





THE FOUNDATION OF THE WORK YOU DO

You've been in the construction industry for a long time. So you know that your work is about more than just moving material. The success of your operation depends on your dozer and the productivity and retention of able operators. Input from customers like you has helped us design and manufacture dozers for almost 75 years, and our 450 P-Tier is built on the bedrock of some of your best ideas. This dynamo includes proven standard features plus innovative options like flexible grade-control solutions that can be easily and economically upgraded — all to enhance the operating experience and help you manage ownership costs.

Set things up

Because no two operators have the same work skill or technique, adjustable hydraulic and transmission settings can be customized to individual user preferences, for responsive control, smooth stability, and precise grading performance.

It's all about the operator

Next-generation cab is 14-percent larger than the previous model, to elevate operator comfort. Redesigned controls that minimize hand and arm movements, advanced touch-screen displays with configurable settings, and optional premium heated/ventilated seat and automatic temperature control (ATC) system help get operators up to speed and in the productive zone.

Visibility matters

A lower hood line and 14-percent more glass area expand visibility to the blade and jobsite ahead. Optional rearview camera boosts awareness of the activity behind the machine. LED light package brings things into focus in darker environments.

Put progress on display

Standard on electrohydraulic configurations, eight-inch touch-screen primary display reveals machine health and configurable settings plus rearview camera and Slope Control (if equipped). Additional 10-inch touch-screen display for navigating the gradecontrol interface is added when the machine is outfitted with dual-laser receivers.







GRADE-MANAGEMENT SOLUTIONS

Our suite of factory-integrated grade-management technologies including standard EZ Grade, optional Slope Control, SmartGrade™ Ready Including 2D Grade Control, SmartGrade with Topcon, and SmartGrade with Leica simplify difficult grading tasks. These intuitive offerings are easy for operators of any experience level to master. All technology solutions are fully supported by the John Deere dealer network and can be efficiently upgraded as your operation evolves:

- EZ Grade aids operators in manually grading smooth finish passes by making small blade corrections automatically.
- Slope Control assists in grading and maintaining flat, smooth, and sloping surfaces. Operators can view and set blade slope while the system automatically controls the blade to the desired slope percentage.
- Slope Control With Dual Laser enables operators to automatically control the blade to a specific slope and elevation using a rotating laser.
- Fully integrated SmartGrade features nextgeneration components and integration, enabling the highest levels of productivity and grading performance. SmartGrade is now available in your choice of Topcon or Leica packages.
- Electrohydraulic (EH) controls make it easy to add the grade-control system of your choice.

Time is money

The 450 P-Tier doesn't require diesel exhaust fluid (DEF), which removes a time-consuming step from routine maintenance, reduces the complexity of the aftertreatment system, and saves on overall operating costs.

Keep moving

With the largest engine in its class, the 450 P-Tier delivers reduced fuel consumption of up to 17 percent in backfilling operations compared to the previous model.

Take your turn

Counter-rotation boosts productivity by enabling operators to overcome heavy corner loads and quickly reposition the blade on the go.

Working on wear life

John Deere undercarriage options help balance component wear and extend maintenance intervals:

- Standard Heavy-Duty uses sealed and lubricated track chain with hardened steel pins and bushings to seal abrasives out.
- Extended Life uses SC-2™ coating designed to double bushing life compared to standard bushings and maximize the wear life of other undercarriage parts.
- Maximum Life provides the benefits of Extended Life along with additional wear material on the upper and lower rollers, chain links, idlers, and seals.

Fuel saver

Standard Eco mode automatically adjusts engine speed and powertrain settings based on load, to maximize fuel usage by up to 20 percent compared to standard operating mode, without loss of performance.

Get a full measure

Integrated welded-on spill sheet on the large 124-inch-wide blade increases capacity and helps reduce damage caused by material spillage behind the blade.













Connected machines

John Deere construction equipment comes with in-base connectivity — free from subscriptions or annual renewals.

Analyze critical machine data, track utilization, review diagnostic alerts, and more from **the John Deere Operations**Center™. The Operations Center also enables **John Deere**Connected Support™, which uses data from thousands of connected machines to proactively address issues before they arise. With your approval, your dealer can also remotely monitor machine health, diagnose problems, and even update machine software without a trip to the jobsite.*

*Availability varies by region and product. Options not available in every country.



450 P-TIER DOZER SPECIFICATIONS



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

Engine	450 P-TIER / 450 P-TIER LGP						
Manufacturer and Model	John Deere PowerTech™ EWX 4045		John Deere Pow	erTech™ PWX 40)45		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage V		EPA Tier 3/EU St				
Displacement	4.5L (276 cu. in.)		4.5L (276 cu. in.				
SAE Net Rated Power	53 kW (71 hp) at 2,000 rpm		58 kW (78 hp) a				
Net Peak Torque	299 Nm (221 ftlb.) at 1,500 rpm		334 Nm (247 ft		1		
Aspiration	Turbocharged		Turbocharged	15.7 dt 1,200 i pii			
Air Cleaner	Dual-stage dry tube with tangential unloader		Dual-stage dry t	ubo with tangor	atial unload	lor	
	buai-stage dry tube with tangential unloader		Dual-stage dry t	ube with tanger	itiai uiiioat	iei	
Cooling	Discourse discounting for						
Type	Blower-type, direct-drive cooling fan						
Engine Coolant Rating	–37 deg. C. (–34 deg. F)						
Engine Radiator	8.47 fins per in.						
Powertrain	4		·				
Transmission	Automatic, dual-path, hydrostatic (HST) drive; load changing load conditions; each individually contro variable-displacement motor combination; ground steering control; reverse speed ratio is fully operat from full speed to complete stop	olled track -speed sel	is powered by a v ection buttons an	ariable-displace d direction-cont	ment pisto rol switch	n pump i on single	and e-lever
System Relief Pressure	38 000 kPa (5,511 psi)						
Travel Speeds							
Forward and Reverse	8.0 km/h (5.0 mph)						
Maximum (optional)	9.7 km/h (6.0 mph)						
Steering	Single-lever steering, speed, direction control, and	d countar i	rotation: full now	or turns and infi	nitoly varia	blo tracl	k spood
Steering	provide unlimited maneuverability and optimum co						Speeu
Final Drives	Triple-reduction final drives mounted	160	i steering eminina	ites steering clu	.ciies aiiu L	nakes	
I iliai Di ives	independently of track frames and dozer						ļ
Taral Barta	push frames for isolation from shock loads					_	
Total Ratio	48.4 to 1		450	P-Tier Drawbar Pull v	s. Ground Spee	d	
Drawbar Pull	T27.1.1.1 (20. (20. H.)	120				_	
Maximum	131 kN (29,490 lb.)						Ī
At 1.9 km/h (1.2 mph)	69 kN (15,560 lb.)						
At 3.2 km/h (2.0 mph)	42 kN (9,340 lb.)	\ \					
Brakes	HST (dynamic) braking stops the machine						
Service	HST (dynamic) braking stops the machine						
	when the direction-control switch is moved			Drawbar Pull	Load — Both S	ides	
	to neutral or the decelerator is depressed						
	to the detent						
Parking	Engages wet, multiple-disc brakes when-	40					
	ever the engine stops, the decelerator is						
	depressed to the end of travel, or motion is						
	detected while the transmission control is						
	in neutral; machine cannot be driven with	N x					
	in neutral; machine cannot be driven with brake applied, minimizing wearout; spring		2 4	6			12
	applied, hydraulic release	0 1	2 3	GROUND SPEED	6	7	
Hydraulics	applied, flydradiic release						
Туре	Open-center hydraulic system with fixed-displacer	ment dear	numn				
Pump Displacement	29.79 cc	ciii geai	Pamp				
System Relief Pressure	29.79 CC 20 684 kPa (3,000 psi)						
Maximum Flow at Unloaded High Idle							
5	60.1 L/m (16 gpm)		anda film itter				
Control	3-function direct-acting T-bar grip with proportion	nai roller a	ingle runction				
Electrical	27 1						
Voltage	24 volts						
Capacity							
Battery	950 CCA						
Reserve	190 min.						
Alternator Rating							
Cab	100 amp						
Canopy	100 amp						
Lights	Cab mounted (4) standard / Cab-mounted LED (8)	optional					
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450 P-TIER DOZER SPECIFICATIONS

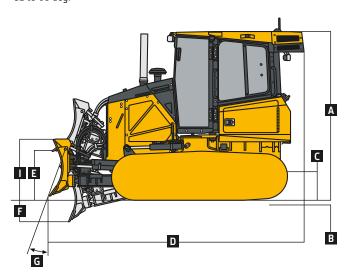


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Undercarriage	450 P-TIER	450 P-TIER LGP
Tracks		components; pins and bushings are sealed for life; rollers and
·· ····	idlers are permanently sealed and lubricated	The second secon
Track Gauge	1448 mm (57 in.)	1651 mm (65 in.)
Grouser Width	406 mm (16 in.)	610 mm (24 in.)
Chain	Sealed and lubricated	Sealed and lubricated
Shoes, Each Side	40 standard and Extended Life / 37 Maximum Life	40 standard and Extended Life / 37 Maximum Life
Track Rollers, Each Side	6	6
Track Length on Ground	2184 mm (86 in.)	2184 mm (86 in.)
Ground Contact Area	19 752 cm² (3,062 sq. in.)	29 677 cm² (4,600 sq. in.)
Ground Pressure	43.9 kPa (6.4 psi)	31.3 kPa (4.5 psi)
Track Pitch	160 mm (6.3 in.) standard / 171 mm (6.7 in.) Maximum Life	160 mm (6.3 in.) standard / 171 mm (6.7 in.) Maximum Life
Operator Station	450 P-TIER / 450 P-TIER LGP	
ROPS (ISO 3471 – 2008) and FOPS (ISO 344	49 – 2005)	
Serviceability	.5 2005,	
Refill Capacities		
	2021 (E2 (E1)	
Fuel Tank With Lockable Cap	202 L (53.45 gal.)	
Cooling System With Recovery Tank	16.9 L (4.5 gal.)	
Engine Oil With Filter	14.7 L (15.5 qt.)	
Hydraulic/HST Oil (common reservoir)	70.5 L (18.6 gal.)	
With Filters		
Final Drive (each)	8.5 L (2.3 gal.)	
Operating Weights	450 P-TIER	450 P-TIER LGP
Base Weight (with standard equipment,	8081 kg (17,816 lb.)	8634 kg (19,035 lb.)
rollover protective structure [ROPS], full	J. 7 7	3 (• /••• • /
fuel tank, and 79-kg [175 lb.] operator)		
Optional Components		
Cab With Pressurizer and Heater/	2011 (700 IF)	2011:- (700 IF)
	361 kg (796 lb.)	361 kg (796 lb.)
Air Conditioner	001 (000 !!)	0.0 1 (200.11.)
Front and Door Screens	88 kg (193 lb.)	88 kg (193 lb.)
Rear Screen	50 kg (110 lb.)	50 kg (110 lb.)
Side Screens	60 kg (132 lb.)	60 kg (132 lb.)
Limb Risers	227 kg (502 lb.)	227 kg (502 lb.)
Condenser Guard	53 kg (117 lb.)	53 kg (117 lb.)
ROPS Canopy		-
Heater	62 kg (136 lb.)	62 kg (136 lb.)
Front and Door Screens	74 kg (163 lb.)	74 kg (163 lb.)
Rear Screen	28 kg (61 lb.)	28 kg (61 lb.)
Side Screens	37 kg (82 lb.)	37 kg (82 lb.)
Limb Risers	227 kg (502 lb.)	227 kg (502 lb.)
Counterweight		
Front	109 kg (240 lb.)	109 kg (240 lb.)
Rear	150 kg (330 lb.)	150 kg (330 lb.)
Retrieval Hitch	23 kg (50 lb.)	23 kg (50 lb.)
Drawbar, Extended Rigid	33 kg (72 lb.)	33 kg (72 lb.)
Winch	652 kg (1,437 lb.)	652 kg (1,437 lb.)
Fairlead, 4 Roller	85 kg (187 lb.)	85 kg (187 lb.)
Center Chain Guides	26 kg (57 lb.)	26 kg (57 lb.)
Maximum Life Undercarriage	75 kg (165 lb.)	75 kg (165 lb.)
	75 kg (105 lb.)	75 kg (105 lb.)
Track Shoes		
406 mm (16 in.)		2201 / 722 !!)
Heavy Duty	In base	–328 kg (–723 lb.)
Extended Life	–75 kg (–165 lb.)	–403 kg (–888 lb.)
Maximum Life	86 kg (190 lb.)	–242 kg (–534 lb.)
610 mm (24 in.)		
Heavy Duty	_	In base
Extended Life	_	–103 kg (–227 lb.)
Maximum Life	_	81 kg (179 lb.)
710 mm (28 in.)		01 kg (17 5 lb.)
Extended Life	-	-
Maximum Life	_	_

450 P-TIER

	Machine Dimensions	450 P-TIER / 450 P-TIER LGP
ļ	Overall Height to Roof (includes antenna base and grouser height)	2899 mm (9 ft. 6 in.)
	Overall Height With Limb Risers (includes grouser height)	2928 mm (9 ft. 7 in.)
E	Tread Depth With Single-Bar Grouser	49 mm (1.9 in.)
(Ground Clearance in Dirt	345 mm (13.6 in.)
	Overall Length	4022 mm (13 ft. 2 in.)
	Overall Length With Standard Drawbar	4022 mm (13 ft. 2 in.)
	Overall Length With Extended Drawbar	4196 mm (13 ft. 9 in.)
	Overall Length With Winch and Fairlead Rollers	4746 mm (15 ft. 7 in.)
E	Blade Lift Height	781 mm (30.7 in.)
F	Blade Digging Depth	530 mm (20.8 in.)
G	Blade Cutting-Edge Angle, Adjustable	52 to 60 deg.



450 P-TIER / 450 P-TIER LGP

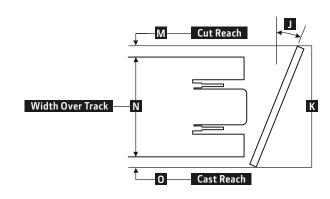
Straight Blade H Blade Width 2464 mm (97 in.) (8 ft. 1 in.) 2921 mm (115 in.) (9 ft. 7 in.) I Blade Height 955 mm (3 ft. 2 in.) 955 mm (3 ft. 2 in.) S AE Capacity 1.6 m³ (2.1 cu. yd.) 2.0 m³ (2.6 cu. yd.) Weight 494 kg (1,090 lb.) 633 kg (1,151 lb.) L C-Frame Assembly Weight (without blade) 399 kg (879 lb.) J Blade Angle 22.9 deg. K Overall Width With Blade Angled 2268 mm (7 ft. 5 in.) 2689 mm (8 ft. 10 in.) L Blade Tilt 331 mm (13.0 in.) 393 mm (15.5 in.) M Cut Reach 73 mm (2.9 in.) 66 mm (2.6 in.) M Width Over Track 1854 mm (6 ft. 1 in.) 2261 mm (7 ft. 5 in.) O Cast Reach 341 mm (13.4 in.) 362 mm (14.3 in.) Straight Blade (option) H Blade Width 2921 mm (115 in.) (9 ft. 7 in.) 3150 mm (124 in.) (10 ft. 4 in.) I Blade Height 955 mm (3 ft. 2 in.) 1067 mm (3 ft. 6 in.) SAE Capacity 2.0 m³ (2.6 cu. yd.) 2.3 m³ (3.1 cu. yd.)	N	Machine Dimensions (continued)	450 P-TIER	450 P-TIER LGP
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C-Frame Assembly Weight (without blade) 399 kg (879 lb.) J Blade Angle 22.9 deg. 22.9 deg. K Overall Width With Blade Angled 2268 mm (7 ft. 5 in.) 2689 mm (8 ft. 10 in.) L Blade Tilt 331 mm (13.0 in.) 393 mm (15.5 in.) M Cut Reach 73 mm (2.9 in.) 66 mm (2.6 in.) N Width Over Track 1854 mm (6 ft. 1 in.) 2261 mm (7 ft. 5 in.) O Cast Reach 341 mm (13.4 in.) 362 mm (14.3 in.) Straight Blade (option) H Blade Width 2921 mm (115 in.) (9 ft. 7 in.) 3150 mm (124 in.) (10 ft. 4 in.) I Blade Height 955 mm (3 ft. 2 in.) 1067 mm (3 ft. 6 in.) SAE Capacity 2.0 m³ (2.6 cu. yd.) 2.3 m³ (3.1 cu. yd.) Weight 628 kg (1,385 lb.) 649 kg (1,431 lb.) C-Frame Assembly Weight (without blade) 399 kg (879 lb.) J Blade Angle 22.9 deg. 22.9 deg.		SAE Capacity	1.6 m³ (2.1 cu. yd.)	2.0 m³ (2.6 cu. yd.)
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N Width Over Track 1854 mm (6 ft. 1 in.) 2261 mm (7 ft. 5 in.) O Cast Reach 341 mm (13.4 in.) 362 mm (14.3 in.) Straight Blade (option) H Blade Width 2921 mm (115 in.) (9 ft. 7 in.) 3150 mm (124 in.) (10 ft. 4 in.) I Blade Height 955 mm (3 ft. 2 in.) 1067 mm (3 ft. 6 in.) SAE Capacity 2.0 m³ (2.6 cu. yd.) 2.3 m³ (3.1 cu. yd.) Weight 628 kg (1,385 lb.) 649 kg (1,431 lb.) C-Frame Assembly Weight (without blade) 399 kg (879 lb.) J Blade Angle 22.9 deg.	L	Blade Tilt	331 mm (13.0 in.)	393 mm (15.5 in.)
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C-Frame Assembly Weight (without blade) 399 kg (879 lb.) 399 kg (879 lb.) J Blade Angle 22.9 deg. 22.9 deg.		. ,		,
J Blade Angle 22.9 deg. 22.9 deg.		Weight		3 .
		C-Frame Assembly Weight (without blade)		<u> </u>
	J	Blade Angle		22.9 deg.
K Overall Width With Blade Angled 2689 mm (8 ft. 10 in.) 2899 mm (9 ft. 6 in.)	K	Overall Width With Blade Angled	2689 mm (8 ft. 10 in.)	2899 mm (9 ft. 6 in.)
L Blade Tilt 393 mm (15.5 in.) 423 mm (16.7 in.)	L	Blade Tilt	393 mm (15.5 in.)	423 mm (16.7 in.)
M Cut Reach 269 mm (10.6 in.) 175 mm (6.9 in.)	M	Cut Reach		
N Width Over Track 1854 mm (6 ft. 1 in.) 2261 mm (7 ft. 5 in.)	N	Width Over Track		
O Cast Reach 566 mm (22.3 in.) 463 mm (18.2 in.)	0	Cast Reach	566 mm (22.3 in.)	463 mm (18.2 in.)

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

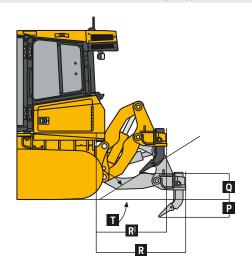
Machine Dimensions (continued)

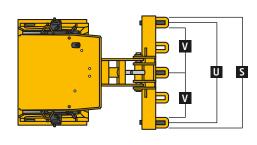
450 P-TIER / 450 P-TIER LGP





Rea	ar Ripper	450 P-TIER / 450 P-TIER LGP
Μu	ılti-shank parallelogram ripper with 5 po	kets and 3 shanks
We	eight	981 kg (2,163 lb.)
P 1	Maximum Penetration	508 mm (20 in.)
Q	Maximum Clearance Under Tip	508 mm (20 in.)
R (Overall Length, Lowered Position	1450 mm (57 in.) (4 ft. 9 in.)
R (Overall Length, Raised Position	1015 mm (40 in.) (3 ft. 4 in.)
S (Overall Beam Width	1830 mm (6 ft. 0 in.)
T :	Slope Angle (full raise)	40 deg.
U	Ripping Width	1670 mm (5 ft. 6 in.)
V	Distance Between Shanks	806 mm (32 in.)





Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

450 P Engine

- Turbocharged
- Electronic control with automatic engine protection
- Eco mode
- Dual safety element dry-type air cleaner, evacuator valve
- Exhaust filter, under hood, with vertical stack
- Engine glow-plug starting system
- Automatic turbo cool-down timer
- Programmable auto-idle and auto shutdown
- Wet-sleeve cylinder liners
- Remote-mounted fuel filters with automatic electronic priming
- ▲ Engine coolant heater, 110 volts
- ▲ Rotary ejector engine air pre-cleaner
- ▲ Severe-duty fuel filter and water separator with heating element
- 100-amp alternator, cab and canopy

Cooling

- Direct-drive cooling fan, blower type
- Engine cooling rated –37 deg. C (–34 deg. F)
- Enclosed safety fan guard (conforms to SAE J1308 and ISO3457)
- Perforated engine side shields
- Heavy-duty, trash-resistant radiator and high-ambient cooling package
- ▲ Heavy-duty perforated grille

450 P Powertrain

- Dual-path hydrostatic (HST) transmission
- Reverse-speed ratios (100%, 115%, and 130% presets)
- Remote diagnostic test ports
- Operator-selectable decelerator function (hydrostats and engine or hydrostats only)
- Wet, multi-disc parking brake
- Full power turns with infinitely variable track speed
- Single-lever steering with counterrotate function
- HST (dynamic) service brakes
- Automatic cold-weather transmission warmup system
- Automatic transmission derating for exceeded system temperatures
- 2,000-hour vertical spin-on transmission filter

Hydraulic System

- Open-center fixed-displacement hydraulic gear pump
- 3-spool manual control valve
- ▲ 3-spool electrohydraulic (EH) control valve
- ▲ 4-spool manual-control valve
- ▲ 4-spool EH control valve with single auxiliary
- 2,000-hour vertical spin-on hydraulic filter
- ▲ Drive-through hydraulic pump for use with winch
- ▲ Electrohydraulics with EZGrade

450 P Precision Construction Solutions

- ▲ 2D Grade Control
- ▲ SmartGrade™ Ready Including 2D Grade Control
- ▲ SmartGrade with Topcon
- ▲ SmartGrade with Leica

Overall Vehicle

- Front tow loop, bolt-on
- Reinforced engine and mid-frame bottom guards
- Integral transmission guard
- Vandal protection: Engine access door / Side tank access doors / Fuel tank / Instrument panel / Transmission reservoir / Hydraulic reservoir
- ▲ Fluid-sample valves
- ▲ Quick-service ports
- ▲ Forestry limb risers (sweeps)

Attachments

- ▲ Counterweight, front, 109 kg (240 lb.)
- Retrieval hitch with pin
- Extended rigid drawbar with pin for pull-type implements
- Drawbar, extended for winch (with or without fairlead)
- Rear ripper, parallelogram, 3 shank, 5 pocket
- ▲ Winch, John Deere 4000, power in/ free spool out OR power out
- ▲ Winch, John Deere 4000, low speed, power in/free spool out OR power out
- ▲ 4-roller fairlead for winch
- ▲ Root-rake blade attachment

Additional equipment (continued)

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

450 P	Undercarriage			Operator's Station /			Operator's Station /
	Front idler guards	Canopy	Cab	Electrical (continued)	Canopy	Cab	Electrical (continued)
	Rear chain guides			Rearview camera			Battery, dual, 24 volts
	Track adjuster relief valves	A		Cab step (bolt on)			External-mounted attach-
	Maximum Life undercarriage system			Beacon light (roof mounted)			ment mirror
	with SC-2™ bushings			Full screens			JDLink™ wireless communi-
	Extended Life undercarriage with SC-2			Side screens			cation system (available in
	bushings	A		Rear window screen			specific countries; see your
	Heavy-duty sealed and lubricated	A		Under-seat heater			dealer for details)
	undercarriage			Lockable master electrical			Trim Packages
A	Full-length rock guards			disconnect switch			Level 1: Black exhaust stack,
•	Double-flange rollers			Multifunction/multi-language			halogen lights (cab front [4]
STD	LGP 450 P-Tier Shoes			LCD monitor: Analog display			and cab rear [2]), AM/FM/
	▲ 406-mm (16 in.) moderate			(fuel level, coolant tempera-			Weather Band (WB) radio
	service			ture, and engine oil pressure) /			with USB and auxiliary port,
	• 610-mm (24 in.) moderate			Digital display (engine rpm,			standard seat (fabric with
	service			charge pressure, hours, diesel			heavy-duty air suspension), and manual HVAC tempera-
C	Operator's Station / Oy Cab Electrical			particulate filter (DPF)-soot			ture adjustment
Canop	oy Cab Electrical ■ Retractable seat belts,			level, and transmission direc-		A	Level 2: Chrome exhaust stack
	76 mm (3 in.) (conform to			tion/speed range) Multifunction/multi-language			LED lights (cab front [4], cab
•	SAE J386)			8-inch touch-screen LCD			rear [4]), AM/FM/WB radio
	Accessories: Convex wide-			monitor: Digital display (fuel			with Bluetooth®, remote-
	angle interior rearview			level, coolant temperature,			mounted USB, auxiliary port,
	mirror / Thigh cushions (2) /			engine oil pressure, engine			and microphone, premium
	Cup holders (2)			rpm, charge pressure, hours,			heated/ventilated seat (leather
	 Power port (cab includes 			DPF-soot level, transmission			bolstered with heavy-duty air
	power ports [2])			direction/speed range, clock			suspension), and automatic
	Dash-mounted storage			engine hours, and slope control			temperature controlled (ATC)
	compartment			(if equipped)			HVAC system
	 Air conditioner and heater, 	•	•	Built-in diagnostics:			Level 1: Black exhaust stack
	24,000 Btu			Diagnostic-code details /			and halogen lights (cab front
	Dome light			Sensor values / Calibrations /			[4] and cab rear [2])
	 Wipers, intermittent with 			Individual circuit tester	A		Level 2: Chrome exhaust stack
	washers: front window and			Keyless start with multiple			and LED lights (cab front [4],
	left and right doors			security modes			cab rear [4])
	Rear wiper and washer						



