

950 P

Dozer



JOHN DEERE



IN A CLASS ALL ITS OWN

When we reimagined one of our most popular production-class dozers, we thought about the rough and downright rugged jobsites it was built to handle. Then we talked to customers like you who work in those conditions every day. You need to move mountains of material, efficiently and cost effectively. And especially today, you need to attract and retain capable operators. Meet the 950 P-Tier, a leader of our dozer lineup that's powerful enough to rip through rock and handle hard applications, versatile enough to take on your toughest tasks including slot trenching, spreading aggregate fill, and stock-piling, yet refined enough to elevate the overall operator experience.

Get it down PAT

The 950 P-Tier is the largest dozer on the market to be equipped with a six-way power-angle-tilt (PAT) blade.* Impressive 184-inch PAT blade width helps you cover more ground in fewer passes while 8.6-cubic-yard PAT blade capacity lets you doze, grade, and move earth to the max.

*PAT blade available only with LGP track configuration.

Power where you need it

Field-proven, dual-path hydrostatic transmission delivers continuous power to the ground, for effortless operating control. Programmable settings for the hydraulic and transmission systems that adjust response rates and speed enable operators to fine-tune the 950 P-Tier to individual preference and experience level.

Work like you mean it

Fully enclosed cab including air conditioner/heater with directional vents keeps the glass clear and the interior comfortable. Updated primary display supports customized presets of hydraulic and transmission settings, allowing operators to conveniently tailor preferred machine response. Deluxe suspension high-back seat is angled at 15 degrees for a clear view of the rear ripper and adjusts seven ways when you want to move. Low-effort controls, ergonomically correct joystick, and integrated forward-neutral-reverse (F-N-R) switch deliver intuitive command of machine functions.

Control as you go

Hydraulic dual-tilt option for Outside Dozer allows the operator to adjust blade pitch on the go from the cab to optimize blade control throughout the push. Using programmable return-to-pitch settings, blade-pitch positions can be preset or activated at the touch of a button.



950 P-TIER DOZER

GRADE- MANAGEMENT SOLUTIONS

Our suite of factory-integrated grade-management technologies including optional SmartGrade™ 3D grade control available on the 950 P-Tier power-angle-tilt (PAT) configuration simplify grading tasks. These intuitive offerings are easy for operators of any experience level to master. All technology options are fully supported by the John Deere dealer network:

- Factory-equipped, purpose-built **SmartGrade** expands the versatility of the 950 P-Tier with PAT by enabling the dozer to capably take heavy cuts and precisely finish grade. Delivering advanced levels of productivity and grading performance, this mastless solution requires no daily calibration or installation/removal of antennas.
- Standard **electrohydraulic (EH) controls** make it easy to add the grade-control system of your choice.



GRADE-MANAGEMENT OPTIONS

**STREAMLINE
GRADING TASKS &
LEARNING CURVES**

Stay on track

Track on ground of 126.5 inches for standard configuration and 135.1 inches for LGP provides reliable stability in difficult terrain and helps optimize ripper productivity in any ground condition.

Maintenance matters

Mainframe side sheet and bottom belly pans simplify service. Large hinged doors bring dipsticks, fill tubes, maintenance-free batteries, and vertical filters within easy reach. Operator station tilts a full 70 degrees in only minutes, for wide-open access to drivetrain components.

Strong and secure

Hydraulic hoses have been rerouted and reinforced with SecuRing™ connections. High-pressure hydrostatic circuits have been eliminated to minimize messy and costly leaks.

The power of one

Both Extended Life and Heavy-Duty undercarriages with sealed and lubricated track (SALT) feature a no-nonsense oval-track design with only one wear-causing forward-travel flex point, for longer life. Heavy-Duty undercarriage uses hardened steel pins and bushings, while Extended-Life bushing has hardened SC-2™ coating that slows wear. Extended Life undercarriage can extend life up to 50 percent over standard undercarriage. One-piece welded mainframe resists torsional stress, absorbs shock loads, and delivers maximum strength while allowing handy service access to major components.

Ready to meet the need

Ask your dealer about rock racks, blade skins, and push plates designed to meet specialized applications that are now available as factory-installed options.



**EXTENDED LIFE & HEAVY-DUTY
SALT UNDERCARRIAGE DESIGN
EXTENDS WEAR LIFE**



950 P-TIER DOZER



Tackle the trash pile

Specialized waste-handling package features purpose-built guarding for fenders and final drives, debris-resistant sealing and engine-air precleaner, auto-reversing fan, perforated side shields, and a semi-U blade with integrated trash rack. Optional striker bars, cab screens, and open-center track shoes are also available.

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. Your dealer can also remotely monitor machine health, diagnose problems, and even update machine software without a trip to the jobsite.*

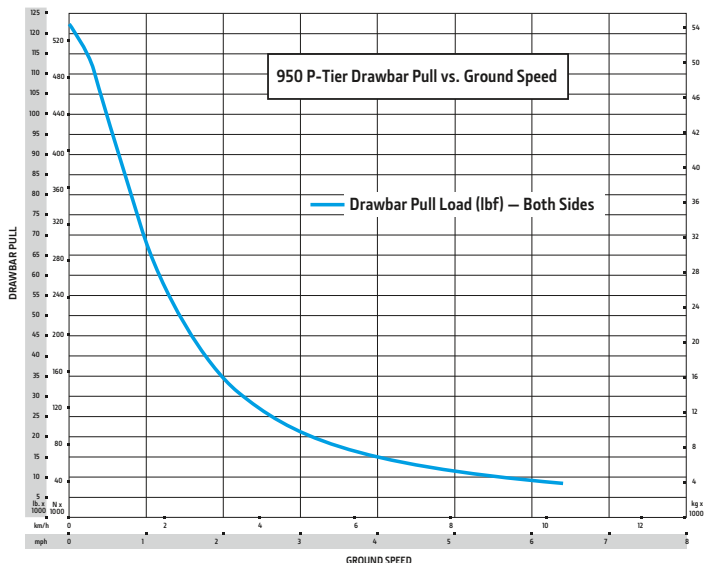
*Availability varies by region and product. Options not available in every country.





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 | 950 P-TIER STANDARD | | 950 P-TIER LGP | | | |
|----------------------------|---|---------------------------------|--|--------------------------------|--|--------------------------------|
| Blade Type | <i>Outside Dozer (OSD) Semi-U / OSD U / OSD Mechanical Angle (MAB)</i> | | <i>OSD Semi-U / OSD Straight / OSD MAB</i> | | <i>Power-Angle-Tilt (PAT)</i> | |
| Manufacturer and Model | John Deere PowerTech™ PSS 6090 | John Deere PowerTech™ Plus 6090 | John Deere PowerTech PSS 6090 | John Deere PowerTech Plus 6090 | John Deere PowerTech PSS 6090 | John Deere PowerTech Plus 6090 |
| Non-Road Emission Standard | EPA Final Tier 4 (FT4)/EU Stage IV | EPA Tier 2/ EU Stage II | EPA FT4/ EU Stage IV | EPA Tier 2/ EU Stage II | EPA FT4/ EU Stage IV | EPA Tier 2/ EU Stage II |
| 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.) | 9.0 L (549 cu. in.) | 9.0 L (549 cu. in.) |
| SAE Net Rated Power | 198 kW (265 hp) at 1,800 rpm | | 198 kW (265 hp) at 1,800 rpm | | 209 kW (280 hp) at 1,800 rpm | |
| Net Peak Torque | 1245 Nm (913 lb.-ft.) at 1,300 rpm | | 1245 Nm (913 lb.-ft.) at 1,300 rpm | | 1311 Nm (967 lb.-ft.) at 1,300 rpm | |
| Aspiration | Turbocharged and air-to air aftercooled | | Turbocharged and air-to-air aftercooled | | Turbocharged and air-to-air aftercooled | |
| Air Cleaner | Dual-element dry canister with external rotary ejector pre-cleaner | | Dual-element dry canister with external rotary ejector pre-cleaner | | Dual-element dry canister with external rotary ejector pre-cleaner | |
| Cooling | STANDARD / LGP | | | | | |
| Type | Variable-speed suction fan with automatic reversing | | | | | |
| Engine Coolant Rating | -37 deg. C. (-34 deg. F) | | | | | |
| Engine Radiator | 8.5 fins per in. | | | | | |
| Powertrain | STANDARD | | | LGP | | |
| Transmission | Automatic, dual-path, hydrostatic (HST) drive; load-sensing feature automatically adjusts speed and power to match changing load conditions; each individually controlled track is powered by a variable-displacement piston pump and motor combination; ground-speed selection buttons on single-lever steering and direction control; independently selectable reverse speed ratios of 100%, 115%, or 130% of forward ground speed; decelerator pedal controls ground speed to stop | | | | | |
| System Relief Pressure | 45 850 kPa (6,650 psi) | | | | | |
| Travel Speeds | | | | | | |
| Forward and Reverse | 11.0 km/h (6.8 mph) | | | | | |
| Maximum (optional) | 11.0 km/h (6.8 mph) | | | | | |
| Steering | Single-lever steering, speed, direction control, and counter-rotation; full power turns and infinitely variable track speeds provide unlimited maneuverability and optimum control; HST steering eliminates steering clutches and brakes | | | | | |
| Final Drives | Double-sealed, double-reduction planetary final drives mounted independent of track frame and dozer push frame for isolation from shock loads | | | | | |
| Total Ratio | 41.2 to 1 | | | | | |
| Blade Type | <i>OSD Semi-U / OSD U / OSD MAB</i> | | <i>OSD Semi-U / OSD Straight / OSD MAB</i> | | <i>PAT</i> | |
| Drawbar Pull | | | | | | |
| Maximum | 547 kN (123,000 lb.) | | 547 kN (123,000 lb.) | | 547 kN (123,000 lb.) | |
| At 1.9 km/h (1.2 mph) | 262 kN (59,000 lb.) | | 262 kN (59,000 lb.) | | 276 kN (62,000 lb.) | |
| At 3.2 km/h (2.0 mph) | 154 kN (35,000 lb.) | | 154 kN (35,000 lb.) | | 164 kN (37,000 lb.) | |
| Brakes | | | | | | |
| Service | HST (dynamic) braking stops machine when the direction/steering control lever is moved to neutral or the decelerator is depressed to the end of travel | | | | | |
| Parking | Exclusive safety feature engages wet, multiple-disc brakes whenever the engine stops, the decelerator is depressed to the end of travel, or the park-lock lever is placed in the start or neutral positions and motion is detected; machine cannot be driven with brake applied, reducing wear-out or need for adjustment; spring-applied hydraulic release | | | | | |



950 P-TIER DOZER SPECIFICATIONS

950

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| Hydraulics | | 950 P-TIER STANDARD / LGP | | | | | | |
|--|--|---|---|--|---|--|---------------------------|---------------------------|
| Type | Load-sense electrohydraulic (EH) system with variable-displacement piston pump | | | | | | | |
| Pump Displacement | 100 cc | | | | | | | |
| System Relief Pressure | 24 993 kPa (3,625 psi) | | | | | | | |
| Differential Pressure | 1896 kPa (275 psi) | | | | | | | |
| Maximum Flow at Unloaded High Idle | 200 L/m (53 gpm) | | | | | | | |
| Control | 2-function EH T-bar joystick | | | | | | | |
| Electrical | | | | | | | | |
| Voltage | 24 volts | | | | | | | |
| Capacity | | | | | | | | |
| Battery | 950 CCA | | | | | | | |
| Reserve | 190 min. | | | | | | | |
| Alternator Rating | 130 amp | | | | | | | |
| Lights | Cylinder mounted (2), rear-mounted cab (2), roof-mounted forward facing (2), engine compartment (1), and rear reflectors (2) | | | | | | | |
| Undercarriage | | STANDARD | | LGP | | | | |
| Tracks | Track frame includes undercarriage design with sealed track-adjuster cavity, front and rear track guides, and sprocket guard; John Deere Dura-Trax™ features deep-heat-treated, sealed, and lubricated track links and through-hardened, sealed, and lubricated rollers for maximum wear resistance; sprockets are segmented | | | | | | | |
| Blade Type | | OSD Semi-U / OSD U / OSD MAB | | OSD Semi-U / OSD Straight / OSD MAB | | PAT | | |
| | EPA FT4/ EU Stage IV | EPA Tier 2/ EU Stage II | EPA FT4/ EU Stage IV | EPA Tier 2/ EU Stage II | EPA FT4/ EU Stage IV | EPA Tier 2/ EU Stage II | | |
| Track Gauge, Standard | 2006.6 mm (79 in.) | 2006.6 mm (79 in.) | 2260 mm (89 in.) | 2260 mm (89 in.) | 2702 mm (106.4 in.) | 2702 mm (106.4 in.) | | |
| Grouser Width (shoe width) | 610 mm (24 in.) | 610 mm (24 in.) | 910 mm (36 in.) | 910 mm (36 in.) | 910 mm (36 in.) | 910 mm (36 in.) | | |
| Chain | Sealed and lubricated | | Sealed and lubricated | | Sealed and lubricated | | | |
| Shoes, Each Side | 43 | 43 | 45 | 45 | 45 | 45 | | |
| Track Rollers, Each Side | 7 | 7 | 8 | 8 | 8 | 8 | | |
| Track Length on Ground | 3214 mm (126.5 in.) | 3214 mm (126.5 in.) | 3431 mm (135.1 in.) | 3431 mm (135.1 in.) | 3431 mm (135.1 in.) | 3431 mm (135.1 in.) | | |
| Ground Contact Area | 39 211 cm ² (6,078 sq. in.) | 43 614 cm ² (6,760 sq. in.) | 62 719 cm ² (9,721 sq. in.) | 69 347 cm ² (10,749 sq. in.) | 62 719 cm ² (9,721 sq. in.) | 69 347 cm ² (10,749 sq. in.) | | |
| Ground Pressure | 74.0 kPa (10.8 psi) | 67.0 kPa (9.7 psi) | 49.0 kPa (7.1 psi) | 44.0 kPa (6.4 psi) | 52.0 kPa (7.6 psi) | 47.3 kPa (6.9 psi) | | |
| Track Pitch | 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.) | 215.9 mm (8.5 in.) | | |
| Operator Station | | STANDARD / LGP | | | | | | |
| ROPS (ISO 3471 – 2008) and FOPS (ISO 3449 – 2005) | | | | | | | | |
| Serviceability | | | | | | | | |
| Refill Capacities | | Refill Capacities (continued) | | | | | | |
| Fuel Tank With Lockable Cap | 505.5 L (133.5 gal.) | Engine Oil With Filter | | 25 L (6.6 gal.) | | | | |
| Diesel Exhaust Fluid (DEF) Tank (EPA FT4/EU Stage IV only) | 22.9 L (6.1 gal.) | Reservoir With Filter (oil volume of tank only) | | | | | | |
| Cooling System With Recovery Tank | 57 L (15 gal.) | Transmission | | 149 L (39.44 gal.) | | | | |
| | | Hydraulic | | 87 L (23 gal.) | | | | |
| Operating Weights | | STANDARD | | LGP | | | | |
| <i>Base Weight (includes standard equipment, blade, rollover protective structures [ROPS], full fuel tank, and 79-kg [175 lb.] operator)</i> | | | | | | | | |
| Blade Type | | OSD Semi-U | OSD U | OSD MAB | OSD Semi-U | OSD Straight | OSD MAB | PAT |
| With Track Shoes | | | | | | | | |
| 610 mm (24 in.) | | 29 606 kg (65,300 lb.) | 29 941 kg (66,000 lb.) | 29 985 kg (66,100 lb.) | — | — | — | — |
| 910 mm (36 in.) | | — | — | — | 31 431 kg (69,300 lb.) | 31 336 kg (69,100 lb.) | 31 900 kg (70,300 lb.) | 33 431 kg (73,700 lb.) |
| Optional Components | | | | | | | | |
| Front and Door Screens | 63 kg (139 lb.) | 63 kg (139 lb.) | 63 kg (139 lb.) | 63 kg (139 lb.) | 63 kg (139 lb.) | 63 kg (139 lb.) | 63 kg (139 lb.) | |
| Rear Screen | 36 kg (80 lb.) | 36 kg (80 lb.) | 36 kg (80 lb.) | 36 kg (80 lb.) | 36 kg (80 lb.) | 36 kg (80 lb.) | 36 kg (80 lb.) | |
| Side Screens | 37 kg (82 lb.) | 37 kg (82 lb.) | 37 kg (82 lb.) | 37 kg (82 lb.) | 37 kg (82 lb.) | 37 kg (82 lb.) | 37 kg (82 lb.) | |
| Limb Risers (EPA FT4/EU Stage IV only) | 601 kg (1,325 lb.) | 601 kg (1,325 lb.) | 601 kg (1,325 lb.) | 601 kg (1,325 lb.) | 601 kg (1,325 lb.) | 601 kg (1,325 lb.) | 601 kg (1,325 lb.) | |
| Platform Guards | 219 kg (482 lb.) | 219 kg (482 lb.) | 219 kg (482 lb.) | 219 kg (482 lb.) | 219 kg (482 lb.) | 219 kg (482 lb.) | 219 kg (482 lb.) | |
| Rear Counterweight | 1113 kg (2,454 lb.) | 1113 kg (2,454 lb.) | 1113 kg (2,454 lb.) | 1113 kg (2,454 lb.) | 1113 kg (2,454 lb.) | 1113 kg (2,454 lb.) | 1113 kg (2,454 lb.) | |
| Retrieval Hitch (standard drawbar on counterweight) | 68 kg (150 lb.) | 68 kg (150 lb.) | 68 kg (150 lb.) | 68 kg (150 lb.) | 68 kg (150 lb.) | 68 kg (150 lb.) | 68 kg (150 lb.) | |
| Winch (includes 3-roller fairlead) | 1361 kg (3,000 lb.) | 1361 kg (3,000 lb.) | 1361 kg (3,000 lb.) | 1361 kg (3,000 lb.) | 1361 kg (3,000 lb.) | 1361 kg (3,000 lb.) | 1361 kg (3,000 lb.) | |
| Mounting Plate | 795 kg (1,753 lb.) | 795 kg (1,753 lb.) | 795 kg (1,753 lb.) | 795 kg (1,753 lb.) | 795 kg (1,753 lb.) | 795 kg (1,753 lb.) | 795 kg (1,753 lb.) | |
| Blade Trash Rack and Wear Plates | 668 kg (1,472 lb.) | 686 kg (1,512 lb.) | — | 790 kg (1,742 lb.) | 781 kg (1,722 lb.) | — | — | |
| Blade Rock Rack and Wear Plate | 527 kg (1,162 lb.) | 579 kg (1,277 lb.) | — | — | — | — | — | |
| Blade Push Plate | 286 kg (631 lb.) | — | — | — | — | — | — | |
| Waste Handler (WH) Rear Storage With Retrieval Hitch and Rear Striker Bars | 1759 kg (3,878 lb.) | 1759 kg (3,878 lb.) | 1759 kg (3,878 lb.) | 1759 kg (3,878 lb.) | 1759 kg (3,878 lb.) | 1759 kg (3,878 lb.) | 1759 kg (3,878 lb.) | |
| Striker Bars, Front (WH) | 120.4 kg (265 lb.) | 120.4 kg (265 lb.) | — | 166 kg (365 lb.) | 166 kg (365 lb.) | — | — | |

950 P-TIER

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| Operating Weights <i>(continued)</i> | | 950 P-TIER STANDARD | | | 950 P-TIER LGP | | |
|--|----------------------------|---------------------|----------------------------|----------------------|----------------------|----------------------|------------------------|
| Blade Type | Outside Dozer (OSD) Semi-U | OSD U | OSD Mechanical Angle (MAB) | OSD Semi-U | OSD Straight | OSD MAB | Power-Angle-Tilt (PAT) |
| Optional Components <i>(continued)</i> | | | | | | | |
| Heating, Ventilating, and Air-Conditioning (HVAC)-Powered Precleaner | 20 kg (44 lb.) | 20 kg (44 lb.) | 20 kg (44 lb.) | 20 kg (44 lb.) | 20 kg (44 lb.) | 20 kg (44 lb.) | 20 kg (44 lb.) |
| Track Shoes | | | | | | | |
| 610 mm (24 in.) | | | | | | | |
| Extreme Duty | In base* | In base* | In base* | — | — | — | — |
| Trapezoidal | -125 kg (-276 lb.) | -125 kg (-276 lb.) | -125 kg (-276 lb.) | — | — | — | — |
| 660 mm (26 in.) | | | | | | | |
| Extreme Duty | 206 kg (454 lb.) | 206 kg (454 lb.) | 206 kg (454 lb.) | — | — | — | — |
| Trapezoidal | 79 kg (174 lb.) | 79 kg (174 lb.) | 79 kg (174 lb.) | — | — | — | — |
| 760 mm (30 in.) | | | | | | | |
| Moderate Duty | — | — | — | -520 kg (-1,147 lb.) | -520 kg (-1,147 lb.) | -520 kg (-1,147 lb.) | -520 kg (-1,147 lb.) |
| Trapezoidal | — | — | — | -624 kg (-1,376 lb.) | -624 kg (-1,376 lb.) | -624 kg (-1,376 lb.) | -624 kg (-1,376 lb.) |
| 910 mm (36 in.) | | | | | | | |
| Moderate Duty | — | — | — | In base* | In base* | In base* | In base* |
| Trapezoidal | — | — | — | -106 kg (-234 lb.) | -106 kg (-234 lb.) | -106 kg (-234 lb.) | -106 kg (-234 lb.) |

*Included in SAE operating weight.

| Machine Dimensions | | 950 P-TIER STANDARD | | 950 P-TIER LGP | | | |
|--|--|------------------------------------|--|---|--|---|---|
| A Overall Height to Roof | 3427 mm (11 ft. 3 in.) | 3427 mm (11 ft. 3 in.) | 3427 mm (11 ft. 3 in.) | 3427 mm (11 ft. 3 in.) | 3427 mm (11 ft. 3 in.) | 3427 mm (11 ft. 3 in.) | 3427 mm (11 ft. 3 in.) |
| Overall Height With Limb Risers (including grousers) | 3560 mm (11 ft. 8 in.) | 3560 mm (11 ft. 8 in.) | 3560 mm (11 ft. 8 in.) | 3560 mm (11 ft. 8 in.) | 3560 mm (11 ft. 8 in.) | 3560 mm (11 ft. 8 in.) | 3560 mm (11 ft. 8 in.) |
| B Tread Depth With Single-Bar Grouser (extreme duty or trapezoidal) | 71.4 mm (2.8 in.) | 71.4 mm (2.8 in.) | 71.4 mm (2.8 in.) | 71.4 mm (2.8 in.) | 71.4 mm (2.8 in.) | 71.4 mm (2.8 in.) | 71.4 mm (2.8 in.) |
| C Ground Clearance in Dirt (includes grouser height) | 312 mm (12.3 in.) | 312 mm (12.3 in.) | 312 mm (12.3 in.) | 312 mm (12.3 in.) | 312 mm (12.3 in.) | 312 mm (12.3 in.) | 312 mm (12.3 in.) |
| D Overall Length With Blade | 6387 mm (251 in. / 20 ft. 11 in.) | 6639 mm (261 in. / 21 ft. 9 in.) | 6351 mm (250 in. / 20 ft. 10 in.) | 6638 mm (261 in. / 21 ft. 9 in.) | 6458 mm (254 in. / 21 ft. 2 in.) | 6615 mm (260 in. / 21 ft. 8 in.) | 6505 mm (256 in. / 21 ft. 4 in.) |
| Dⁱ With Blade and Ripper | 8164 mm (321 in. / 26 ft. 9 in.) | 8416 mm (331 in. / 27 ft. 7 in.) | 8128 mm (320 in. / 26 ft. 8 in.) | 8415 mm (331 in. / 27 ft. 7 in.) | 8235 mm (324 in. / 27 ft. 0 in.) | 8392 mm (330 in. / 27 ft. 6 in.) | 8182 mm (322 in. / 26 ft. 10 in.) |
| With Blade and Waste Handler (WH) Rear Storage | 7117 mm (280 in. / 23 ft. 4 in.) | 7369 mm (290 in. / 24 ft. 2 in.) | 7081 mm (279 in. / 23 ft. 3 in.) | 7368 mm (290 in. / 24 ft. 2 in.) | 7188 mm (283 in. / 23 ft. 7 in.) | 7345 mm (289 in. / 24 ft. 1 in.) | — |
| Without Ripper and Blade | 5159 mm (203 in. / 16 ft. 11 in.) | 5159 mm (203 in. / 16 ft. 11 in.) | 5159 mm (203 in. / 16 ft. 11 in.) | 5159 mm (203 in. / 17 ft. 5 in.) | 5312 mm (209 in. / 17 ft. 5 in.) | 5312 mm (209 in. / 17 ft. 5 in.) | 4950 mm (195 in. / 16 ft. 3 in.) |
| With Ripper (no blade) | 6936 mm (273 in. / 22 ft. 9 in.) | 6936 mm (273 in. / 22 ft. 9 in.) | 6936 mm (273 in. / 22 ft. 9 in.) | 7089 mm (279 in. / 23 ft. 3 in.) | 7089 mm (279 in. / 23 ft. 3 in.) | 7089 mm (279 in. / 23 ft. 3 in.) | 6556 mm (258 in. / 21 ft. 6 in.) |
| With Winch and Fairlead Rollers | 7603 mm (299 in. / 24 ft. 11 in.) | 7855 mm (309 in. / 25 ft. 9 in.) | 7567 mm (298 in. / 24 ft. 10 in.) | 7854 mm (309 in. / 25 ft. 9 in.) | 7674 mm (302 in. / 25 ft. 2 in.) | 7831 mm (308 in. / 25 ft. 8 in.) | 7566 mm (298 in. / 24 ft. 10 in.) |
| E Blade Lift Height | 1033 mm (41 in. / 3 ft. 5 in.) | 1033 mm (41 in. / 3 ft. 5 in.) | 1129 mm (44 in. / 3 ft. 8 in.) | 1332 mm (52 in. / 4 ft. 4 in.) | 1332 mm (52 in. / 4 ft. 4 in.) | 1257 mm (49 in. / 4 ft. 1 in.) | 1133 mm (44.6 in. / 3 ft. 8.6 in.) |
| F Blade Digging Depth | 778 mm (31 in.) | 778 mm (31 in.) | 732 mm (29 in.) | 664 mm (26 in.) | 664 mm (26 in.) | 679 mm (27 in.) | 566 mm (22.3 in.) |
| G Blade Cutting-Edge Angle | | | | | | | |
| Standard | 50.3 to 57.5 deg. | 50.3 to 57.5 deg. | 58.5 deg. | 50.3 to 57.5 deg. | 53.0 to 60.0 deg. | 58.5 deg. | 53.4 to 60.0 deg. |
| Dual Tilt | 44.4 to 63.4 deg. | 44.4 to 63.4 deg. | — | 44.4 to 63.4 deg. | 47.0 to 60.0 deg. | — | — |
| H Blade Width (including cast end bits) | 3911 mm (154 in. / 12 ft. 10 in.) | 3886 mm (153 in. / 12 ft. 9 in.) | 4509 mm (178 in. / 14 ft. 10 in.) ⁶ | 4572 mm (180 in. / 15 ft. 0 in.) | 4509 mm (178 in. / 14 ft. 10 in.) ⁸ | 5184 mm (204 in. / 17 ft. 0 in.) ⁶ | 4674 mm (184 in. / 15 ft. 4 in.) ⁸ |
| I Blade Height | 1524 mm (60 in. / 5 ft. 0 in.) | 1580 mm (62 in. / 5 ft. 2 in.) | 1189 mm (47 in. / 3 ft. 11 in.) | 1524 mm (60 in. / 5 ft. 0 in.) | 1524 mm (60 in. / 5 ft. 0 in.) | 1227 mm (48 in. / 4 ft. 0 in.) | 1439 mm (57 in. / 4 ft. 9 in.) |
| With Trash Rack | 2092 mm (6 ft. 10 in.) | 2148 mm (7 ft. 1 in.) | — | 2092 mm (6 ft. 10 in.) | 2092 mm (6 ft. 10 in.) | — | — |
| SAE Capacity | 7.2 m ³ (9.4 cu. yd.) | 8.6 m ³ (11.2 cu. yd.) | 4.79 m ³ (6.3 cu. yd.) | 8.5 m ³ (11.1 cu. yd.) | 7.4 m ³ (9.7 cu. yd.) | 5.6 m ³ (7.3 cu. yd.) | 6.6 m ³ (8.6 cu. yd.) |
| With Optional Trash Rack | 14.1 m ³ (18.4 cu. yd.) | 16.2 m ³ (21.2 cu. yd.) | — | 17.0 m ³ (22.2 cu. yd.) | 15.5 m ³ (20.3 cu. yd.) | — | — |
| With Optional Rock Rack | 9.9 m ³ (12.9 cu. yd.) | 11.6 m ³ (15.1 cu. yd.) | — | — | — | — | — |
| Blade Weight | 2121 kg (4,676 lb.) | 2452 kg (5,406 lb.) | 2761 kg (6,087 lb.) ⁹ | 2396 kg (5,282 lb.) | 2301 kg (5,073 lb.) | 3074 kg (6,777 lb.) ⁹ | 2525 kg (5,567 lb.) |
| With Optional Trash Rack and Wear Plate | 2713 kg (5,981 lb.) | 3086 kg (6,804 lb.) | — | 3111 kg (6,859 lb.) | 2939 kg (6,479 lb.) | — | — |
| With Optional Rock Rack and Wear Plate | 2677 kg (5,917 lb.) | 3038 kg (6,714 lb.) | — | — | — | — | — |
| Assembly Weight (without blade) | | | | | | | |
| Push Beam | 2049 kg (4,517 lb.) | 2049 kg (4,517 lb.) | 1788 kg (3,942 lb.) | 2352 kg (5,185 lb.) | — | 2142 kg (4,722 lb.) | — |
| C-Frame/Push Beam | — | — | — | — | 2352 kg (5,185 lb.) | — | 2400 kg (5,291 lb.) |
| Blade Angle | — | — | 25 deg. | — | — | 25 deg. | 25 mm (1 in.) |
| Overall Width With Blade Angled | — | — | 4087 mm (161 in. / 13 ft. 5 in.) | — | — | 4712 mm (186 in. / 15 ft. 6 in.) | 4241 mm (167 in. / 13 ft. 11 in.) |
| J Blade Tilt | 800 mm (31 in.) | 800 mm (31 in.) | 783 mm (31 in.) | 909 mm (3 ft. 0 in.) | 909 mm (3 ft. 0 in.) ¹ | 790 mm (31 in.) | 640 mm (25 in.) ¹ |
| Cut Reach (to center of blade) | — | — | 486 mm (19 in.) | — | — | 522 mm (21 in.) | 1882 mm (6 ft. 2 in.) |
| Width Over Track | 2616 mm (103 in. / 8 ft. 7 in.) [*] | 2616 mm (103 in. / 8 ft. 7 in.) | 2616 mm (103 in. / 8 ft. 7 in.) | 3175 mm (125 in. / 10 ft. 5 in.) [*] | 3175 mm (125 in. / 10 ft. 5 in.) | 3175 mm (125 in. / 10 ft. 5 in.) | 3617 mm (142 in. / 11 ft. 10 in.) |
| Cast Reach (to center of blade) | — | — | 986 mm (39 in. / 3 ft. 3 in.) | — | — | 1015 mm (40 in. / 3 ft. 4 in.) | 2097 mm (83 in. / 6 ft. 11 in.) |
| Width Over Trunnions | 3231 mm (127 in. / 10 ft. 7 in.) | 3231 mm (127 in. / 10 ft. 7 in.) | 3231 mm (127 in. / 10 ft. 7 in.) | 3565 mm (140 in. / 11 ft. 8 in.) | 3565 mm (140 in. / 11 ft. 8 in.) | 3565 mm (140 in. / 11 ft. 8 in.) | — |

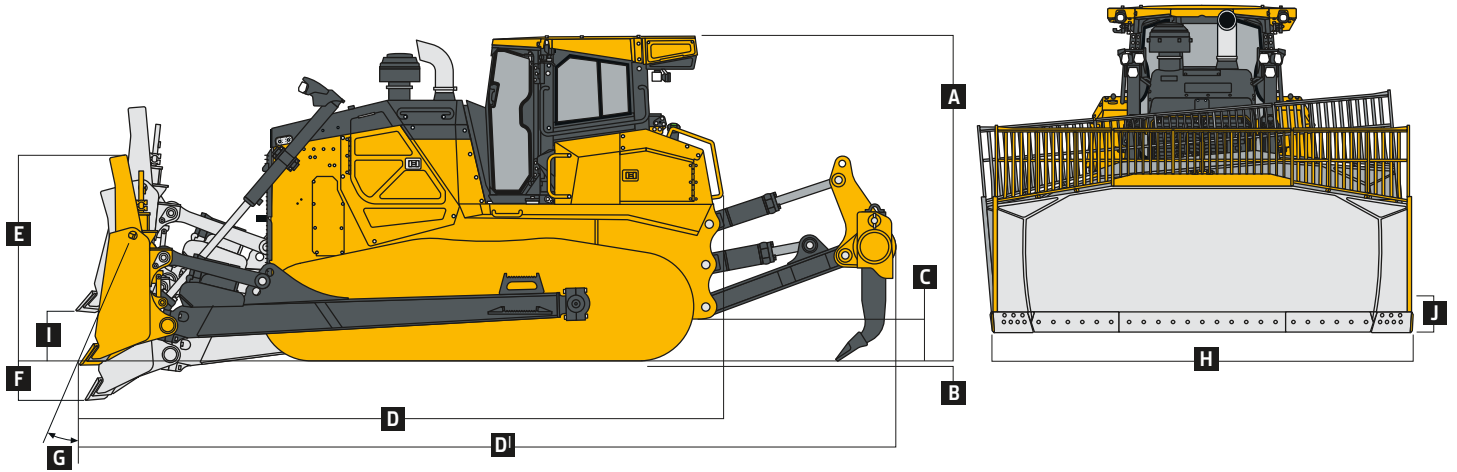
*No trunnions. / ¹Uses tilt jack. / ⁶Including straight end bits. / ⁸With cylinders and struts.

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.

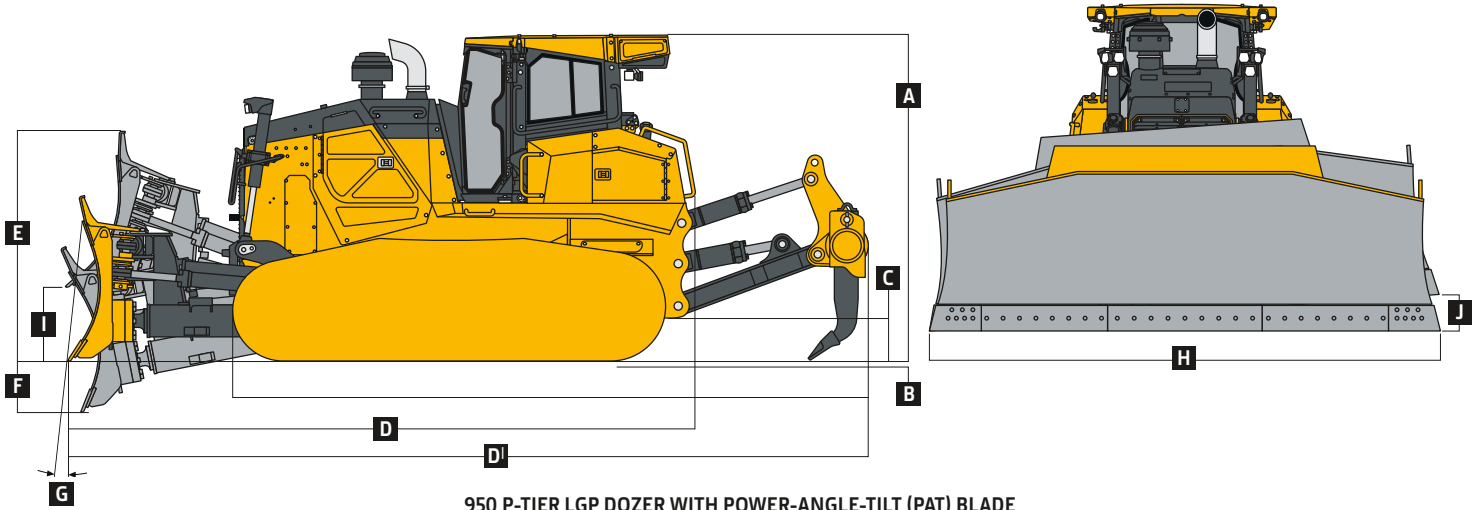
950 P-TIER

Machine Dimensions (continued)

950 P-TIER STANDARD / LGP



950 P-TIER STANDARD / LGP DOZER WITH OUTSIDE DOZER (OSD) BLADE



950 P-TIER LGP DOZER WITH POWER-ANGLE-TILT (PAT) BLADE

Rear Ripper

950 P-TIER STANDARD / LGP

Multi-shank (3) parallelogram ripper with hydraulic pitch adjustment

Weight 2669 kg (5,884 lb.)

K Maximum Penetration 650 mm (26 in.)

L Maximum Clearance Under Tip 752 mm (30 in.)

M Added Length, Lowered (transport) Position 2201 mm (87 in. / 7 ft. 3 in.)

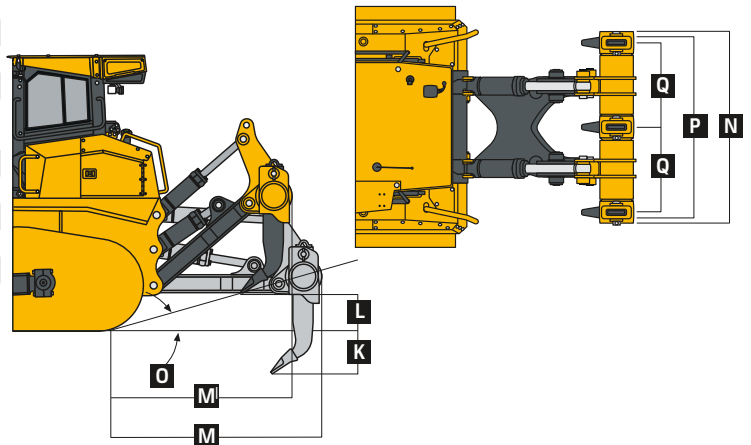
M' Added Length, Raised Position 1883 mm (74 in. / 6 ft. 2 in.)

N Overall Beam Width 2162 mm (85 in. / 7 ft. 1 in.)

O Slope Angle (full raise) 32.4 deg.

P Ripping Width 2052 mm (81 in. / 6 ft. 9 in.)

Q Distance Between Shanks 940 mm (37 in. / 3 ft. 1 in.)



Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

950 P Engine

- Meets EPA Final Tier 4/EU Stage IV emissions
- ▲ Meets EPA Tier 2/EU Stage II emissions
- John Deere PowerTech™ PSS 6090 9.0L engine
- ▲ John Deere PowerTech™ Plus 6090
- Wet-sleeve cylinder liners
- Eco mode
- Exhaust stack, black
- ▲ Exhaust stack, chrome
- Electronic control with automatic engine protection
- Turbocharged and air-to-air after-cooled
- Dual-element dry canister with external rotary ejector precleaner
- Programmable auto engine shutdown
- Automatic turbo cool-down timer
- ▲ Severe-duty fuel lines and fittings
- ▲ Engine coolant heater, 120 volt
- 130-amp alternator

Cooling

- Engine coolant rated -37 deg. C (-34 deg. F)
- Automatic, programmable reversing fan
- Engine radiator, 8.5 fins per in.

950 P Powertrain

- Dual-path hydrostatic (HST) transmission
- Selectable reverse-speed ratios
- Operator-selectable decelerator function (hydrostats and engine or hydrostats only)
- Single-lever steering with counter-rotate function
- Full power turns with infinitely variable track speed
- HST (dynamic) service brakes
- Wet, multi-disc parking brake

Hydraulics

- Load-sense electrohydraulic (EH) system with variable-displacement piston pump
- ▲ 2-spool EH control valve for outside dozer (OSD)
- ▲ 3-spool EH control valve for OSD with single auxiliary
- ▲ 4-spool EH control valve for OSD with dual auxiliary
- Grade-control-ready EH hydraulics
- ▲ SmartGrade™ 3D grade-control system available with power-angle-tilt (PAT) configuration
- Hydrau™ All-Season Hydraulic Oil, -25 deg. C to 50 deg. C (-13 deg. F to 122 deg. F)

950 P Hydraulics (continued)

- ▲ Hydrau™ XR Hydraulic Oil, -40 deg. C to 40 deg. C (-40 deg. F to 104 deg. F)
- ▲ Dual tilt for OSD
- ▲ Hydraulic-winch-ready kit

| 950 P STD | 950 P LGP | Undercarriage |
|-----------|-----------|---------------|
|-----------|-----------|---------------|

- | | | |
|---|---|--|
| ● | ● | Heavy-duty undercarriage design |
| ● | ● | Sealed track adjuster cavity |
| ● | | Standard track OSD frame, 2180-mm (86 in.) track gauge |
| ● | | Extreme-duty shoes, 610 mm (24 in.) |
| ▲ | | Extreme-duty shoes, 660 mm (26 in.) |
| ▲ | | Extreme-duty shoes, trapezoidal, 610 mm (24 in.) |
| ▲ | | Extreme-duty shoes, trapezoidal, 660 mm (26 in.) |
| | ▲ | Moderate-duty shoes, 760 mm (30 in.) |
| | ▲ | Moderate-duty shoes, trapezoidal, 760 mm (30 in.) |
| | ● | Moderate-duty shoes, 910 mm (36 in.) |
| | ▲ | Moderate-duty shoes, trapezoidal, 910 mm (36 in.) |
| ▲ | ▲ | Full-length rock guards |

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Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO9249. No derating is required up to 3050-m (10,000 ft.) altitude. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a unit with standard equipment, modular ROPS/cab, full fuel tank, and 79-kg (175 lb.) operator.

Additional equipment *(continued)*

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

950 P Operator's Station

- Enclosed cab with air conditioner/heater
- Retractable seat belt, 76 mm (3 in.) (conforms to SAE J386)
- Air-suspension cloth seat
- ▲ Air-suspension heated deluxe seat
- AM/FM radio
- ▲ HVAC-powered precleaner
- Tilting cab
- 178-mm (7 in.) color, multi-language Primary Display Unit (PDU)
- Backup alarm
- 12-volt accessory plug
- Keyless start

950 P Overall Vehicle

- Environmental drain package
- Fluid-sample valves
- JDLink™ wireless machine communication system (available in specific countries; see your local dealer for details)
- ▲ Quick service ports (HST, hydraulic, and engine oil, and coolant)
- ▲ Fast-fuel system
- Halogen lights (6 total): cylinder mounted (2); rear cab mounted (2); and roof mounted, front facing (2)
- Reflectors, rear facing (2)
- ▲ LED work lights (6)
- ▲ Deluxe LED work lights (10)
- ▲ Beacon light
- Grade-control-ready EH hydraulics
- ▲ SmartGrade with 915-MHz radio (for PAT configuration only)
- ▲ SmartGrade with UHF radio (for PAT configuration only)

950 P Attachments

- ▲ U Blade, 3886 mm (153 in.)
- ▲ Semi-U Blade, 3911 mm (154 in.)
- ▲ Mechanical-Angle Blade, 4509 mm (178 in.)
- ▲ U Blade, 3886 mm (153 in.), with rock rack and wear plate
- ▲ Semi-U Blade, 3911 mm (154 in.), with rock rack and wear plate
- ▲ Semi-U Blade, 3911 mm (154 in.), with push plate
- ▲ Power-Angle-Tilt Blade, 4674 mm (184 in.)
- ▲ LGP Semi-U Blade, 4572 mm (180 in.)
- ▲ LGP Straight Blade, 4509 mm (178 in.)
- ▲ LGP Mechanical-Angle Blade, 5184 mm (204 in.)
- Standard end bits and cutting edges
- ▲ Heavy-duty end bits
- ▲ Heavy-duty cutting edges
- ▲ Cast end bits
- ▲ Ripper, multi-shank
- ▲ Rear counterweight, 1113 kg (2,454 lb.)
- ▲ Retrieval hitch

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MD950PAU (24-02)



JOHN DEERE