### L-SERIES TRACTOR LOADERS



# 6 210L EP / 210L VERSATILITY, FRONT TO BACK

THE L-SERIES

# GO-ANYWHERE LOADING ANDIORE 2101 B

DEERE







### HUGELY POPULAR ON THE WEST COAST, OUR TRACTOR LOADERS ARE NOW CATCHING ON EVERYWHERE.

For years, John Deere "skip" loaders have been extremely popular on the West Coast. With their go-anywhere grading ability and operating ease, it's no surprise these once "secret weapons" are becoming one of the worst-kept secrets in the business.

A key reason for their popularity is versatility. Our L-Series Tractor Loaders are more than just great grading machines. The economically priced 210L EP Tractor Loader offers plenty of capability for a wide variety of tasks. If you need more power and options, choose the 210L.

L-Series machines boast many customer-inspired enhancements to help maximize productivity and uptime, while lowering daily operating costs. Equip yours with a multipurpose bucket or multitude of other attachments, and you'll have **what you need for whatever comes your way.** 

### **DEPENDABLE, DURABLE,** AND DOWN TO BUSINESS.

L-Series Tractor Loaders aren't modified backhoes, unlike many competitor offerings. These industrial-strength machines are purpose built for tractor-loader owners and their unique applications.

### Lift more

Improved loader capacities allow for increased lifting and breakout forces. Get more done in a day with 26-percent-faster loader-lift cycle times and 17-percent more loader lifting, from 5,432 to 6,340 lb.

### Proven engine technology

You can feel confident in the performance, fuel efficiency, and reliability of the Deere 210L EP's proven Yanmar 3.3L engine. This IT4-equivalent diesel complies with FT4 emissions regulations without the need for aftertreatment components, minimizing machine complexity and the number of parts needed to maintain your fleet.

### Powerful FT4 engine

Rugged FT4/Stage IV PowerTech<sup>™</sup> Plus diesel for the 210L meets rigid emissions regulations, enabling you to work, wherever there's work even in nonattainment areas. Our field-proven technology is simple, fluid efficient, fully integrated, and fully supported. It employs cooled exhaust gas recirculation (EGR) and selective catalytic reduction (SCR).

### Better resale value

You'll profit from proven John Deere advantages such as smooth and responsive hydraulics, exceptional reliability, low daily operating costs, and unsurpassed resale.

### More durable components

Larger-diameter hitch-pitch and tilt cylinder pins improve durability, for long life. Optional transmission guard provides more protection from stones, stumps, and debris, while preventing material accumulation when backing over the pile.

### Hydraulically actuated clutch packs

Clutch packs are hydraulically actuated to deliver more reliable performance, regardless of operating conditions and load.



EPA FINAL TIER 4 (FT4)/ EU STAGE IV POWERTECH PLUS DIESEL ENGINE\*



## COMFORT, CONVENIENCE, AND CONTROL

TAKE A TURN FOR THE BETTER.

With customer-inspired enhancements such as increased seat rotation and an ergonomic loader grip, our operator stations once again set the standard for comfort and ease of control. Whether equipped with a canopy or optional four-season air-conditioned/heated cab, L-Series machines help beat fatigue and boost productivity.





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### OUTSTANDING BOX-BLADE VIEW

### More comfort and visibility

Right-hand armrest is larger and more comfortable. Seat rotation has been increased from 50 to 70 deg. for a better view to the box blade and easier machine entry and exit. Unrestricted visibility out the front and rear is even more expansive.

### Vital info at a glance

Easy-view monitor displays important operating information at a glance. Available passcode-enabled security system helps prevent unauthorized machine movement.

### Easy-to-use loader-control grip

"Palm-on-top" loader-control grip is extremely comfortable and easy to use. Optional control of clutch disconnect, auxiliary proportional roller, and momentary mechanicalfront-wheel drive is at your fingertips.

### **Elevated canopy platform**

Higher canopy with wider and lower step provides better visibility over the hood and to the corners of the front bucket, as well as to the rear box blade. Makes it easier to service under-canopy components, too.

### Smooth-shifting PowerShift<sup>™</sup> transmission

Exclusive PowerShift transmission allows smooth no-clutch fingertip shifting and direction changes for fast work cycles.

# INASTERED.

### **DESIGNED AND BUILT** FOR YOUR MULTIPLE PURPOSES.

Whether you do earthwork or roadwork, land clearing or landscaping — if it's a versatile heavy-duty tractor loader you need, get an L-Series.

### More rear-weight options

700- and 1,500-lb. rear ballast-weight packages give you more versatility to customize your machine to your application. 700-lb. hitch-weight package is now compatible with the power takeoff (PTO) option (210L only), for even greater versatility.

### On-the-fly MFWD with optional limited-slip front axle

Mechanical-front-wheel drive (MFWD) and differential lock can be engaged on-the-go to give extra traction in poor underfoot conditions or for moving heavy loads. Optional limited-slip front axle delivers 65 percent of available power to the tire with the best traction for true all-wheel-drive pulling power.

### Increased hitch range of motion and control

Hitch design makes it easier to position the box blade over the pile, for more versatility and productivity. Optional dual-tilt rear hydraulic cylinders provide greater three-point side-to-side hitch control of the rear attachments.

### Work our connections

Equipped with an optional loader coupler or three-point hitch coupler, L-Series Tractor Loaders accept numerous productivity-enhancing attachments. Integral three-point hitch and optional PTO accommodate a variety of Category 2 tools such as disks, mowers, blades, and box scrapers.

### See more, do more

Improved fender design and light positioning provide better visibility around the canopy.

### Extend your workday

Premium LED lighting package option for canopy units includes two front spotlights and two rear and two side floodlights, for enhanced visibility to the rear work tools in low- or no-light conditions.

PREMIUM LED LIGHTING PACKAGE







### CHEAP UPKEEP MORE SAVINGS. LESS HASSLE.

### No DPF

No diesel particulate filter (DPF) is needed on either model, reducing downtime and expense.

### Quiet, fuel-efficient fan

Variable-speed electronically controlled fan on the 210L automatically speeds up or slows down, operating only as needed to keep things cool. Also helps conserve power and fuel, while reducing noise. Viscous variable-speed fan is standard on the 210L EP.

### Maintenance-free batteries

Standard maintenance-free batteries improve cold-starting reliability, reduce periodic service, and lengthen battery life.

### Same-side ground-level service

Two-position tilt hood provides same-side ground-level access to engine and transmission dipsticks, engine-oil fill, fuel and air filters, and coolant reservoir. Fuel fill is also conveniently close.

### Easy clean-out coolers

Hydraulic and transmission coolers mounted in the mainframe are unhinged. Radiator, charge air, fuel, and A/C condenser coolers are in the front, if equipped.

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### **Onboard diagnostics**

If something goes wrong, the multi-language monitor displays easy-to-understand diagnostic information about the issue, along with a trouble code, to help get you back up and running quickly.

### Reversible router bits extend wear

Router bits are reversible, for double the life.

### Get valuable insight with JOHN DEERE WORKSIGHT<sup>™</sup>

John Deere WorkSight is an exclusive suite of telematics solutions that increases uptime while lowering operating costs. At its heart, JDLink<sup>™</sup> machine monitoring provides real-time utilization data and alerts to help you maximize productivity and efficiency while minimizing downtime. Remote diagnostics enable your dealer to read codes and record performance data without a trip to the jobsite.

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### Keep downtime down with JOHN DEERE ULTIMATE UPTIME

John Deere Ultimate Uptime, featuring John Deere WorkSight, is a customizable support solution available exclusively from your Deere dealer. This flexible offering maximizes equipment availability with standard John Deere WorkSight capabilities that can help prevent future downtime and speed repairs when needed. In addition to the base John Deere WorkSight features, our dealers work with you to build an uptime package that meets the specific needs of your machine, fleet, project, and business, including customized maintenance and repair agreements, onsite parts availability, extended warranties, fluid sampling, response-time quarantees, and more.



# 210Lep/210L specifications

Engine	210L EP		210L		
Manufacturer and Model	Yanmar 4TNV98CT turboo	charged	John Deere PowerTech <sup>™</sup> Plus 4045HT082 turbocharged		
Non-Road Emission Standard	EPA Interim Tier 4 equivalent,		EPA Final Tier 4/EU Stage IV		
	EPA Final Tier 4 compliant		5		
Displacement	3.3 L (203 cu. in.)		4.5 L (276 cu. in.)		
Gross Peak Power	54 kW (72 hp) at 2,330 rpm		71 kW (95 hp) at 2,244 rpm		
Power Ratings					
Net Peak Power (ISO 9249)	51 kW (69 hp) at 2,010 rpm	ı	69 kW (93 hp) at 2,244 rpr	69 kW (93 hp) at 2.244 rpm	
Net Peak Torque (ISO 9249)	271 Nm (200 lbft.) at 1,80		383 Nm (282 lbft.) at 1,400 rpm		
Net Torque Rise	27%		28%		
Lubrication	27 % Pressure system with spin-on filter and cooler		Pressure system with spin-on filter and cooler		
Air Cleaner	Dual-stage dry type with safety element and evacuate				
Cooling		,			
Fan Type	Viscous variable-rate (tem	perature controlled)	Electronically controlled, variable rate, suction type		
	cooling fan standard		cooling fan		
Engine Coolant Rating	–40 deg. C (–40 deg. F)		–40 deg. C (–40 deg. F)		
Engine Oil Cooler	Oil to water		Oil to water		
Powertrain					
Transmission	4-speed, helical-cut gears, full PowerShift™ transmis cutoff on loader lever		sion with hydraulic reverser standard; electric clutch		
Torque Converter	Single stage, dual phase w	/ith 2.63:1 stall ratio, 280 mr	n (11 in )		
Maximum Travel Speeds with PowerShift Transmission,		,			
Measured with 16.9L-24 Rear Tires	Forward	Reverse	Forward	Reverse	
Gear 1	5.2 km/h (3.2 mph)	6.6 km/h (4.1 mph)	5.0 km/h (3.1 mph)	6.4 km/h (4.0 mph)	
Gear 2	9.7 km/h (6.0 mph)	12.2 km/h (7.6 mph)	9.3 km/h (5.8 mph)	11.7 km/h (7.3 mph)	
Gear 3	19.9 km/h (12.4 mph)	_	19.1 km/h (11.9 mph)	-	
Gear 4	36.2 km/h (22.5 mph)	_	34.5 km/h (21.4 mph)	_	
Axles					
Axle Oscillation, Stop to Stop, Front Axle	22 deg.		22 deg.		
Axle Ratings	22 acg.		Mechanical-Front-Wheel		
	Front	Rear	Drive (MFWD)	Rear	
SAE J43	5000 kg (11,000 lb.)	6000 kg (13,200 lb.)	4500 kg (9,921 lb.)	6000 kg (13,200 lb.)	
Dynamic	9000 kg (19,800 lb.)	10 000 kg (22,000 lb.)	8500 kg (18,739 lb.)	10 000 kg (22,000 lb.)	
Static	23 500 kg (51,800 lb.)	26 500 kg (58,400 lb.)	23 500 kg (51,809 lb.)	26 500 kg (58,400 lb.)	
Ultimate	37 000 kg (81,600 lb.)	39 500 kg (87,100 lb.)	37 000 kg (81,571 lb.)	41 500 kg (91,500 lb.)	
Differentials	5, 666 kg (6,666 kz.)	55 566 kg (61).66 ksi,	57 000 kg (01,57 1.51,	11 500 kg (51,500 i.s.)	
MFWD Axle	Open – standard: automat	tic, limited-slip traction con	trol – custom or ontional		
Rear Axle					
Steering (ISO 5010)	Foot actuated, hydraulically engaged 100% mechanica Hydrostatic power steering and emergency steering		Hydrostatic power steering and emergency steering		
Axle	MFWD		MFWD		
Curb-Turning Radius					
With Brakes	3.58 m (11 ft. 9 in.)		3.58 m (11 ft. 9 in.)		
Without Brakes	4.24 m (13 ft. 11 in.)		4.24 m (13 ft. 11 in.)		
Bucket-Clearance Circle	4.24 (1) (1) (1, 1) (11, 7)		4.24 (1) (1) (1, 11 (11.)		
With Brakes	10.23 m (33 ft 7 in )		10.23 m (33 ft 7 in )		
Without Brakes	10.23 m (33 ft. 7 in.) 11.19 m (36 ft. 9 in.)		10.23 m (33 ft. 7 in.) 11.19 m (36 ft. 9 in.)		
	2.7		2.7		
Steering Wheel Turns (lock to lock) Brakes (ISO 3450)	2.1		2.1		
	Dower periots of hudre 1	wat dies manuted inter	colf adjusting and all	lining	
Service			self-adjusting and self-equa		
Parking	spring applied, hydraulicall	y released, wet, multi-disc, ir	dependent of service brakes	with electric switch contro	
Hydraulics	0 1 1		0 1 1 1	1 1 1 1 1 1 1 1	
Main Pump	Open-center system; axial		Open center, single-gear pump, integral priority valve		
Pump Flow, Hitch and Loader	104 L/m (27.5 gpm) at 2,200 rpm		96 L/m (25.3 gpm) at 2,250 rpm		
System Relief Pressure	22 063 kPa (3,200 psi)		22 063 kPa (3,200 psi)		

# 210LEP/210L SPECIFICATIONS



Hydraulics (continued)	210L EP	210L	
Hitch Hydraulic Cycle Time			
Hitch Raise (full stroke)	1.9 sec.	1.5 sec	
Hitch Lower (to ground level)	0.9 sec.	1.2 sec	
Pitch Down	1.9 sec.	1.6 sec	
Pitch Up	2.2 sec.	1.6 sec	
Tilt Up	1.5 sec.	1.4 sec	
Tilt Down	1.7 sec.	1.2 sec	
Loader Hydraulic Cycle Time			
Boom Raise to Full Height	4.7 sec.	5.1 sec.	
Bucket Dump at Maximum Height	1.6 sec.	2.4 sec	
Boom Lower (power down)	2.4 sec.	3.4 sec	
Controls			
Hitch	4-lever, single tilt cylind	er; 5-lever dual tilt (includes auxiliary)	optional
Loader		et control with electric clutch cutoff s ader/auxiliary with metered roller swi	witch; separate-lever loader auxiliary function tch for auxiliary optional
Cylinders	210L EP / 210L		
Heat-treated, chrome-plated, polished rods; hardene	ed steel (replaceable bushing	s) pivot pins	
	Bore	Rod Diameter	Stroke
Loader Boom (2)	80.0 mm (3.15 in.)	50.0 mm (1.97 in.)	790.0 mm (31.10 in.)
Loader Bucket (1)	90.0 mm (3.54 in.)	50.0 mm (1.97 in.)	744.0 mm (29.29 in.)
Hitch Lift (1)	80.0 mm (3.15 in.)	50.0 mm (1.97 in.)	254.0 mm (10.00 in.)
Hitch Pitch (1)	63.5 mm (2.50 in.)	31.8 mm (1.25 in.)	196.9 mm (7.75 in.)
Hitch Tilt (1 or 2)	76.2 mm (3.00 in.)	50.8 mm (2.00 in.)	120.7 mm (4.75 in.)
MFWD (1)	65.0 mm (2.56 in.)	40.0 mm (1.57 in.)	210.0 mm (8.27 in.)
Electrical	210L EP	210L	
Voltage	12 volt	12 volt	
Alternator Rating	130 amp with canopy or		np with canopy / 150 amp with cab
Lights			h); turn signals and flashers, 2 front and 2 rear; D-light option: 2 front, 2 side, and 2 rear
Lights Operator Station			
-	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid-	ont amber and 2 rear reflectors; 6-LEI	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab:
Operator Station	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid-	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab:
Operator Station Type (SAE J1040)	stop- and taillights; 2 fr <b>210L EP / 210L</b> Standard canopy: solid- isolation-mounted ROP	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab:
Operator Station Type (SAE J1040) Seat Rotation	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP Standard	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i>	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab:
Operator Station Type (SAE J1040) Seat Rotation Left	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP Standard 10 deg.	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg.	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab:
Operator Station Type (SAE J1040) Seat Rotation Left Right	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP Standard 10 deg.	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg.	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab:
Operator Station Type (SAE J1040) Seat Rotation Left Right	stop- and taillights; 2 fr <b>210L EP / 210L</b> Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg.	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg.	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab:
Operator Station Type (SAE J1040) Seat Rotation Left Right Tires/Wheels	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg. <i>Front</i> 12X16.5 12 PR, heavy-	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab:
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg. <i>Front</i> 12X16.5 12 PR, heavy- sidewall traction	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4)	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab:
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP Standard 10 deg. 40 deg. Front 12X16.5 12 PR, heavy- sidewall traction 210L EP	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b>	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System         Cab	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg. <i>Front</i> 12X16.5 12 PR, heavy- sidewall traction	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b>	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab:
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP Standard 10 deg. 40 deg. Front 12X16.5 12 PR, heavy- sidewall traction 210L EP	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b> 30.0 L	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System         Cab         Canopy         Rear Axle	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg. <i>Front</i> 12X16.5 12 PR, heavy- sidewall traction 210L EP 19.3 L (20.4 qt.) 17.4 L (18.4 qt.) 18 L (19 qt.)	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b> 30.0 L 28.2 L 18 L (19	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC (31.7 qt.) (29.8 qt.) 9 qt.)
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System         Cab         Canopy         Rear Axle         Engine Oil (including vertical spin-on filter)	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP Standard 10 deg. 40 deg. Front 12X16.5 12 PR, heavy- sidewall traction 210L EP 19.3 L (20.4 qt.) 17.4 L (18.4 qt.) 18 L (19 qt.) 10.5 L (11.1 qt.)	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b> 30.0 L 28.2 L 18 L (19 13 L (19)	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC (31.7 qt.) (29.8 qt.) 9 qt.) 8.7 qt.)
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System         Cab         Canopy         Rear Axle         Engine Oil (including vertical spin-on filter)         Torque Converter and Transmission	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP Standard 10 deg. 40 deg. Front 12X16.5 12 PR, heavy- sidewall traction 210L EP 19.3 L (20.4 qt.) 17.4 L (18.4 qt.) 18 L (19 qt.) 10.5 L (11.1 qt.) 15.1 L (16 qt.)	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b> 30.0 L 28.2 L 18 L (19 13 L (19) 13 L (10)	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC (31.7 qt.) (29.8 qt.) Đ qt.) B.7 qt.) I6 qt.)
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System         Cab         Canopy         Rear Axle         Engine Oil (including vertical spin-on filter)         Torque Converter and Transmission         Fuel Tank (with ground-level fueling)	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg. <i>Front</i> 12X16.5 12 PR, heavy- sidewall traction 210L EP 19.3 L (20.4 qt.) 17.4 L (18.4 qt.) 18 L (19 qt.) 10.5 L (11.1 qt.) 15.1 L (16 qt.) 117.3 L (31 gal.)	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b> 30.0 L 28.2 L 18 L (19 13 L (19 13 L (10) 15.1 L (10)	2-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC (31.7 qt.) (29.8 qt.) 9 qt.) 8.7 qt.) 16 qt.) (31 gal.)
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System         Cab         Canopy         Rear Axle         Engine Oil (including vertical spin-on filter)         Torque Converter and Transmission         Fuel Tank (with ground-level fueling)         Diesel Exhaust Fluid (DEF) Tank	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg. <i>Front</i> 12X16.5 12 PR, heavy- sidewall traction 210L EP 19.3 L (20.4 qt.) 17.4 L (18.4 qt.) 18 L (19 qt.) 10.5 L (11.1 qt.) 15.1 L (16 qt.) 117.3 L (31 gal.) —	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b> 30.0 L 28.2 L 18 L (19 13 L (11) 15.1 L (11) 15.1 L (11) 15.1 L (11)	2-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC (31.7 qt.) (29.8 qt.) 9 qt.) 8.7 qt.) 16 qt.) (31 gal.) (4.3 gal.)
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System         Cab         Canopy         Rear Axle         Engine Oil (including vertical spin-on filter)         Torque Converter and Transmission         Fuel Tank (with ground-level fueling)         Diesel Exhaust Fluid (DEF) Tank         Hydraulic System	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg. <i>Front</i> 12X16.5 12 PR, heavy- sidewall traction 210L EP 19.3 L (20.4 qt.) 17.4 L (18.4 qt.) 18 L (19 qt.) 10.5 L (11.1 qt.) 15.1 L (16 qt.) 117.3 L (31 gal.) — 111.7 L (29.5 gal.)	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b> 30.0 L 28.2 L 18 L (19 13 L (11) 15.1 L	2-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC (31.7 qt.) (29.8 qt.) 9 qt.) 8.7 qt.) 16 qt.) (31 gal.) (4.3 gal.) (29.5 gal.)
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System         Cab         Canopy         Rear Axle         Engine Oil (including vertical spin-on filter)         Torque Converter and Transmission         Fuel Tank (with ground-level fueling)         Diesel Exhaust Fluid (DEF) Tank         Hydraulic System         Hydraulic Reservoir	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg. <i>Front</i> 12X16.5 12 PR, heavy- sidewall traction 210L EP 19.3 L (20.4 qt.) 17.4 L (18.4 qt.) 18 L (19 qt.) 10.5 L (11.1 qt.) 15.1 L (16 qt.) 117.3 L (31 gal.) —	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, wit S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b> 30.0 L 28.2 L 18 L (19 13 L (11) 15.1 L	2-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC (31.7 qt.) (29.8 qt.) 9 qt.) 8.7 qt.) 16 qt.) (31 gal.) (4.3 gal.)
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System         Cab         Canopy         Rear Axle         Engine Oil (including vertical spin-on filter)         Torque Converter and Transmission         Fuel Tank (with ground-level fueling)         Diesel Exhaust Fluid (DEF) Tank         Hydraulic System         Hydraulic Reservoir         MFWD Housing	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg. <i>Front</i> 12X16.5 12 PR, heavy- sidewall traction 210L EP 19.3 L (20.4 qt.) 17.4 L (18.4 qt.) 18 L (19 qt.) 10.5 L (11.1 qt.) 15.1 L (16 qt.) 117.3 L (31 gal.) – 111.7 L (29.5 gal.) 45 L (11.9 gal.)	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, with S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b> 30.0 L 28.2 L 18 L (19 13 L (10 15.1 L (10) 15.1 L (10) 11.7 L 45 L (10)	D-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC (31.7 qt.) (29.8 qt.) 9 qt.) 8.7 qt.) 16 qt.) (31 gal.) (4.3 gal.) (29.5 gal.) 1.9 gal.)
Operator Station         Type (SAE J1040)         Seat Rotation         Left         Right         Tires/Wheels         With MFWD         Serviceability         Refill Capacities         Cooling System         Cab         Canopy         Rear Axle         Engine Oil (including vertical spin-on filter)         Torque Converter and Transmission         Fuel Tank (with ground-level fueling)         Diesel Exhaust Fluid (DEF) Tank         Hydraulic System         Hydraulic Reservoir	stop- and taillights; 2 fr 210L EP / 210L Standard canopy: solid- isolation-mounted ROP <i>Standard</i> 10 deg. 40 deg. <i>Front</i> 12X16.5 12 PR, heavy- sidewall traction 210L EP 19.3 L (20.4 qt.) 17.4 L (18.4 qt.) 18 L (19 qt.) 10.5 L (11.1 qt.) 15.1 L (16 qt.) 117.3 L (31 gal.) — 111.7 L (29.5 gal.)	ont amber and 2 rear reflectors; 6-LEI mounted ROPS/FOPS, left access, with S/FOPS, left access, with molded roof <i>Optional</i> 20 deg. 50 deg. <i>Rear</i> 16.9-24 142A8 LI, 8-ply equivalent (R4) <b>210L</b> 30.0 L 28.2 L 18 L (19 13 L (10 15.1 L (10) 15.1 L (10) 11.7 L 45 L (10)	2-light option: 2 front, 2 side, and 2 rear h 2-post ROPS and steel roof / optional cab: and standard HVAC (31.7 qt.) (29.8 qt.) 9 qt.) 8.7 qt.) 16 qt.) (31 gal.) (4.3 gal.) (29.5 gal.) 1.9 gal.) 6.9 qt.) 6.9 qt.)

### 210L EP / 210L

Operating Weights	210L EP	210L
With Full Fuel Tank, 79-kg (175 lb.) Operator, and Standard Equipment	4794 kg (10,569 lb.)	5137 kg (11,326 lb.)
Typical with Canopy, MFWD, Single Battery, 2x4 Valve, 0.86-m <sup>3</sup> (1.125 cu. yd.) Loader Bucket, 454-kg (1,000 lb. Wheel Weights, Deluxe Electrical, and 2134-mm (84 in. Box Blade	) _	6444 kg (14,206 lb.)
Optional Components		
Cab (weight difference between canopy and cab)	363 kg (800 lb.)	363 kg (800 lb.)
Box Blade		
2134 mm (84 in.)	771 kg (1,700 lb.)	771 kg (1,700 lb.)
2235 mm (88 in.)	816 kg (1,800 lb.)	816 kg (1,800 lb.)
Wheel Weights	454 kg (1,000 lb.)	454 kg (1,000 lb.)
Hitch Weights	318 kg (700 lb.) / 681 kg (1,500	
Front Loader Coupler	286 kg (630 lb.)	286 kg (630 lb.)
Overall Dimensions	210L EP / 210L	
A Ground Clearance, Minimum	262 mm (10.3 in.)	
B Overall Length, Transport (without box blade)	5.31 m (17 ft. 5 in.)	
C Transport Height		
Сапору	2.62 m (8 ft. 7 in.)	
Cab	2.64 m (8 ft. 8 in.)	
<b>D</b> Length from Axle to Axle (MFWD axle)	2.16 m (7 ft. 1 in.)	
E Width Over Tires	2.13 m (7 ft. 0 in.)	
3-Point Hitch Dimensions and Performance		
Hitch Downforce (excluding attachment weight)	8 kN (1,790 lb.)	
Lift Capacity, Static at Lower Link	3917 kg (8,629 lb.)	
Lower Hitch Point Height		
Maximum	780 mm (30.7 in.)	
Minimum	213 mm (8.4 in.)	210L EP/210L with Canopy 210L EP/210L with Cal
	┏	
	K	
210L EP/210L Tractor Loader with (	Canopy	210L EP/210L Tractor Loader with Cab

210L EP/210L Tractor Loader with Canopy

210L EP/210L Tractor Loader with Cab

### 210L EP / 210L

Loader Dimensions and Performance	210L EP / 210L	
F Bucket Dump Angle, Maximum	45 deg.	
G Rollback Angle at Ground Level	40 deg.	
Bucket	Heavy-duty	Multipurpose
Capacity	0.86 m³ (1.12 cu. yd.)	0.96 m³ (1.25 cu. yd.)
Width	2184 mm (86 in.)	2184 mm (86 in.)
Weight	390 kg (860 lb.)	795 kg (1,750 lb.)
Breakout Force (with wheel weights and box blade)	42.3 kN (9,521 lb.)	36.7 kN (8,245 lb.)
Lift Capacity, Full Height (with wheel weights and box blade)	2876 kg (6,340 lb.)	2529 kg (5,575 lb.)
H Height to Bucket Hinge Pin, Maximum	3.36 m (11 ft. 0 in.)	3.36 m (11 ft. 0 in.)
I Dump Clearance, Bucket at 45 deg.	2.66 m (8 ft. 9 in.)	2.56 m (8 ft. 5 in.)
J Reach at Full Height, Bucket at 45 deg.	765 mm (30.1 in.)	803 mm (31.6 in.)
K Digging Depth Below Ground, Bucket Level	197 mm (7.8 in.)	238 mm (9.4 in.)
L Length from Front Axle Centerline to Bucket Cutting Edge	2.04 m (6 ft. 8 in.)	2.16 m (7 ft. 1 in.)
Lift Capacity with Quick-Coupler Forks		
Hydraulic Capacity	1219-mm (48 in.) Tines	1524-mm (60 in.) Tines
A <sup>I</sup> Maximum Height	1664 kg (3,668 lb.)	1548 kg (3,413 lb.)
B <sup>I</sup> Maximum Reach	2667 kg (5,880 lb.)	2508 kg (5,529 lb.)
C <sup>I</sup> At Ground Line	3374 kg (7,438 lb.)	3184 kg (7,019 lb.)
D <sup>I</sup> Below Ground Line	312 mm (12.3 in.)	312 mm (12.3 in.)
Rated Capacity of Tines	3900 kg (8,598 lb.)	3900 kg (8,598 lb.)
Rated Load per SAE J1197		



Power Takeoff (PTU) Specs and Performance	ZIUL EP	210L
Туре	N/A	Dedicated hydrostatic system (pump, motor, and cooling package) suitable for continuous, heavy-duty
		PTO operations
Hydromechanical 540-rpm PTO	N/A	41 kW (55 hp)

# Additional equipment

210L EP	210L	Engine
•	•	Vertical spin-on engine oil filter
•	•	Vertical spin-on fuel filter with water separator
•		Coolant recovery tank
		Coolant recovery tank with low-level indicator
•	•	Serpentine belt with automatic belt tensioner
•	•	Oil-to-water engine oil cooler
•	•	Antifreeze, –37 deg. C (–34 deg. F)
•	•	Dual-element dry-type air cleaner
•	•	Enclosed safety fan guard
•	•	Fold-out, hinged cooling system
	٠	Electronically controlled, variable-rate suction-type cooling fan
•		Viscous variable-rate cooling fan
•	٠	High ambient temperature engine cooling
•	٠	Muffler, under hood with curved-end exhaust stack
	•	Self-cleaning exhaust aftertreatment system
•	-	Glow plugs
	•	Grid heat
		Electric engine coolant heater, 1,000 watts
•	•	Electronic fuel lift pump
	-	Powertrain
•	٠	PowerShift <sup>™</sup> transmission: Torque converter
		with twist-grip Transmission Control Lever (TCL) and neutral safety switch interlock (1st through 4th gears)
•	•	Transmission oil cooler
٠	•	Vertical spin-on transmission filter
•	•	Differential lock, electric foot actuated
•	•	Power-assisted hydraulic service brakes (conform to ISO 3450): Inboard, wet multi-disc, self-adjusting and self-equalizing
•	•	Parking/emergency brake with electric switch control (conforms to ISO 3450): Spring applied, hydraulically released wet multi-disc / Independent of service brakes
٠	٠	Mechanical-front-wheel drive (MFWD), standard differential, sealed axle
		MFWD, limited slip, sealed axle
		Transmission guard
		MFWD driveshaft guard
		Category II 3-Point Hitch
•	•	Integral Category II
•	•	4th-function sectional hydraulic valve, 4th-function auxiliary with capped hoses
		5th-function hitch valve with control lever, dual-tilt cylinder
		Loader
•	٠	Hydraulic self-leveling
•	•	Return-to-dig feature
•	•	Bucket-level indicator
•	•	Loader boom service lock
<b></b>		Auxiliary loader hydraulics (3rd-function valve) with 2-lever control
		Auxiliary loader hydraulics with single control lever with electrohydraulic auxiliary control (MFWD and clutch disconnect)
		Tractor built with no loader arms for use in confined areas

### 210L EP 210L Loader (continued) Palm-on-top loader control; single-button clutch disconnect Palm-on-top loader control; 3-function fingertip control (clutch disconnect, MFWD, and proportional auxiliary roller) Ride control Hydraulic System 104-L/m (27.5 gpm) rated flow 96-L/m (25.3 gpm) rated flow Independent hydraulic reservoir Independent hydraulic oil cooler • "O"-ring face-seal connectors 6-micron vertical spin-on filter Electrical 12-volt system 130-amp alternator (210L EP canopy or cab; 210L canopy) 150-amp alternator (cab) Single battery with 190-min. reserve capacity and 925 CCA Dual batteries with 380-min. reserve capacity and 1,850 CCA Positive terminal battery cover Blade-type multi-fused circuits By-pass start safety cover on starter Battery disconnect Lights For cab and canopy: Front driving/working halogen (2) / Turn signal/flashing lights (2) / Rear stop and taillights (2) / Rear reflectors (2) Deluxe electrical package for canopy: Front work lights (2), rear work lights (2), 12-volt outlets (2), and battery-disconnect switch Premium LED lighting package for canopy: Front work lights (2), rear work lights (2), side work lights (2), 12-volt outlets (2), and battery-disconnect switch **Operator's Station** Canopy: 2-post, ROPS/FOPS (Level 1/ meets ISO 3471/SAE J1040), steel roof Cab: ROPS/FOPS (Level 1 / meets ISO 3471/ SAE J1040), air conditioning (7.6-kW [26,000 Btu/h] output and CFC-free R-134a refrigerant), headliner, dome light, tinted safety glass, deluxe interior trim, molded floor mats, left cab door, right emergency egress, front windshield wiper, front windshield washer. heater/defroster/ pressurizer (11.7-kW [40,000 Btu/h] heater), 12-volt outlets (2), rear working lights (2), and 50-deg. (10 left, 40 right) rotating mechanical-suspension cloth seat Electric monitor system with audible and/or visual warning: Service code / Air cleaner restriction / Low alternator voltage / Engine coolant temperature / Engine oil pressure / Hvdraulic filter restriction / Park brake on/ off / Seat belt / Transmission oil temperature / Hour meter / Engine rpm / System voltage / Job timer / Machine information

Key: ● Standard ▲ Optional or special

 Engine coolant temperature gauge and fuel gauge

See your Jo	ohn Deere (	dealer for	further	information.
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210L EP	210L	Operator's Station (continued)
•	•	Left front access
•	•	Slip-resistant steps and ergonomically located handholds
•	•	Built-in Operator's Manual storage compartment with manual
•	•	Interior rearview mirror
•	٠	Foot throttle
		Hand throttle
•	•	Horn
•	•	Key start switch with electric fuel shutoff
•	•	Suspension vinyl seat, 50-deg. (10 left, 40 right) rotating with flip-up armrests, backrest angle adjustment, swivel base, and 76-mm (3 in.) retractable seat belt
<b>A</b>		Non-suspension vinyl seat, 50-deg. (10 left, 40 right) rotating with flip-up armrests and 76-mm (3 in.) retractable seat belt
•	•	Suspension cloth fabric seat, 50-deg. (10 left, 40 right) rotating with flip-up armrests, backrest angle adjustment, swivel base, and 76-mm (3 in.) retractable seat belt (for use with optional cab)
•	•	Enhanced mechanical suspension seat, 70-deg. (20 left, 50 right) rotating with flip-up armrests and tilt steering
		Loader Buckets
•	•	Less bucket, with bucket pins
		Less bucket, less pins
•	<b></b>	General-purpose bucket with cutting edge and skid plates
<b>A</b>	<b>A</b>	Heavy-duty bucket
•	<b></b>	Multipurpose bucket with cutting edge and skid plates
		Loader coupler
		Box Blade
<b>A</b>	<b>A</b>	2.13-m (84 in.) heavy-duty with hydraulically actuated ripper bar and replaceable router bits
•	<b>A</b>	2.20-m (88 in.) heavy-duty with hydraulically actuated ripper bar and replaceable router bits
		Overall Vehicle
•	•	1-piece unitized construction mainframe
•	•	Vehicle tie-downs (2 front and 2 rear) Vandal protection for instrument panel, access doors, fuel task, and hydraulic recervoir.
		doors, fuel tank, and hydraulic reservoir Reverse warning alarm
•	•	Reverse warning alarm Rear-hitch counterweight (318 kg [700 lb.] <sup>†</sup> and 681 kg [1,500 lb.])
		Wheel weights
		Hydromechanical power takeoff (PTO), 41 kW (55 hp), 540 rpm
		3-point hitch weight box
		Drawbar, fixed single position
		Machine security
		Tilt steering
<b></b>		French language kit
		Spanish language kit
<b>A</b>	•	JDLink <sup>™</sup> wireless communication system (available in specific countries; see your dealer for details)
tC		1.070

<sup>†</sup>Compatible with PTO.



Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249. No derating is required up to IS00-m (5,000 ft.) altitude for the 210L EP. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE and/or ISO standards. Except where otherwise noted, these specifications are based on a unit with 16.9-24 R4 8-ply rear tires, 12-16.5 R4 12-ply front tires, 0.86-m<sup>3</sup> (1.12 cu. yd.) loader bucket, full fuel tank, and 79-kg (175 lb.) operator.