

J

DOZERS





### Push productivity

Often imitated but never duplicated, John Deere dozers continue to set the standard for operator control and productivity. Backed by 30 years of hydrostatic experience, their unique state-of-the-art Total Machine Control (TMC) enables an operator to customize machine operation and response to

personal preferences. Coupled with an uncommonly smooth full-featured hydrostatic transmission, the J-Series deliver unsurpassed productivity, uptime, and daily operating costs. That's for starters. Read on and learn more about all of the J-Series Dozers' many productivity- and uptime-boosting advantages.



### to the next level.

Operator-favorite speed-ingrip steering and transmission control lever and rotary throttle are standard equipment. Decelerator lets you choose between slowing travel speed and engine rpm, or travel speed only. For unparalleled low-effort toe-tip control.

Deere's unique TMC lets an operator customize the crawler's operating characteristics and response, and even records machine usage. Extended service intervals, larger fuel tanks, remote test ports, and diagnostic messaging help maximize uptime and productivity.

Screw-type blade pitch link can be adjusted quickly and easily for top production in varying materials and applications.



Counterrotation is a productivity-boosting feature that enables the operator to overcome heavy corner loads and to quickly reposition the blade on the go. Provides space-saving spot turns, too.



With optional Integrated Grade Control (IGC), your 650J Dozer arrives from the factory "plug and play" ready. Its open architecture design lets you employ the electronic grade-control system that's right for you.



These dozers steer the same and maintain their preset speed whether they're on level ground or a 2-to-1 slope. For total control regardless of the terrain.

# Uncommon control, uncompromising results.

Others may offer hydrostatic drivetrains in their dozers. But no other dozer even comes close to delivering the proven performance and exceptionally smooth control you get with the 450J, 550J, or 650J. Power turns, counterrotation, infinitely variable travel speeds — the J-Series'

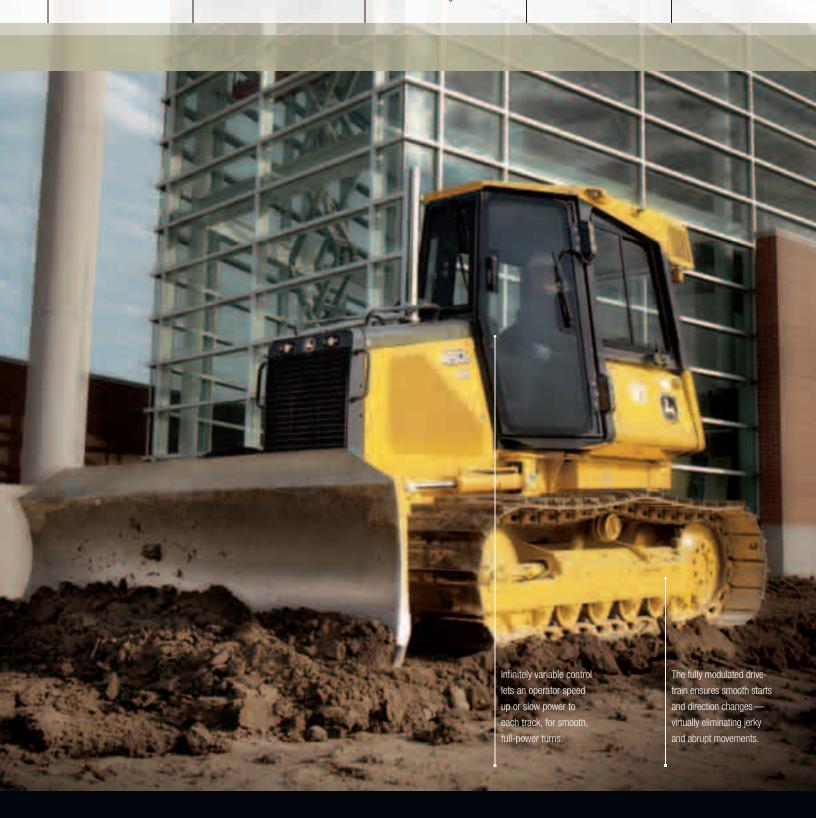
enhanced state-of-the-art controls put you in complete command of a whole arsenal of highly productive hydrostatic advantages. No wonder John Deere finish dozers have become owner and operator favorites. And why they continue to deliver industry-leading resale value.

State-of-the-art controls command the full-featured hydrostatic drivetrain and six-way blade, ensuring predictable response at all times, in all conditions. Power management takes the guesswork out of efficient operation. Simply set maximum desired ground speed and the system maintains peak engine and power efficiency without stalling or shifting.

Infinitely variable travel speeds from standstill to five mph let an operator choose the right speed for the job. Travel-speed range can also be modified for specific applications or terrain conditions, and even limited to maximize undercarriage life.

Blade ratio and center of gravity are optimized, giving these dozers the balance needed for superior grade work.

TMC allows maximum flexibility and control, letting you customize machine operation to personal preferences.





Generous hydraulic flow and precise metering deliver a natural "feel" to the T-bar control that will enhance any operator's grading skills. Blade response is powerful and quick.

Retractable seat belt, slip-resistant floor mat, convenient grab bars, neutral-start lever, and automatic park brake help keep the operator out of harm's way. Deluxe-suspension armchair adjusts seven ways for daylong comfort and support. Adjustable armrests and footrests are standard. Single lever provides low-effort control of steering, forward/ reverse travel, and ground speed. It's also detented so it doesn't require an operator's constant touch or attention and employs a thumb-actuated travel-speed switch.

Convenient 12-volt port provides power for cell phones and other accessories.



Exclusive TMC lets you customize decelerator mode and response, forward/reverse ground-speed ranges, steering modulation, FNR shift rate, and forward/reverse speed ratios, for unsurpassed control.

Want your operators to be more productive? Put them in the seat of this spacious air-conditioned cab. From their ergonomically designed fully customizable controls to best-in-class visibility, J-Series Dozers are loaded with everything you need to keep your operators calm, cool, productive—and on the payroll.



Choose the decelerator function that's right for the job. Slow both ground speed and engine rpm, or ground speed only to help maintain traction without affecting engine power and hydraulic response. Fully depressing the pedal applies the brakes.



Cab-forward design positions the operator for a more stable ride and a commanding view behind, below, and beyond the blade. Monitor keeps a vigilant watch on vital functions and issues visual or audible warnings.



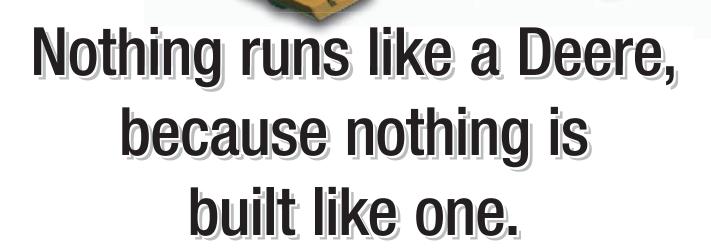
Automotive-type directional vents deliver warm or cool air with quiet efficiency. Air conditioning is standard in all cabs. For non-cab crawlers, an optional under-seat heater warms the operator.



High-intensity halogen driving lights are standard. Or opt for the factory-installed 360-degree light package that delivers superior illumination.

Engine, hydrostatic pumps, and hydraulic pump are bolted to a subframe, forming an easy-to-remove powertrain package. It's attached to the mainframe on rubber mounts to isolate vibration and reduce noise. One-piece robot-welded mainframe resists torsional stress, absorbs shock loads, and delivers maximum strength while providing easy service access to major drivetrain components. Wet sleeve liners provide uniform engine cooling and longer durability than castin-block designs.

Heavy-duty high-pressure hoses connect the pumps and motors that form the drivetrain. O-ring faceseal couplings virtually eliminate leaks.



Designed and built with state-of-the-art tools and techniques by a quality-conscious workforce at our world-class facility in Dubuque, Iowa, Deere dozers deliver unsurpassed reliability and uptime.

But don't just take our word for it. Perhaps the best way to know what you can expect out of one is to see what goes into it. When you learn how they're built, you'll run a Deere.

Heavy-duty triple-reduction final drives are attached to the mainframe, isolating them from track-imposed shock loads. Seal guards are built in, not extra cost.

Sealed transmission electrical connectors with gold-plated pins prevent moisture and contaminants from entering terminals for increased reliability. Heavy-duty undercarriage is sealed, lubricated, and built to last. Available extended life undercarriage delivers twice the bushing life, even in extremely abrasive conditions. If you're looking to further reduce maintenance and operating costs, the  $SC-2^{\infty}$  option is for you.

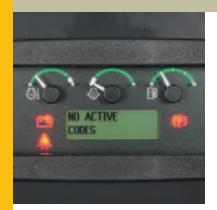
Standard features such as bypass start protection, automatic park brake, convenient handholds, and slip-resistant steps help keep the operator out of harm's way.

Closed-cell blade design and robot-welded, fabricated, box-section C-frame is strong and durable. Heavy-duty ball-and-socket joint resists material build-up for longterm grading precision.



### The bucks stop here.

Hinged side shields open wide and provide ground-level access to batteries; master electrical switch; cold-weather-start aid; and vertical transmission, hydraulic, and fuel filters.



Unlike other crawlers that require a laptop computer, an advanced diagnostic monitor gives easy-to-understand messages.



Serpentine belt never needs adjusting. 500-hour service interval lets you go longer between engine oil changes.



Conveniently located easyto-read sight gauge lets you check hydraulic-fluid levels at a glance.



Remote drive system test ports help speed troubleshooting for increased uptime and productivity.

If there's a way to reduce your daily operating costs and simplify maintenance, we've incorporated it into the J-Series Dozers. Service intervals have been extended, and same-side service points help make quick work of the daily routine. Lockable doors swing open wide, providing quick

and ample access to dipsticks, vertical spinon filters, sight gauges, and maintenance-free batteries. These and other timesaving features such as an easy-to-clean undercarriage, quickto-replace hydraulic hoses, and designed-in diagnostics minimize downtime and expense.



## Specifications

450J LT **450J LGP** Engine Manufacturer and Model . . . . . . . . . . John Deere 4045T John Deere 4045T Non-Road Emission Standards . . . . . . . . . . certified to EPA Tier 2 emissions certified to EPA Tier 2 emissions 276 cu. in. (4.5 L) Net Peak Power (ISO9249) . . . . . . . . . . . . . . . . . 70 hp (52 kW) @ 2,200 rpm 74 hp (55 kW) @ 2,200 rpm 251 lb.-ft. (341 Nm) @ 1,200 rpm Aspiration . . . . . . . . . . . altitude-compensating turbocharger altitude-compensating turbocharger Lubrication . . . . . . . . . pressure system with full-flow spin-on filter and oilpressure system with full-flow spin-on filter and oilto-water cooler to-water cooler dual safety element dry type, evacuator valve 45 deg.

Cooling 450J LT / 450J LGP

**Powertrain** 

Travel Speeds (forward and reverse) . . . . . . . 5.0 mph (8.0 km/h)

Steering . . . . . . . . . . . . single-lever steering, direction control, and counterrotation; full power turns and infinitely variable track speeds provide

decelerator is depressed to the detent

in neutral for three seconds with detected motion, or when the park lock lever is in park position; machine cannot be driven

with brake applied

**Hydraulics** 

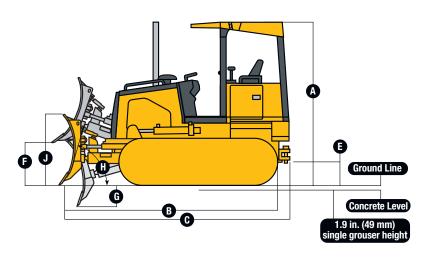
Open-center hydraulic system with gear pump

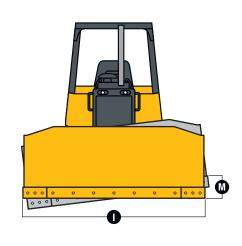
System Relief Pressure . . . . . . . . . . . . . . . 3,000 psi (20 684 kPa)

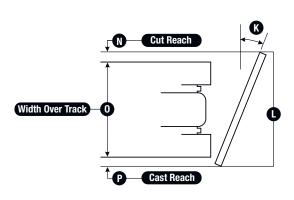
**Electrical** 

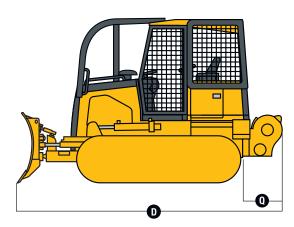
Voltage12 voltBattery Capacity950 CCAReserve Capacity190 min.Alternator Rating65 amp

Undercarriage	450J LT	450J LGP
Tracks	John Deere Dura-Trax™, deep-heat-treated, pins and bushings sealed for life; rollers and idlers permanently sealed and lubricated	John Deere Dura-Trax, deep-heat-treated, pins and bushings sealed for life; rollers and idlers permanently sealed and lubricated
Track Gauge (standard)		5 ft. 5 in. (1651 mm)
Grouser Width (closed center, single bar)		24 in. (610 mm)
Chain		sealed and lubricated
Shoes (each side)		40
Track Rollers (single flange, each side)		6
Track Length on Ground		7 ft. 2 in. (2184 mm)
Ground Contact Area	2,752 sq. in. (17 755 cm <sup>2</sup> )	4,128 sq. in. (26 632 cm²)
Ground Pressure	5.9 psi (40.7 kPa)	4.3 psi (29.3 kPa)
Ground Clearance with Single-Bar Grouser		
(excluding grouser height)		13.6 in. (345 mm)
Track Pitch	6.29 in. (160 mm)	6.29 in. (160 mm)
Serviceability	450J LT / 450J LGP	
Refill Capacities*		
Fuel Tank		
Cooling System with Recovery Tank	17 qt. (16 L)	
Engine Oil with Filter		
Transmission Reservoir with Filter	11.3 gal. (43 L)	
Final Drive (each)		
Hydraulic Reservoir and Filter		
*Please follow drain and refill procedures and	volumes listed in the operator's manual.	
Operating Weights	450J LT	450J LGP
With Standard Equipment, ROPS, Full Fuel Tank, and 175-lb. (79 kg) Operator 97-in. (2464 mm) Blade and 16-in. (406 mm) Track Shoes		
(610 mm) Track Shoes		17,525 lb. (7949 kg)
Optional Components	057 11 (447 1 )	000    (404   )
Rock Guards (4)		288 lb. (131 kg)
Cab	6/5 lb. (306 kg)	675 lb. (306 kg)
Counterweight	000 lb (450 lcs)	220 lb (150 lcs)
Rear (each)		330 lb. (150 kg)
Front (each)	·	240 lb. (109 kg) 50 lb. (23 kg)
Extended Drawbar	, ,	72 lb. (33 kg)
Limb Risers		229 lb. (104 kg)
Screens	220 lb. (10 1 hg)	220 ib. (10 1 hg)
Rear	76 lb. (34 ka)	76 lb. (34 kg)
Side	( 0,	94 lb. (43 kg)
Front and Doors		179 lb. (81 kg)
Winch		
4000S	1,437 lb. (652 kg)	1,437 lb. (652 kg)
Fairlead, Four Roller		187 lb. (85 kg)
Ripper, Parallelogram	850 lb. (386 kg)	850 lb. (386 kg)
97-in. (2464 mm) Blade, All-Hydraulic		
Heavy-Duty C Frame	96 lb. (44 kg)	
115-in. (2921 mm) Blade, All-Hydraulic		
Heavy-Duty C Frame (adjust to base		F.II. (0.1.)
		5 lb. (2 kg)
All-Hydraulic Heavy-Duty C Frame (less blade,		1.062 lb / 402 kg/
adjust to base weight)	– 1,003 ID. (– 482 KY)	– 1,063 lb. (– 482 kg)









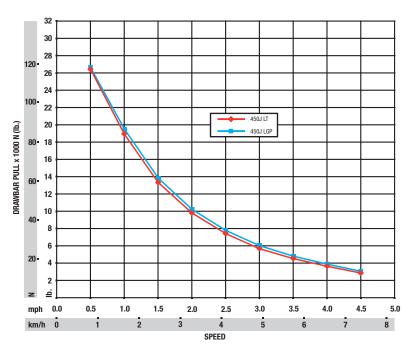
Machine Dimensions	450J LT	450J LGP
A Overall Height (ROPS or cab)	9 ft. 0 in. (2.74 m)	9 ft. 0 in. (2.74 m)
Height of Grousers	1.9 in. (48.3 mm)	1.9 in. (48 mm)
<b>B</b> Overall Length	12 ft. 11 in. (3.94 m)	13 ft. 2 in. (4013 mm)
C Overall Length with Extended Drawbar	13 ft. 6 in. (4.11 m)	13 ft. 4 in. (4064 mm)
<b>D</b> Overall Length with Winch	14 ft. 9 in. (4.50 m)	14 ft. 9 in. (4496 mm)
<b>E</b> Minimum Ground Clearance	13.6 in. (345 mm)	13.6 in. (345 mm)
<b>F</b> Blade Lift Height	30.4 in. (772 mm)	30.4 in. (772 mm)
<b>G</b> Blade Digging Depth	20.8 in. (528 mm)	20.8 in. (528 mm)
<b>H</b> Blade Cutting Edge Angle, Adjustable	52 to 60 deg.	52 to 60 deg.

### Forestry Application 450J LT / 450J LGP

Available limb risers and screens for the rollover protective structure, John Deere-built, self-contained 4000S Winch\* for versatile skidding and clearing operations

- - \*Reference 4000S Winch spec sheet.
  - \*\*See above for related dimensions.

Blade	Specs	450J LT	450J LGP
	Width	97 in. (2464 mm)	115 in. (2921 mm)
J	Height		3 ft. 2 in. (955 mm)
	SAE Capacity	2.14 cu. yd. (1.64 m³)	2.57 cu. yd. (1.96 m <sup>3</sup> )
K	Blade Angle	25.4 deg.	25.4 deg.
L	Angled Width		8 ft. 8 in. (2639 mm)
M	Tilt		15.7 in. (399 mm)
N	Cut Reach	2.2 in. (56 mm)	2.3 in. (58.4 mm)
0	Width Over Track	6 ft. 1 in. (1854 mm)	7 ft. 5 in. (2261 mm)
P	Cast Reach		12.6 in. (320 mm)
1	Width		124 in. (3150 mm)
J	Height	3 ft. 2 in. (955 mm)	2 ft. 11 in. (894.1 mm)
	SAE Capacity	2.57 cu. yd. (1.96 m³)	2.46 cu. yd. (1.88 m³)
K	Blade Angle		25.4 deg.
L	Angled Width	8 ft. 8 in. (2639 mm)	9 ft. 4 in. (2845 mm)
M	Tilt		16.9 in. (429 mm)
N	Cut Reach		6.4 in. (163 mm)
0	Width Over Track	6 ft. 1 in. (1854 mm)	7 ft. 5 in. (2261 mm)
P			17 in. (424 mm)



### Specifications

Engine	550J LT	550J LGP
Manufacturer and Model	John Deere 4045T	John Deere 4045T
Non-Road Emission Standards	certified to EPA Tier 2 emissions	certified to EPA Tier 2 emissions
Cylinders	4	4
Displacement	276 cu. in. (4.5 L)	276 cu. in. (4.5 L)
Net Peak Power (ISO9249)	80 hp (60 kW) @ 2,200 rpm	84 hp (63 kW) @ 2,200 rpm
Net Peak Torque (ISO9249)	263 lbft. (358 Nm) @ 1,200 rpm	276 lbft. (375 Nm) @ 1,200 rpm
Aspiration	altitude-compensating turbocharger	altitude-compensating turbocharger
Lubrication	pressure system with full-flow spin-on filter and oil-	pressure system with full-flow spin-on filter and oil-
	to-water cooler	to-water cooler
	dual safety element dry type, evacuator valve	dual safety element dry type, evacuator valve
Slope Operation (maximum angle)	45 deg.	45 deg.

### Cooling 550J LT / 550J LGP

### Powertrain

Transmission	dual-path, electronic-controlled, hydrostatic drive; load-sensing, automatically adjusts speed and power to match changing
	load conditions; each track is powered by a variable-displacement piston pump and two-speed motor combination; deceler-
	ator controls speed
Travel Speeds (forward and reverse)	. 5.0 mph (8.0 km/h)
Steering	. single-lever steering, direction control, and counterrotation; full power turns and infinitely variable track speeds provide
	unlimited maneuverability and optimum control; hydrostatic steering eliminates steering clutches and brakes
Final Drives	. heavy-duty triple-reduction final drives attach directly to the mainframe; isolated from track and dozer frame loads
Brakes	. hydrostatic (dynamic) braking stops the machine whenever the direction-control lever is moved to neutral or whenever the
	decelerator is depressed to the detent
Service Brakes	hydrostatic braking when direction-control lever is moved to neutral or when the decelerator is depressed to the detent

### **Hydraulics**

Open-center hydraulic system with gear pump

System Relief Pressure . . . . . . . . . . . . . . . 3,000 psi (20 684 kPa)

### **Electrical**

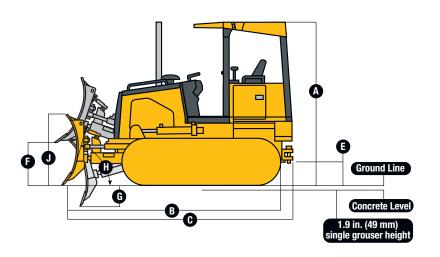
 Voltage
 12 volt

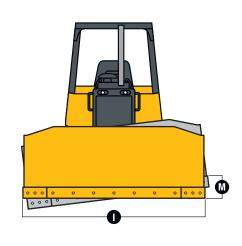
 Battery Capacity
 950 CCA

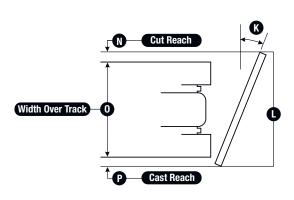
 Reserve Capacity
 190 min.

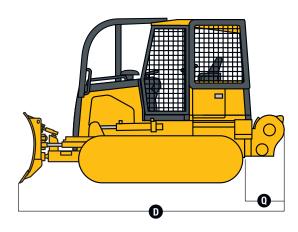
 Alternator Rating
 65 amp

Undercarriage	550J LT	550J LGP
Tracks	John Deere Dura-Trax, deep-heat-treated, pins and bushings sealed for life; rollers and idlers permanently	John Deere Dura-Trax, deep-heat-treated, pins and bushings sealed for life; rollers and idlers permanently
Trook Course (standard)	sealed and lubricated	sealed and lubricated
Track Gauge (standard)		5 ft. 9 in. (1753 mm)
Grouser Width (closed center, single bar).		24 in. (610 mm)
Chain		sealed and lubricated
Shoes (each side)		40
Track Rollers (single flange, each side)		6
Track Length on Ground		7 ft. 2 in. (2184 mm)
Ground Contact Area		4,128 sq. in. (26 632 cm²)
Ground Pressure		4.2 psi (29.0 kPa)
Ground Clearance with Single-Bar Grouser		
(excluding grouser height)	,	13.6 in. (345 mm)
Track Pitch	6.29 in. (160 mm)	6.29 in. (160 mm)
Serviceability	550J LT / 550J LGP	
Refill Capacities*		
Fuel Tank	47 gal. (178 L)	
Cooling System with Recovery Tank		
Engine Oil with Filter	• • •	
Transmission Reservoir with Filter		
Final Drive (each)	7 qt. (6.6 L)	
Hydraulic Reservoir and Filter		
	nd volumes listed in the operator's manual.	
Operating Weights	550J LT	550J LGP
With Standard Equipment, ROPS, Full Fuel Ta		
and 175-lb. (79 kg) Operator	,	
105-in. (2667 mm) Blade and 18-in.		
(457 mm) Track Shoes	17.016 lb. (7718 ka)	
128-in. (3251 mm) Blade and 24-in.		
(610 mm) Track Shoes		18.252 lb. (8279 kg)
Optional Components		(
Rock Guards (4)	288 lb. (131 kg)	288 lb. (131 kg)
Cab		675 lb. (306 kg)
Counterweight		0.0 is (000 iig)
Rear (each)	330 lh (150 kg)	330 lb. (150 kg)
Front (each)		240 lb. (109 kg)
Retrieval Hitch	50 lb. (23 kg)	50 lb. (23 kg)
Extended Drawbar	•	72 lb. (33 kg)
Limb Risers		229 lb. (104 kg)
Screens	223 lb. (104 kg)	223 lb. (104 ltg)
Rear	76 lh (34 kg)	76 lb. (34 kg)
Side		94 lb. (43 kg)
Front and Doors	•	179 lb. (81 kg)
Winch	173 lb. (01 kg)	173 lb. (01 kg)
40008	1 /37 lh (652 kg)	1,437 lb. (652 kg)
Fairlead, Four Roller		187 lb. (85 kg)
Ripper, Parallelogram		850 lb. (386 kg)
,		030 lb. (300 kg)
97-in. (2464 mm) Blade, All-Hydraulic Heavy-Duty C Frame	151 lb ( 69 kg)	
115-in. (2921 mm) Blade, All-Hydraulic		
Heavy-Duty C Frame (adjust to base		20 lb / 17 kg
		– эо ів. (– т/ ку)
121-in. (3073 mm) Blade, All-Hydraulic		
Heavy-Duty C Frame (adjust to base		00 lb (40 lm)
		22 ID. (10 Kg)
All-Hydraulic Heavy-Duty C Frame (less bla		1 070 lb / 000 lcs\
adjust to base weight)	– 1,212 lb. (– 550 kg)	– 1,373 lb. (– 623 kg)









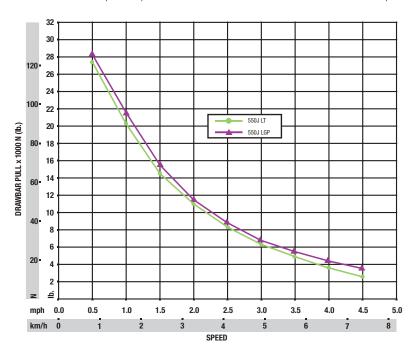
Machi	ne Dimensions	550J LT	550J LGP
Α	Overall Height (ROPS or cab)	. 9 ft. 0 in. (2743 mm)	9 ft. 0 in. (2743 mm)
	Height of Grousers	. 1.9 in. (48 mm)	1.9 in. (48 mm)
В	Overall Length	. 13 ft. 3 in. (4039 mm)	13 ft. 3 in. (4039 mm)
C	Overall Length with Extended Drawbar	. 13 ft. 5 in. (4089 mm)	13 ft. 5 in. (4089 mm)
D	Overall Length with Winch	. 14 ft. 11 in. (4547 mm)	14 ft. 11 in. (4547 mm)
Ε	Minimum Ground Clearance	. 14 in. (345 mm)	14 in. (345 mm)
F	Blade Lift Height	. 31 in. (798 mm)	31 in. (798 mm)
G	Blade Digging Depth	. 21 in. (523 mm)	20.6 in. (523 mm)
Н	Blade Cutting Edge Angle, Adjustable	. 52 to 60 deg.	52 to 60 deg.

### Forestry Application 550J LT / 550J LGP

Available limb risers and screens for the rollover protective structure, John Deere-built, self-contained 4000S Winch\* for versatile skidding and clearing operations

- $\boldsymbol{Q}\quad \text{4000S Winch Length} \dots \dots \dots \dots 30 \text{ in. (752 mm)}$ 
  - \*Reference 4000S Winch spec sheet.
  - \*\*See above for related dimensions.

Blade	Specs	550J LT	550J LGP
	Width		115 in. (2921 mm)
J	Height		3 ft. 2 in. (955 mm)
	SAE Capacity		2.57 cu. yd. (1.96 m³)
K	Blade Angle	22.2 deg.	22.2 deg.
L	Angled Width		8 ft. 11 in. (2705 mm)
M	Tilt	14.3 in. (363 mm)	15.7 in. (399 mm)
N	Cut Reach	4.6 in. (116.84 mm)	2.2 in. (56 mm)
0	Width Over Track	6 ft. 7 in. (2007 mm)	7 ft. 9 in. (2362 mm)
P	Cast Reach		11 in. (287 mm)
- 1	Width	115 in. (2921 mm)	124 in. (3150 mm)
J	Height		2 ft. 11 in. (894 mm)
	SAE Capacity		2.46 cu. yd. (1.88 m³)
K	Blade Angle		22.2 deg.
L	Angled Width		9 ft. 7 in. (2916 mm)
M	Tilt	15.7 in. (399 mm)	16.9 in. (429 mm)
N	Cut Reach	9.2 in. (233.68 mm)	6.4 in. (163 mm)
0	Width Over Track	6 ft. 7 in. (2007 mm)	7 ft. 9 in. (2362 mm)
P	Cast Reach		15.4 in. (391 mm)



## Specifications

Engine	650J LT	650J XLT	650J LGP
Manufacturer and Model	. John Deere 4045H	John Deere 4045H	John Deere 4045H
Non-Road Emission Standards	. certified to EPA Tier 2 emissions	certified to EPA Tier 2 emissions	certified to EPA Tier 2 emissions
Cylinders	. 4	4	4
Displacement	. 276 cu. in. (4.5 L)	276 cu. in. (4.5 L)	276 cu. in. (4.5 L)
Net Peak Power (ISO9249)	. 90 hp (67 kW) @ 2,200 rpm	90 hp (67 kW) @ 2,200 rpm	99 hp (74 kW) @ 2,200 rpm
Net Peak Torque (ISO9249)	. 306 lbft. (416 Nm) @ 1,200 rpm	306 lbft. (414 Nm) @ 1,200 rpm	329 lbft. (447 Nm) @ 1,200 rpm
Aspiration	. altitude-compensating turbocharger and air-to-air intercooler	altitude-compensating turbocharger and air-to-air intercooler	altitude-compensating turbocharger and air-to-air intercooler
Lubrication	. pressure system with full-flow spin-on filter and oil-to-water cooler	pressure system with full-flow spin-on filter and oil-to-water cooler	pressure system with full-flow spin-on filter and oil-to-water cooler
Air Cleaner	. dual safety element dry type, evacuator valve	dual safety element dry type, evacu- ator valve	dual safety element dry type, evacu- ator valve
Slope Operation (maximum angle)	. 45 deg.	45 deg.	45 deg.

### 650J LT / 650J XLT / 650J LGP Cooling

Blower-type cooling fan

### **Powertrain**

Transmission	. dual-path, electronic-controlled, hydrostatic drive; load-sensing, automatically adjusts speed and power to match changing
	load conditions; each track is powered by a variable-displacement piston pump and two-speed motor combination; deceler-
	ator controls speed
Travel Speeds (forward and reverse)	. 5.0 mph (8.0 km/h)
Steering	. single-lever steering, direction control, and counterrotation; full power turns and infinitely variable track speeds provide
	unlimited maneuverability and optimum control; hydrostatic steering eliminates steering clutches and brakes
Final Drives	. heavy-duty triple-reduction final drives attach directly to the mainframe; isolated from track and dozer frame loads
Brakes	. hydrostatic (dynamic) braking stops the machine whenever the direction-control lever is moved to neutral or whenever the
	decelerator is depressed to the detent
Service Brakes	. hydrostatic braking when direction-control lever is moved to neutral or when the decelerator is depressed to the detent
Parking Brakes	. exclusive safety feature engaged wet, multiple-disc brakes automatically whenever the engine stops, whenever the operator
	depresses the decelerator pedal to the brake position, whenever the unit is in neutral for three seconds (with detected motion),
	or whenever the park lock lever is in the park position; machine cannot be driven with brake applied, reducing wear-out or

### **Hydraulics**

Open-center hydraulic system with gear pump

System Relief Pressure . . . . . . . . . . . . . . . . . 3,000 psi (20 684 kPa)

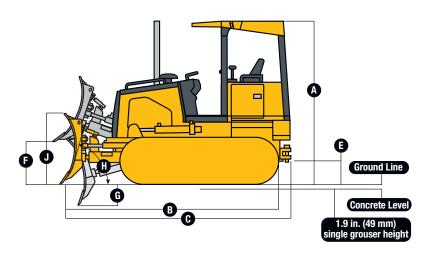
need for adjustment

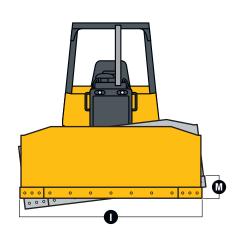
### **Electrical**

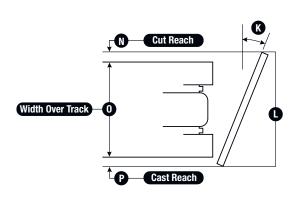
Alternator Rating . . . . . . . . . . . . . . . . . . 65 amp

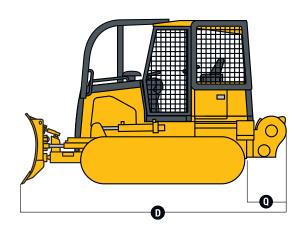
Lights . . . . . . . . . . . . 3 total: grille mounted (2) and rear mounted (1), and rear reflectors (2)

	50J LT	650J XLT	650J LGP
Tracks		John Deere Dura-Trax, deep-heat-	John Deere Dura-Trax, deep-heat-
	eated, pins and bushings sealed for	treated, pins and bushings sealed for	treated, pins and bushings sealed fo
	fe; rollers and idlers permanently	life; rollers and idlers permanently	life; rollers and idlers permanently
	ealed and lubricated	sealed and lubricated	sealed and lubricated
Track Gauge (standard) 5		5 ft. 1 in. (1549 mm)	5 ft. 9 in. (1753 mm)
Grouser Width (closed center, single bar)1		18 in. (457 mm)	28 in. (711 mm)
Chainsı		sealed and lubricated	sealed and lubricated
Shoes (each side)		40	40
Track Rollers (single flange, each side) 6		7	7
Track Length on Ground		7 ft. 8 in. (2337 mm)	7 ft. 8 in. (2337 mm)
Ground Contact Area		3,312 sq. in. (21 368 cm²)	5,152 sq. in. (33 239 cm <sup>2</sup> )
Ground Pressure	.9 psi (40.6 kPa)	5.6 psi (38.6 kPa)	3.8 psi (26.2 kPa)
Ground Clearance with Single-Bar Grouser	4.0 (000)	44.0 (000)	440: (000)
(excluding grouser height)1		14.3 in. (363 mm)	14.3 in. (363 mm)
Track Pitch	./3 in. (1/1 mm)	6.73 in. (171 mm)	6.73 in. (171 mm)
rviceability			
Refill Capacities*			
Fuel Tank			
Cooling System with Recovery Tank			
Engine Oil with Filter			
Transmission Reservoir with Filter			
Final Drive (each)			
Hydraulic Reservoir and Filter 8			
*Please follow drain and refill procedures and volum	es listed in the operator's manual.		
erating Weights			
With Standard Equipment, ROPS, Full Fuel Tank,			
and 175-lb. (79 kg) Operator			
105-in. (2667 mm) Blade and 18-in. (457 mm)			
Track Shoes	9 560 lb (9410 kg)	18,600 lb. (8455 kg)	
128-in. (3251 mm) Blade and 28-in. (711 mm)	0,300 lb. (0419 kg)	10,000 lb. (0455 kg)	
Track Shoes			19 750 lh (8977 kg)
Optional Components			13,730 lb. (0377 kg)
Rock Guards (4) 2	60 lh (118 kg)	295 lb. (134 kg)	260 lb. (118 kg)
20-in. (508 mm) Track Shoes		183 lb. (83 kg)	– 980 lb. (– 445 kg)
24-in. (610 mm) Track Shoes (adjust to	7 + 10. (7 5 Ng)	100 lb. (00 kg)	300 lb. ( ++3 kg)
base weight)			– 380 lh <i>(</i> – 172 kg)
Cab6		675 lb. (306 kg)	675 lb. (306 kg)
Counterweight	70 lb. (000 kg)	07 0 lb. (000 kg)	070 lb. (000 kg)
Rear (each) in	n hase	330 lb. (150 kg)	330 lb. (150 kg)
Front (each) in		240 lb. (209 kg)	240 lb. (209 kg)
Front Tow Hook in		in base	in base
	i buoc		
Retrieval Hitch 5	0 lb (23 ka)	50 lh (23 kg)	50 lh (23 kg)
Retrieval Hitch	, -,	50 lb. (23 kg)	50 lb. (23 kg) 72 lb. (33 kg)
Extended Drawbar7	2 lb. (33 kg)	72 lb. (33 kg)	72 lb. (33 kg)
Extended Drawbar	2 lb. (33 kg)	. •	
Extended Drawbar	2 lb. (33 kg) 29 lb. (104 kg)	72 lb. (33 kg) 229 lb. (104 kg)	72 lb. (33 kg) 229 lb. (104 kg)
Extended Drawbar	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg)
Extended Drawbar. 7 Limb Risers 2 Screens Rear 7 Side 9	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg)
Extended Drawbar. 7 Limb Risers 2 Screens 7 Rear 7 Side 9 Front and Doors 1	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg)
Extended Drawbar. 7 Limb Risers 2 Screens Rear 7 Side 9 Front and Doors 1 Winch	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg) 79 lb. (81 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)
Extended Drawbar       7         Limb Risers       2         Screens       7         Rear       7         Side       9         Front and Doors       1         Winch       4000S         1	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg) 79 lb. (81 kg) ,437 lb. (652 kg)	72 lb. (33 kg) 229 lb. (104 kg)  76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)  1,437 lb. (652 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg) 1,437 lb. (652 kg)
Extended Drawbar       7         Limb Risers       2         Screens       7         Rear       7         Side       9         Front and Doors       1         Winch       4000S         Fairlead, Four Roller       1	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg) 79 lb. (81 kg) ,437 lb. (652 kg) 87 lb. (85 kg)	72 lb. (33 kg) 229 lb. (104 kg)  76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)  1,437 lb. (652 kg) 187 lb. (85 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg) 1,437 lb. (652 kg) 187 lb. (85 kg)
Extended Drawbar       7         Limb Risers       2         Screens       7         Rear       7         Side       9         Front and Doors       1         Winch       4000S         Fairlead, Four Roller       1         Ripper, Parallelogram       1	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg) 79 lb. (81 kg) ,437 lb. (652 kg) 87 lb. (85 kg) ,306 lb. (592 kg)	72 lb. (33 kg) 229 lb. (104 kg)  76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)  1,437 lb. (652 kg) 187 lb. (85 kg) 1,306 lb. (592 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg) 1,437 lb. (652 kg) 187 lb. (85 kg) 1,306 lb. (592 kg)
Extended Drawbar       7         Limb Risers       2         Screens       7         Rear       7         Side       9         Front and Doors       1         Winch       4000S         Fairlead, Four Roller       1         Ripper, Parallelogram       1         All-Hydraulic Heavy-Duty C Frame (less blade)       -	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg) 79 lb. (81 kg) ,437 lb. (652 kg) 87 lb. (85 kg) ,306 lb. (592 kg)	72 lb. (33 kg) 229 lb. (104 kg)  76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)  1,437 lb. (652 kg) 187 lb. (85 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg) 1,437 lb. (652 kg) 187 lb. (85 kg)
Extended Drawbar       7         Limb Risers       2         Screens       7         Rear       7         Side       9         Front and Doors       1         Winch       4000S       1         Fairlead, Four Roller       1         Ripper, Parallelogram       1         All-Hydraulic Heavy-Duty C Frame (less blade)       -         115-in. (2921 mm) Blade, All-Hydraulic	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg) 79 lb. (81 kg) ,437 lb. (652 kg) 87 lb. (85 kg) ,306 lb. (592 kg)	72 lb. (33 kg) 229 lb. (104 kg)  76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)  1,437 lb. (652 kg) 187 lb. (85 kg) 1,306 lb. (592 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg) 1,437 lb. (652 kg) 187 lb. (85 kg) 1,306 lb. (592 kg)
Extended Drawbar. 7 Limb Risers 2 Screens Rear 7 Side 9 Front and Doors 1 Winch 4000S 1 Fairlead, Four Roller 1 Ripper, Parallelogram 1 All-Hydraulic Heavy-Duty C Frame (less blade) - 115-in. (2921 mm) Blade, All-Hydraulic Heavy-Duty C Frame (adjust to base	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg) 79 lb. (81 kg) ,437 lb. (652 kg) 87 lb. (85 kg) ,306 lb. (592 kg) 1,384 lb. (– 628 kg)	72 lb. (33 kg) 229 lb. (104 kg)  76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)  1,437 lb. (652 kg) 187 lb. (85 kg) 1,306 lb. (592 kg) - 1,384 lb. (- 628 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg) 1,437 lb. (652 kg) 1,306 lb. (592 kg) - 1,470 lb. (- 667 kg)
Extended Drawbar. 7 Limb Risers 2 Screens Rear 7 Side 9 Front and Doors 1 Winch 4000S 1 Fairlead, Four Roller 1. Ripper, Parallelogram 1 All-Hydraulic Heavy-Duty C Frame (less blade) - 115-in. (2921 mm) Blade, All-Hydraulic Heavy-Duty C Frame (adjust to base weight) .	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg) 79 lb. (81 kg) ,437 lb. (652 kg) 87 lb. (85 kg) ,306 lb. (592 kg) 1,384 lb. (– 628 kg)	72 lb. (33 kg) 229 lb. (104 kg)  76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)  1,437 lb. (652 kg) 187 lb. (85 kg) 1,306 lb. (592 kg) - 1,384 lb. (- 628 kg)	72 lb. (33 kg) 229 lb. (104 kg) 76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg) 1,437 lb. (652 kg) 1,306 lb. (592 kg) - 1,470 lb. (- 667 kg)
Extended Drawbar. 7 Limb Risers 2 Screens Rear 7 Side 9 Front and Doors 1 Winch 4000S 1 Fairlead, Four Roller 1 Ripper, Parallelogram 1 All-Hydraulic Heavy-Duty C Frame (less blade) - 115-in. (2921 mm) Blade, All-Hydraulic Heavy-Duty C Frame (adjust to base	2 lb. (33 kg) 29 lb. (104 kg) 6 lb. (34 kg) 4 lb. (43 kg) 79 lb. (81 kg) ,437 lb. (652 kg) 87 lb. (85 kg) ,306 lb. (592 kg) 1,384 lb. (– 628 kg)	72 lb. (33 kg) 229 lb. (104 kg)  76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)  1,437 lb. (652 kg) 187 lb. (85 kg) 1,306 lb. (592 kg) - 1,384 lb. (- 628 kg)	72 lb. (33 kg) 229 lb. (104 kg)  76 lb. (34 kg) 94 lb. (43 kg) 179 lb. (81 kg)  1,437 lb. (652 kg) 1,306 lb. (592 kg) - 1,470 lb. (- 667 kg)









Machi	ne Dimensions	650J LT	650J XLT	650J LGP
Α	Overall Height (ROPS or cab)	. 9 ft. 1 in. (2769 mm)	9 ft. 1 in. (2769 mm)	9 ft. 1 in. (2769 mm)
	Height of Grousers	. 1.9 in. (48 mm)	1.9 in. (48 mm)	1.9 in. (48.3 mm)
В	Overall Length	. 13 ft. 5 in. (4089 mm)	13 ft. 11 in. (4242 mm)	13 ft. 11 in. (4242 mm)
C	Overall Length with Extended Drawbar $\dots$	. 13 ft. 10 in. (4216 mm)	14 ft. 1 in. (4293 mm)	14 ft. 1 in. (4293 mm)
D	Overall Length with Winch	. 14 ft. 11 in. (4547 mm)	15 ft. 6 in. (4724 mm)	14 ft. 11 in. (4547 mm)
Е	Minimum Ground Clearance	. 14 in. (363 mm)	14.3 in. (363 mm)	14.3 in. (363 mm)
F	Blade Lift Height	. 32 in. (818 mm)	32.2 in. (818 mm)	32.2 in. (818 mm)
G	Blade Digging Depth	. 20 in. (500 mm)	19.7 in. (500 mm)	19.7 in. (500 mm)
Н	Blade Cutting Edge Angle, Adjustable	. 52 to 60 deg.	52 to 60 deg.	52 to 60 deg.

### **Forestry Application**

Available limb risers and screens for the rollover protective structure, John Deere-built, self-contained 4000S Winch\* for versatile skidding and clearing operations

<b>D</b> 0	verall Length with	Winch**	. 14 ft.	11 in.	(4547 mm)
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15 ft. 6 in. (4737 mm)

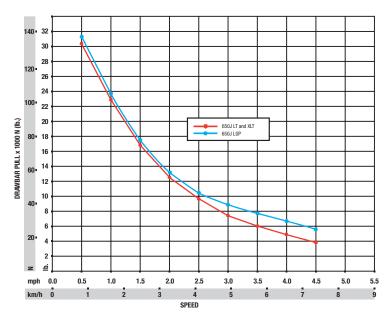
14 ft. 11 in. (4547 mm)

30 in. (752 mm)

30 in. (752 mm)

<sup>\*\*</sup>See above for related dimensions.

de Sp	ecs	650J LT	650J XLT	650J LGP
I w	lidth	105 in. (2667 mm)	105 in. (2667 mm)	115 in. (2921 mm)
<b>J</b> He	eight	3 ft. 6 in. (1067 mm)	3 ft. 6 in. (1067 mm)	3 ft. 2 in. (955 mm)
SA	AE Capacity	2.91 cu. yd. (2.22 m³)	2.9 cu. yd. (2.22 m³)	2.57 cu. yd. (1.96 m <sup>3</sup>
K BI	ade Angle	22.2 deg.	22.2 deg.	22.2 deg.
<b>L</b> Ar	ngled Width	8 ft. 1 in. (2469 mm)	8 ft. 1 in. (2469 mm)	8 ft. 11 in. (2705 mm
<b>M</b> Til	lt	14.3 in. (363 mm)	14.3 in. (363 mm)	15.7 in. (399 mm)
N Cu	ut Reach	4.6 in. (117 mm)	4.6 in. (117 mm)	0.2 in. (5 mm)
<b>0</b> W	lidth Over Track	6 ft. 7 in. (2007 mm)	6 ft. 7 in. (2007 mm)	8 ft. 1 in. (2464 mm)
P Ca	ast Reach	13.6 in. (345 mm)	13.6 in. (345 mm)	9.3 in. (236 mm)
I w	idth	115 in. (2921 mm)	115 in. (2921 mm)	124 in. (3150 mm)
<b>J</b> He	eight	3 ft. 2 in. (955 mm)	3 ft. 2 in. (955 mm)	2 ft. 11 in. (894 mm)
SA	AE Capacity	2.57 cu. yd. (1.96 m³)	2.57 cu. yd. (1.96 m³)	2.46 cu. yd. (1.88 m <sup>3</sup>
K BI	ade Angle	22.2 deg.	22.2 deg.	22.2 deg.
<b>L</b> Ar	ngled Width	8 ft. 11 in. (2705 mm)	8 ft. 11 in. (2705 mm)	9 ft. 7 in. (2916 mm)
<b>M</b> Til	lt	15.7 in. (399 mm)	15.7 in. (399 mm)	16.9 in. (429 mm)
N Cu	ut Reach	9.2 in. (233.68 mm)	9.2 in. (234 mm)	4.4 in. (112 mm)
<b>0</b> W	fidth Over Track	6 ft. 7 in. (2007 mm)	6 ft. 7 in. (2007 mm)	8 ft. 1 in. (2464 mm)
<b>P</b> Ca	ast Reach	18.3 in. (465 mm)	18.3 in. (465 mm)	13.4 in. (340 mm)
I w	lidth	124 in. (3150 mm)	124 in. (3150 mm)	128 in. (3251 mm)
<b>J</b> He	eight	2 ft. 11 in. (894 mm)	2 ft. 11 in. (894 mm)	3 ft. 2 in. (955 mm)
SA	AE Capacity	2.46 cu. yd. (1.88 m³)	2.46 cu. yd. (2.0 m³)	2.91 cu. yd. (2.22 m <sup>3</sup>
<b>K</b> Bl	ade Angle	22.2 deg.	22.2 deg.	22.2 deg.
<b>L</b> Ar	ngled Width	9 ft. 7 in. (2916 mm)	9 ft. 7 in. (2916 mm)	9 ft. 11 in. (3010 mm
<b>M</b> Til	lt	16.9 in. (429 mm)	16.9 in. (429 mm)	17.5 in. (445 mm)
N Cu	ut Reach	13.4 in. (340.36 mm)	13.4 in. (340 mm)	6.2 in. (157 mm)
<b>0</b> w	fidth Over Track	6 ft. 7 in. (2007 mm)	6 ft. 7 in. (2007 mm)	8 ft. 1 in. (2464 mm)
P Ca	ast Reach	22.4 in. (569 mm)	22.4 in. (569 mm)	15.3 in. (389 mm)



### 450J / 550J / 650J CRAWLER DOZERS

**Key:** ● Standard equipment ▲ Optional or special equipment

450 550 650	Engine	450 550 650	Attachments (continued)
• • •	Certified to EPA Tier 2 emissions		Winch, John Deere, power in/free spool out OR power out
• • •	Electronic control with automatic engine protection		Four-roller fairlead for winch
• • •	Dual safety element dry-type air cleaner, evacuator valve		Root-rake blade attachment
• • •	Muffler, self draining, under hood, with vertical stack		Rear-mounted toolbox
	Environmental service drains		Undercarriage
	Ether start aid	• • •	Full-length, smooth-surface track frame covers
	Engine coolant heater, 110 volts		Chain guides, front and rear
	Engine coolant heater, fuel fired	• •	Single-flange roller
	Chrome exhaust		Double-flange rollers
	Fuel filter heater		Extended life undercarriage with SC-2™ bushings
	Cooling		Full-length rock guards
• • •	Cooling fan, blower type		Center track chain guide
• • •	Engine coolant radiator (10 fins per in.)	Canopy Cab	Operator's Station / Electrical
• • •	Hydrostatic cooler (oil/air – 10 fins per in.)		Retractable seat belts, 2 in. (51 mm) (conform to SAE J386)
	Turbo intercooler (air/air – 7 fins per in.)	<b>A A</b>	Retractable seat belts, 3 in. (76 mm) (conform to SAE J386)
• • •	Enclosed safety fan guard (conforms to SAE J1308 and ISO3457)	<b>7</b> 7	Accessories: Convex wide-angle interior rearview mirror / Thigh
• • •	Perforated engine side shields		cushions (2) / Seat-side lockable storage box/lunch box/cup holder
• • •	Heavy-duty grille	• •	Power port, 12 volts
	Extreme-duty grille	ĂĂ	Lockable side-seat storage compartment
	Radiator sand screens		Air conditioner, 24,000 Btu
	Transmission		Tinted glass
• • •	Remote diagnostic test ports		Dome light
AAA	Environmental service drains		Heater (roof mount)
	Hydraulic System		Front and door wipers
	Three-function hydraulics	•	Mechanical suspension vinyl seat
	Four-function hydraulics with rear plumbing	•	Mechanical suspension fabric seat
	Drive-through hydraulic pump for use with winch		Air suspension vinyl seat
	Integrated Grade Control (IGC)		Air suspension fabric seat
			Under-seat heater
	Mainframe, Access Panels		Rear wiper
	Front tow loop (bolt-on)		AM/FM, weather-band radio, clock
	Reinforced engine and mid-frame bottom guards	_	External-mounted attachment mirror
	Integral transmission guard	• •	Sealed alternator, 65 amps
	Vandal protection: Engine access door / Side tank access doors / Fuel	• •	Master electrical disconnect switch
	tank / Instrument panel / Transmission reservoir / Hydraulic reservoir	• •	Lights, grille mounted (2), rear mounted (1)
	Attachments		Work lights, roof mounted
	Retrieval hitch with pin	• •	Battery, single, 12 volts
	Extended rigid drawbar with pin for pull-type implements		Battery, dual, 12 volts
	Drawbar, extended for winch (with or without Fairlead)		JDLink™

### CONTROL OWNING AND OPERATING COSTS

Customer Personal Service (CPS) is part of John Deere's proactive, fix-before-fail strategy on machine maintenance that will help control costs, increase profits, and reduce stress. Included in this comprehensive lineup of ongoing programs and services are:

A Ripper, parallelogram with five shank pockets and three teeth

Fluid analysis program – tells you what's going on inside all of your machine's major components so you'll know if there's a problem before you see a decline in performance. Fluid analysis is included in most extended coverage and preventive-maintenance agreements.

**Component life-cycle data** – gives you vital information on the projected life span of components and lets you make informed decisions on machine maintenance by telling you approximately how many hours of use you can expect from an engine, transmission, or hydraulic pump. This information can be used to preempt catastrophic downtime by servicing major components at about 80 percent of their life cycle.

**Preventive Maintenance (PM) agreements** – give you a fixed cost for maintaining a machine for a given period of time. They also help you avoid downtime by

ensuring that critical maintenance work gets done right and on schedule. On-site preventive maintenance service performed where and when you need it helps protect you from the expense of catastrophic failures and lets you avoid waste-disposal bassles.

See your John Deere dealer for further information.

**Extended coverage** – gives you a fixed cost for machine repairs for a given period of time so you can effectively manage costs. Whether you work in a severe-service setting or just want to spread the risk of doing business, this is a great way to custom-fit coverage for your operation. And an extended coverage contract also travels well because it's backed by John Deere and is honored by *all* Deere construction dealers.

Customer Support Advisors (CSAs) – Deere believes the CSA program lends a personal quality to Customer Personal Service (CPS). Certified CSAs have the knowledge and skills for helping make important decisions on machine maintenance and repair. Their mission is to help you implement a plan that's right for your business and take the burden of machine maintenance off your shoulders.



SAFETY live with it