.) Boom						
Maximum	7.01 m (23 ft. 0 in.)	7.01 m (23 ft. 0 in.)	7.01 m (23 ft. 0 in.)	7.01 m (23 ft. 0 in.)	7.01 m (23 ft. 0 in.)	7.01 m (23 ft. 0 in.)
Minimum	3.00 m (9 ft. 10 in.)	3.00 m (9 ft. 10 in.)	3.00 m (9 ft. 10 in.)	3.00 m (9 ft. 10 in.)	3.00 m (9 ft. 10 in.)	3.00 m (9 ft. 10 in.)
Cutting Swath	4.01 m (13 ft. 2 in.)	4.01 m (13 ft. 2 in.)	4.01 m (13 ft. 2 in.)	4.01 m (13 ft. 2 in.)	4.01 m (13 ft. 2 in.)	4.01 m (13 ft. 2 in.)
E' Boom Reach (to attachment pin) — Optionl 5.18 m (17 ft. 0 in.) Boom						
Maximum Reach	8.08 m (26 ft. 6 in.)	8.08 m (26 ft. 6 in.)	8.08 m (26 ft. 6 in.)	8.08 m (26 ft. 6 in.)	N/A	N/A
Minimum Reach	2.90 m (9 ft. 6 in.)	2.90 m (9 ft. 6 in.)	2.90 m (9 ft. 6 in.)	2.90 m (9 ft. 6 in.)	N/A	N/A
Cutting Swath	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)	5.18 m (17 ft. 0 in.)	N/A	N/A
F Ground Clearance						
Single Grouser	735 mm (29 in.)	735 mm (29 in.)	769 mm (30 in.)	769 mm (30 in.)	735 mm (29 in.)	769 mm (30 in.)
Double Grouser	701 mm (28 in.)	701 mm (28 in.)	735 mm (29 in.)	735 mm (29 in.)	701 mm (28 in.)	735 mm (29 in.)
G Upperstructure Width						
Without Optional Walkway	3.05 m (10 ft. 0 in.)	3.05 m (10 ft. 0 in.)	N/A	N/A	3.05 m (10 ft. 0 in.)	N/A
With Optional Walkway	3.20 m (10 ft. 6 in.)	3.20 m (10 ft. 6 in.)	N/A	N/A	3.20 m (10 ft. 6 in.)	N/A
With Standard Walkway	N/A	N/A	3.20 m (10 ft. 6 in.)	3.20 m (10 ft. 6 in.)	N/A	3.20 m (10 ft. 6 in.)
H Track Gauge	2.56 m (8 ft. 5 in.)	2.56 m (8 ft. 5 in.)	2.72 m (8 ft. 11 in.)	2.72 m (8 ft. 11 in.)	2.56 m (8 ft. 5 in.)	2.72 m (8 ft. 11 in.)
I Width Over Tracks						
610-mm (24 in.) Track Shoes	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.17 m (10 ft. 5 in.)	3.33 m (10 ft. 11 in.)
711-mm (28 in.) Track Shoes	3.27 m (10 ft. 9 in.)	3.27 m (10 ft. 9 in.)	3.43 m (11 ft. 3 in.)	3.43 m (11 ft. 3 in.)	3.27 m (10 ft. 9 in.)	3.43 m (11 ft. 3 in.)
760-mm (30 in.) Track Shoes	3.32 m (10 ft. 11 in.)	3.32 m (10 ft. 11 in.)	N/A	N/A	3.32 m (10 ft. 11 in.)	N/A
914-mm (36 in.) Track Shoes	3.47 m (11 ft. 5 in.)	3.47 m (11 ft. 5 in.)	N/A	N/A	N/A	N/A



903K / 953K Tracked Feller Buncher



909K / 959K Tracked Feller Buncher



909K / 959K Undercarriage-Leveling Mechanism

Forward	26 deg.
Rear	7 deg.
Side to Side	14 deg.

Machine not exactly as shown. Illustrations for dimensioning purposes only. Specifications are subject to change without notice.



A FORCE TO BE RECKONED WITH, FOR THE FORCES YOU RECKON WITH.

Your work in the forest is anything but a walk in the park. So we're arming you with the most powerful feller bunchers in the industry. Now all John Deere 900 K-Series Tracked Feller Bunchers can be powered by up to 246 kW (330 hp). The CommandCenter™ makes sure no power is wasted. Unmatched fuel efficiency keeps you running strong. And improved visibility lets you see what you're up against. At least until you knock it down. For more info, see your dealer today, or call 1-800-503-3373. At John Deere, We're For Loggers.



www.JohnDeere.com/tfb