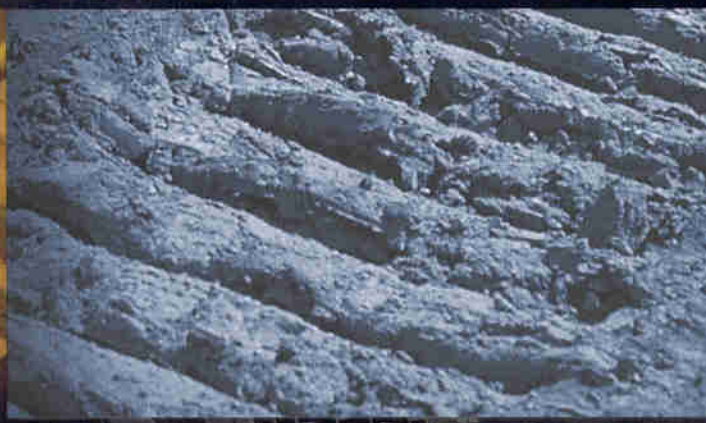
JOHN DEERE

JD | CONSTRUCTION EQUIPMENT DIVISION | DOZERS

MODEL NO.

750C SERIES II

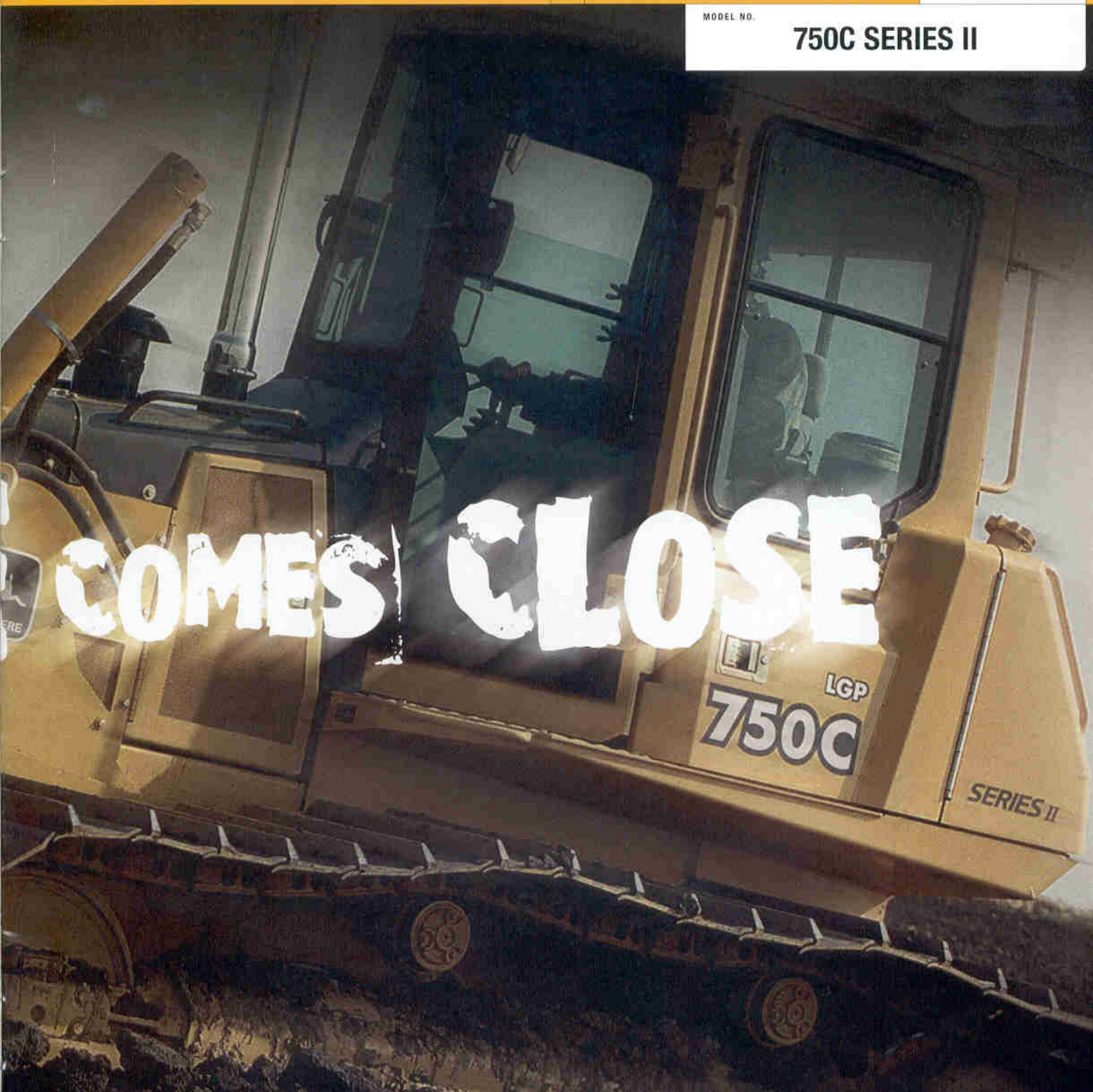


SERIES II

For more than 25 years, John Deere 750s have changed the way earthmovers shape the earth. Now there's the 750C Series II. Loaded with hundreds of enhancements, no other comparable size crawler can match this dozer's ease of operation and almost endless flexibility. Backed by an extensive dealer network, exclusive CounterParts® promise, and worldwide SECURE® warranty – anything else is just another dozer. To learn more, turn the page.

MODEL NO.

750C SERIES II



DRIVETRAIN

Usable counterrotation is a distinct Deere advantage. Use it for overcoming corner-loaded side-drafts and for quickly repositioning the blade on-the-go. Or for space-saving spot turns, no matter what's underfoot.

750C II steers the same and
ntains its preset speed whether
on level ground or a 2-to-1
e. What's more, fully depressing
decelerator brings this crawler to
op regardless of the grade.

Its highly adaptable drive-
train provides seemingly
endless flexibility, making
the 750C II compatible with
a wide variety of front and
rear attachments.

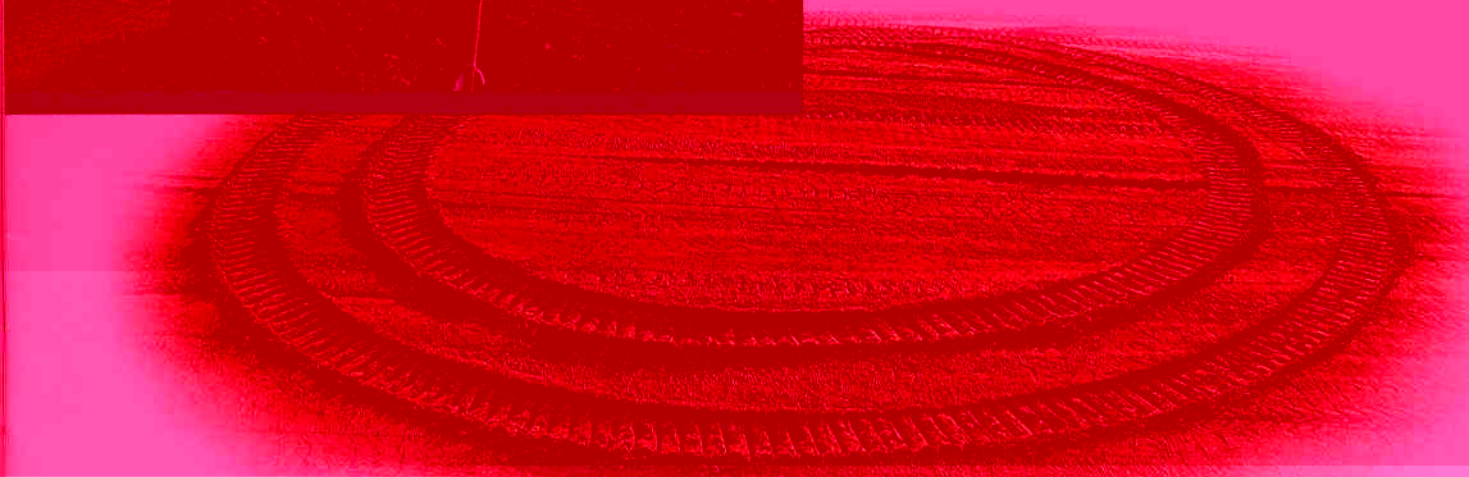
The
mai
it's
slop
the
a st

Easy doze it.

Just as hydraulics advanced excavators, hydrostatics have changed the way dozers work. And no other crawler in its class can do what a John Deere 750C Series II Dozer does. Its joystick-controlled full-featured hydrostatic drivetrain provides powerturns, counterrotation, infinitely variable track speeds, and plenty of other production-enhancing advantages, as well.

No limited gears in the 750C. Instead, an infinitely variable range from standstill to 6.8 mph gives an operator freedom to choose the right ground speed for the job.

Power management system takes both the guess and work out of efficient operation. Just set maximum desired ground speed and the dozer does the rest. As loads change, the drivetrain responds, automatically powering up or down to maintain peak engine rpm and efficiency.



Infinitely variable track control lets you speed-up or slow power to each track. For smooth, full-power turns that don't tear up soft terrain.

Take on all of your tasks single-handedly.

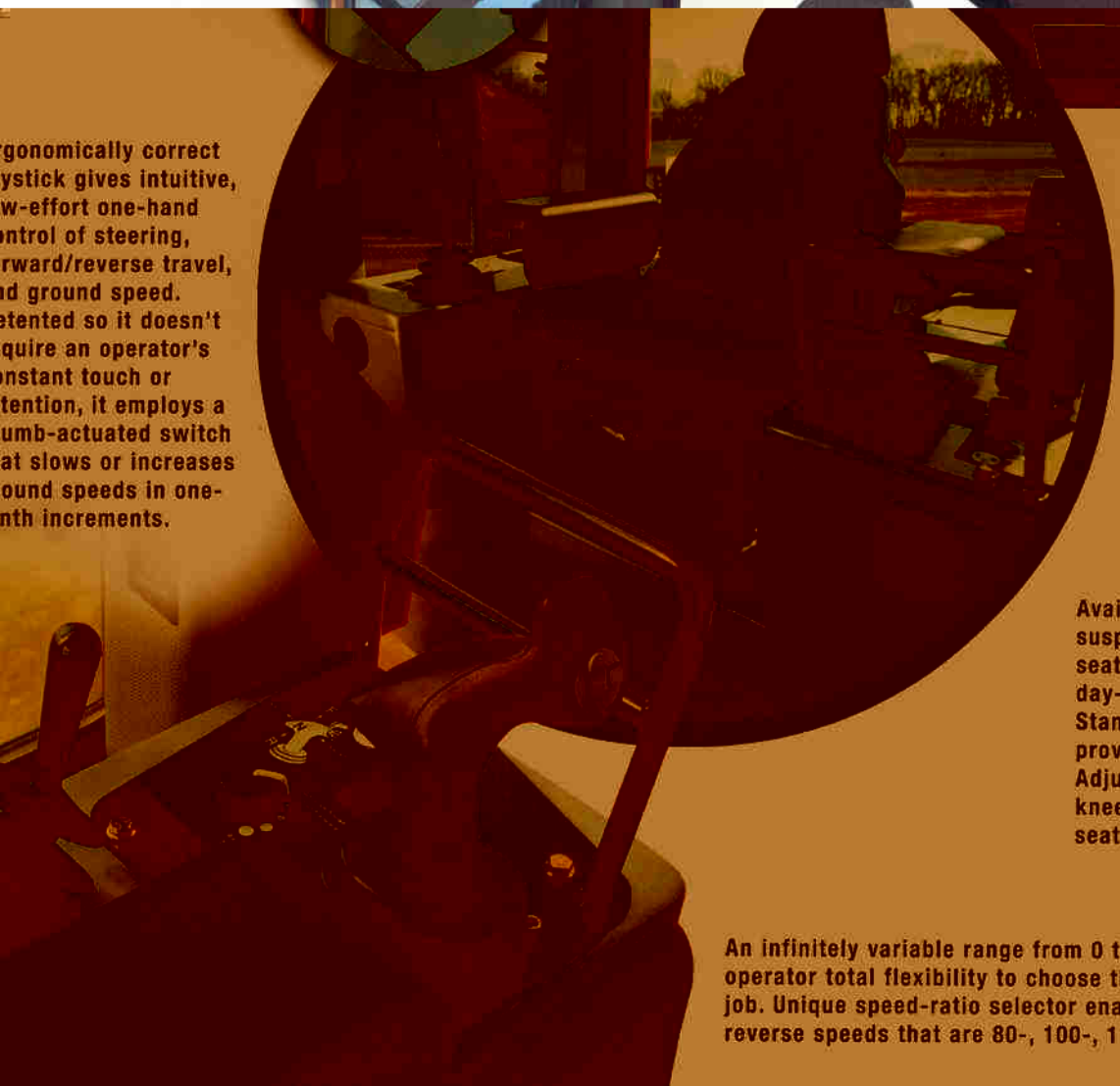
Decelerator slows both engine and transmission, allowing the 750C to literally crawl for close-quarters agility and confidence around critical structures.

Exclusive Auto-Trac system automatically keeps the 750C tracking straight in forward or reverse. So your operators concentrate less on making steering corrections and more on doing their best bladework.

Operators won't have to "feel" their way to become productive on this dozer. The 750C II's cab-forward design places the operator closer to the front for unsurpassed visibility behind, below, and beyond the blade.

OPERATOR STATION

Neutral-start lever, automatic park brake, slip-resistant floormat, and convenient grab bars help keep your operator out of harm's way.



rgonomically correct ystick gives intuitive, w-effort one-hand ontrol of steering, rward/reverse travel, nd ground speed. etented so it doesn't quire an operator's onstant touch or tention, it employs a umb-actuated switch at slows or increases ound speeds in one-nth increments.

Microprocessor-controlled electronic monitor keeps a vigilant watch on 16 machine functions, with warnings you can see and hear.

Available cloth or vinyl deluxe suspension high-back armchair seat adjusts seven ways for day-long support and comfort. Standard suspension seat provides the same deep-sculpting. Adjustable armrests and footrests, knee cushions, and retractable seatbelt are standard.

An infinitely variable range from 0 to 6.8 mph gives a 750C II operator total flexibility to choose the right ground speed for the job. Unique speed-ratio selector enables an operator to preset reverse speeds that are 80-, 100-, 115-, or 130-percent of forward.

POWERTRAIN/COMPONENTS

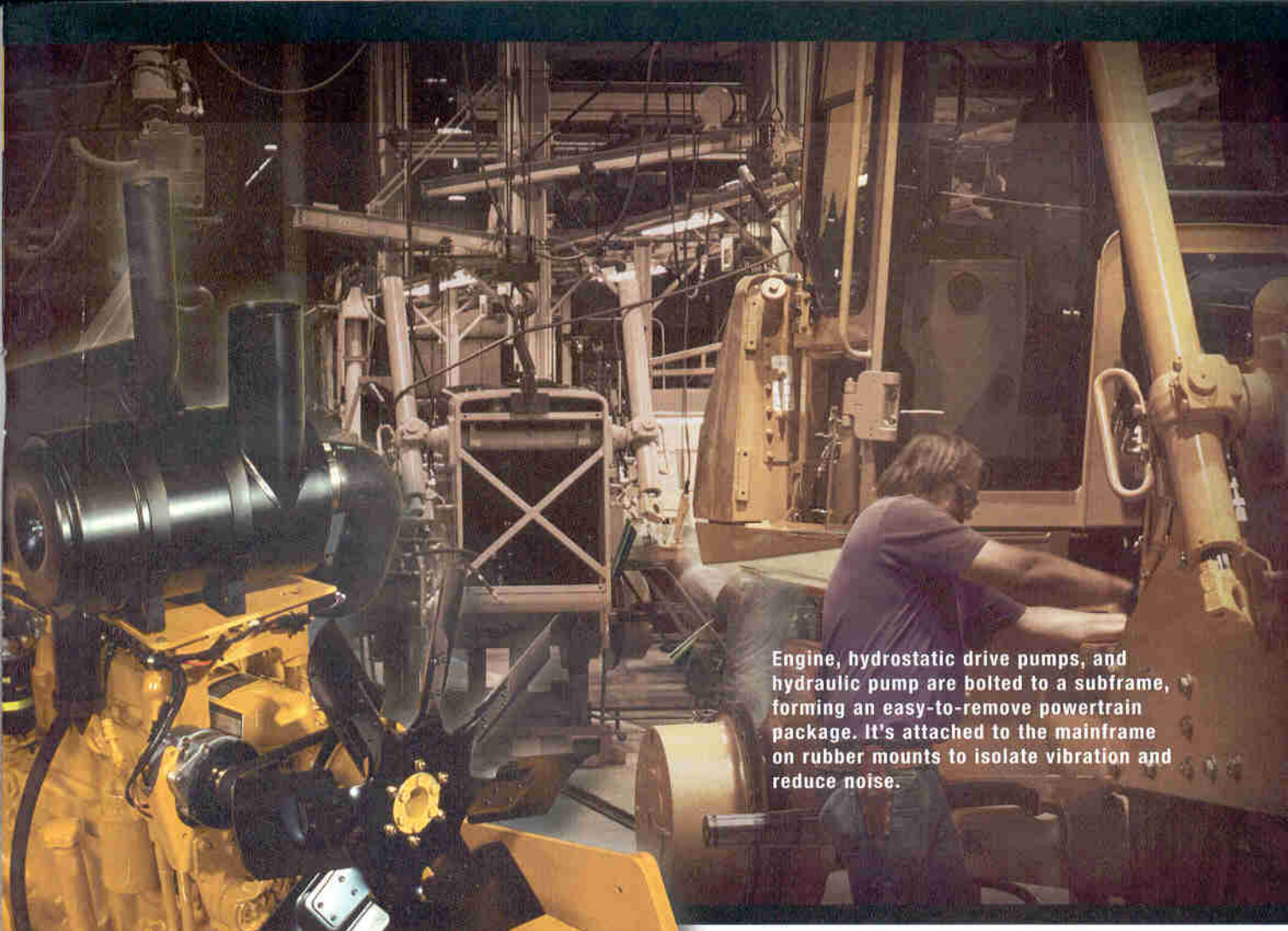
Nothing runs like this Deere because nothing is built like it.

No need for an elevated sprocket here. Double-reduction planetary final drives are attached to the mainframe, effectively isolating them from dozer or track-imposed shock loads. Final drive seal guards are standard.

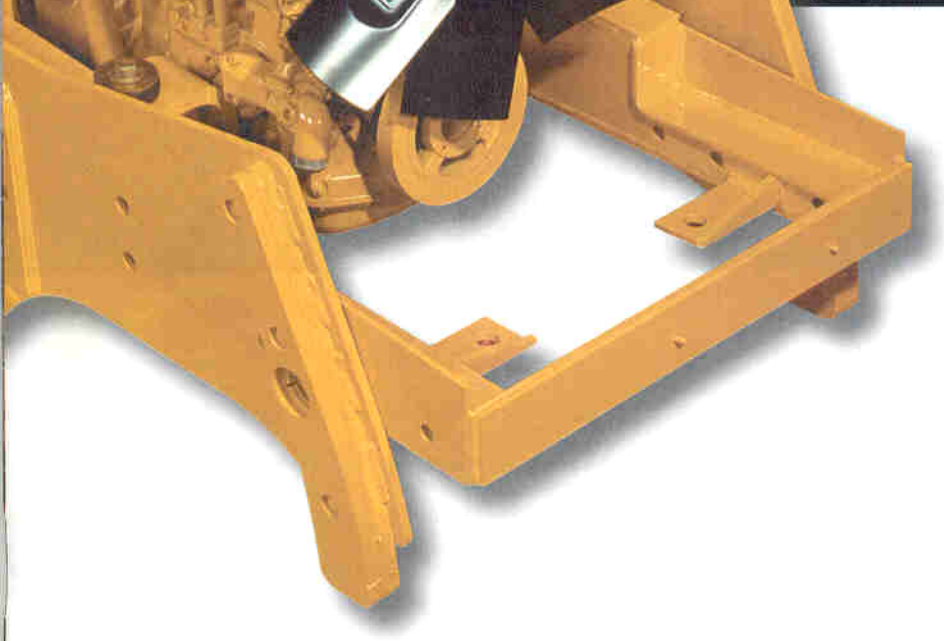
Axial-piston hydrostatic motors are mounted directly to the final drives at the back of the mainframe. Heavy-duty high-pressure hoses connect the pumps and motors that form the drivetrain. O-ring face seal (ORFS) couplings virtually eliminate leaks.

Before beginning work on the 750C Series II Dozers, Deere engineers did their homework. They surveyed C-Series dozer owners, scrutinized warranty claims, benchmarked best-in-class features, travelled to trade shows, dialogued with dealers, and visited competitive crawler owners – all in an effort to gain insight into the wants and needs of today's dozer users.

Designed and built with state-of-the-art tools and techniques by a quality-conscious workforce at our world-class facility in Dubuque, Iowa, the 750C Series II Dozer is your best choice. To learn what you can expect out of it, take a look at what goes into it.



Engine, hydrostatic drive 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.



6.8-L Deere PowerTech® diesel delivers 140 hp at a low 2,100 rpm. The slower speed yields good fuel economy, longevity, and also helps reduce noise.

Robot-welded unitized mainframe resists torsional stress, absorbs shock loads, and delivers maximum strength while allowing easy access to major drivetrain components.

Individually replaceable, spin-cast, wet-type engine cylinder liners dissipate heat for reduced ring wear and oil breakdown.

Pinned front crossbar increases mainframe rigidity, enhances the ride, and reduces nosedive for good grading ability.

Cast steel-alloy segmented sprockets have deep-hardened wear surfaces for long life. Unique tooth profile also helps extend sprocket and bushing life.

No weak links in this undercarriage.

Planetary final drives are mounted independent of the track frames, preventing dozer-imposed shock loads from transferring to vital drivetrain components. Helps extend final drive life, too.

Dura-Trax undercarriage has only one wear-causing forward-travel-loaded flex point. Compare that to the three flex points found on an elevated sprocket undercarriage. Which do you think will last longer?

UNDERCARRIAGE CHOICES

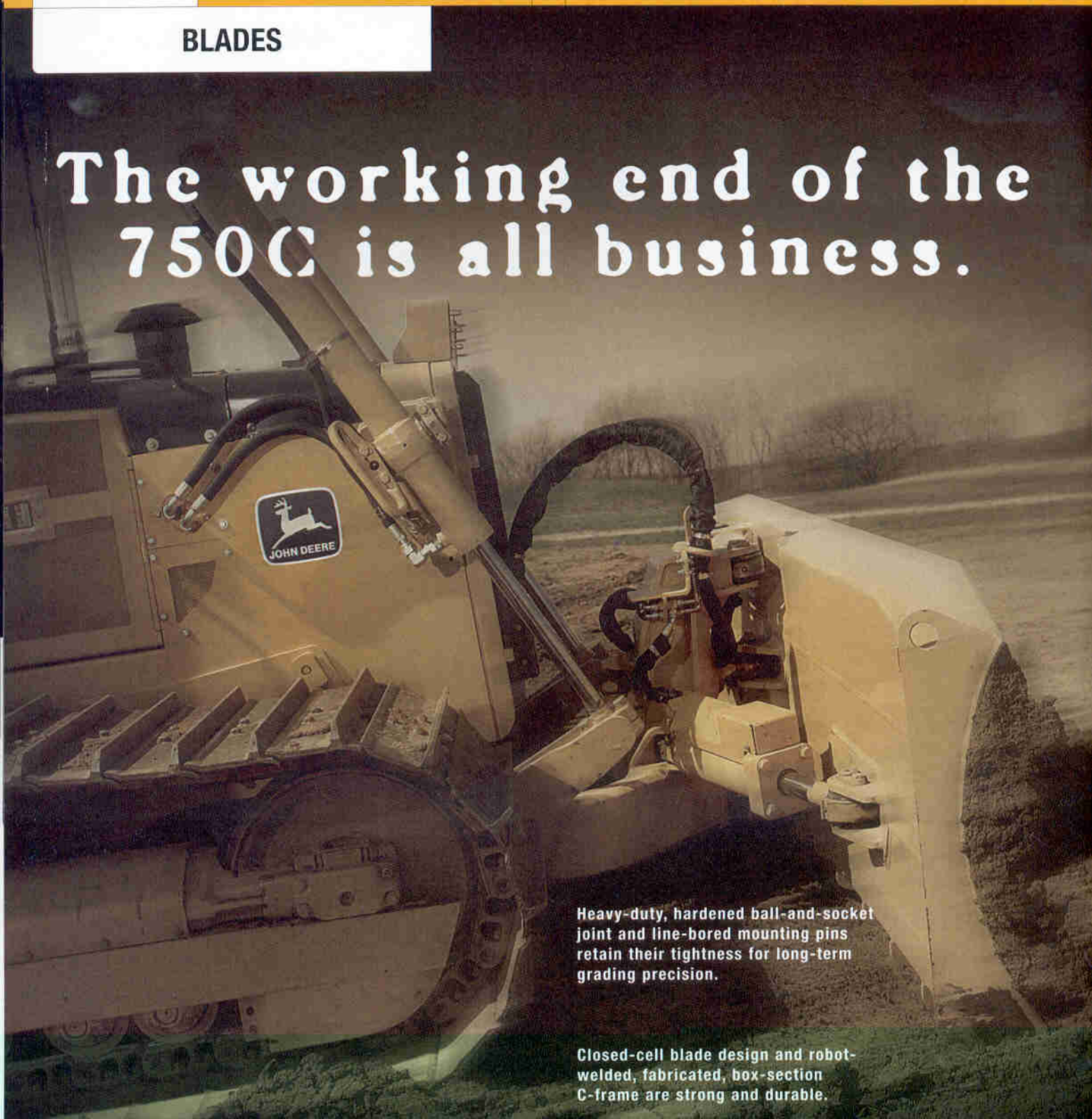
Options include single-bar moderate and extreme-duty grousers and pyramid track shoes.

	22 INCHES	24 INCHES	28 INCHES	34 INCHES
750C LT	X	X		
750C WT				X*
750C LGP			X	X

*Moderate-duty grouser or swamp shoe

BLADES

The working end of the 750C is all business.



Heavy-duty, hardened ball-and-socket joint and line-bored mounting pins retain their tightness for long-term grading precision.

Closed-cell blade design and robot-welded, fabricated, box-section C-frame are strong and durable.

BLADE CHOICES

	ALL-HYDRAULIC PAT	HIGH-PRODUCTION SEMI-U	LOW-PROFILE SEMI-U	MECHANICAL ANGLE	STRAIGHT
750C LT	X	X	X*	X*	X*
750C WT		X	X*		X
750C LGP	X				

*Available through Custom Engineering; see your dealer for details

Spillsheet protects blade pivot points and cylinders, yet allows good visibility over the corners. Angle cylinders are powerful, responsive, and positioned out of the dirt. Cordura-covered hoses are well-protected and supported with a steel cable.

Semi-U dozer's large blade ends penetrate easily, helping overcome side loads and casting material toward the center of the blade. Tall spillsheet and steep curvature get things rolling, letting this blade build and carry large loads.

Cutting edge angle and moldboard shape help shed sticky materials. High heel-clearance gives superior visibility, penetration, and backdragging ability. Reversible cutting edges are standard on all blades.

A dedicated heavy-duty hydraulic pump and expandable open-center valve deliver generous flow and precise metering to the single-lever T-bar control. Blade response is always quick, powerful, and uncompromised.

Not all blades are suited to the same kind of work. That's why we offer you a choice.

Looking for versatility? Specify a 6-way PAT blade on a 750C II long-track, or LGP. Balance, feel, and visibility are excellent, giving you the perfect crawler for everything from backfill to finish grading.

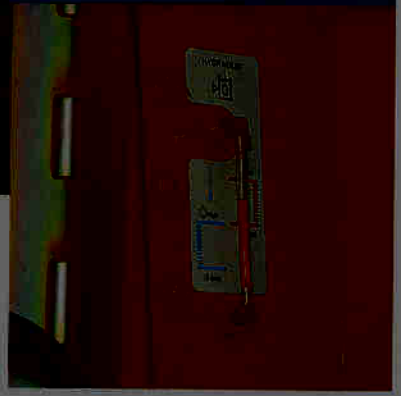
For heavier work such as pioneering, clearing, or pushing scrapers, opt for a semi-U dozer, low-profile semi-U, mechanical angle dozer, or straight blade. Check the chart for options of the specific model you have in mind, then see your dealer.

Open wide and be awed.

Service doors provide wide-open access to dipsticks, fill tubes, and vertical spin-on transmission, hydraulic, and fuel filters. Most daily and periodic powertain service can be accomplished on the right side of the dozer.

Available remote diagnostic test ports allow quick checks of transmission system and charge pressures for easier troubleshooting.

SERVICE



Electrical disconnect switch, batteries, and fuses are conveniently located behind the left-side panel. Sight gauges allow a quick and easy check of hydraulic and drive-system fluid levels.

It's not just operators who benefit from the 750C's many Series II advances. Your service personnel will also appreciate the designed-in diagnostics, quick-to-replace hydraulic hoses, sight gauges, and lockable sideshields and service doors that open wide, simplifying fluid and filter additions and changes.

Perhaps best of all, the 750C II is backed by an extensive dealer network providing CounterParts®, SECURE®, and Oilscan® Plus, as well as numerous other product support programs that help you control costs and stay profitable. To learn more about John Deere's comprehensive Total Repair Cost Management lineup, see your John Deere dealer.

750C

Engine

	750C
Type	John Deere 6068T with altitude-compensating turbocharger
Engine power	140 SAE net hp (104 kW) / 148 SAE gross hp (110 kW) @ 2,100 rpm
Cylinders	6
Displacement	414 cu. in. (6.8 L)
Fuel consumption, typical	3.8 to 5.5 gal./hr. (14.4 to 20.8 L/h)
Maximum net torque	420 lb.-ft. (570 Nm) @ 1,300 rpm
Lubrication	pressure system with full-flow spin-on filter and oil-to-water cooler
Air cleaner	dual stage dry type with safety element, precleaner, and underhood restriction indicator
Electrical system	24 volt with 45-amp alternator
Cooling fan	blower

Transmission

Automatic, dual-path, hydrostatic 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; travel speeds (forward and reverse) infinite to 6.8 mph (0 to 11 km/h); ground-speed selection buttons on single-lever steering and direction control; independently selectable reverse speed ratios 80%, 100%, 115%, or 130% of forward ground speed; decelerator pedal controls ground speed to dead stop

Final Drives

Double-reduction, planetary final drives transfer torque loads over three gear sets; mounted independently of track frames and dozer push frames for isolation from shock loads

Steering

Single-lever steering, speed, and 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

Brakes

Hydrostatic (dynamic) braking stops machine when the direction/steering control lever is moved to neutral, the decelerator is depressed to the end of travel, or the brake pedal is depressed

Automatic Parking Brake

Exclusive safety feature engages wet, multiple-disc brakes whenever the engine stops, whenever the operator applies the brake pedal, or whenever the park lock lever is placed in the start position; machine cannot be driven with brake applied, reducing wear out or need for adjustment

Hydraulic System

System type	open center
Pressure, system relief	2,000 psi (13 790 kPa)
Pump type	gear
Flow	38 gpm (144 L/min.) @ 2,100 rpm
Filter, return oil	10 micron
Control	standard – T-bar, two function / with All-Hydraulic (PAT) dozer blade – T-bar, three function
Cylinders	heat-treated, chrome-plated, polished cylinder rods with hardened steel (replaceable bushings) pivot pins
Cooling	convective oil sump

Capacities (U.S.)	750C LT	750C WT	750C LGP
Fuel tank with lockable cap	74 gal. (280 L)	74 gal. (280 L)	74 gal. (280 L)
Cooling system with recovery tank	7 gal. (26.5 L)	7 gal. (26.5 L)	7 gal. (26.5 L)
Engine oil with spin-on filter	20 qt. (19 L)	20 qt. (19 L)	20 qt. (19 L)
Final drive (each)			
1st reduction	6.25 gal. (23.6 L)	6.25 gal. (23.6 L)	7.35 gal. (27.8 L)
2nd reduction	3.25 gal. (12.3 L)	3.25 gal. (12.3 L)	3.25 gal. (12.3 L)
Hydraulic system reservoir	18 gal. (68 L)	18 gal. (68 L)	18 gal. (68 L)
Hydrostatic transmission reservoir	22 gal. (83.3 L)	22 gal. (83.3 L)	22 gal. (83.3 L)

Undercarriage

Seven-roller track frame with 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; extreme-duty shoes are available (on some models) for severe applications

Chain	sealed and lubed	sealed and lubed	sealed and lubed
Grouser width	22 in. (560 mm)	34 in. (865 mm)	34 in. (865 mm)
Shoes, each side	40	40	42
Ground contact area	4,488 sq. in. (28 955 cm^2)	6,936 sq. in. (44 748 cm^2)	7,446 sq. in. (48 039 cm^2)
Ground pressure	7.1 psi (49.0 kPa) Semi-U / 7.5 psi (51.7 kPa) PAT	4.9 psi (33.6 kPa)	4.9 psi (33.9 kPa)
Length of track on ground	102 in. (2591 mm)	102 in. (2591 mm)	109.5 in. (2781 mm)
Track gauge, standard	74 in. (1880 mm)	74 in. (1880 mm)	82 in. (2083 mm)
Oscillation at front roller	8.9 in. (226 mm)	8.9 in. (226 mm)	11 in. (279 mm)
Track rollers each side	7	7	7
Track pitch	7.5 in. (190 mm)	7.5 in. (190 mm)	7.5 in. (190 mm)

SAE Operating Weights

Base weights were computed for units with standard equipment, rollover protective structures, full fuel tanks, and 175-lb. (79 kg) operators.

	750C LT	750C WT	750C LGP
All-Hydraulic (PAT) Dozer	33,736 lb. (15 335 kg)	N/A	36,576 lb. (16 625 kg)
Semi-U (High Production)	31,712 lb. (14 415 kg)	33,843 lb. (15 383 kg)	N/A
Straight	N/A	33,324 lb. (15 147 kg)	N/A

Refer to the Attachment Guide or see your dealer for details regarding Semi-U (Low Profile), Straight, and Mechanical Angle blades for the 750C LT.

Blade Weights

Includes push beams, trunnion mounts, straight end bits, C-frames, angle and tilt cylinders where applicable.

All-Hydraulic (PAT) Dozer	4,939 lb. (2245 kg)	N/A	5,024 lb. (2284 kg)
Semi-U (High Production)	4,355 lb. (1980 kg)	4,609 lb. (2095 kg)	N/A
Straight	N/A	4,090 lb. (1859 kg)	N/A

Refer to the Attachment Guide or see your dealer for details regarding Semi-U (Low Profile), Straight, and Mechanical Angle blades for the 750C LT.

Blade Capacities

All-Hydraulic (PAT) Dozer	4.60 cu. yd. (3.52 m^3)	N/A	4.84 cu. yd. (3.70 m^3)
Semi-U (High Production)	5.60 cu. yd. (4.28 m^3)	5.60 cu. yd. (4.28 m^3)	N/A
Straight	N/A	3.25 cu. yd. (2.48 m^3)	N/A

Refer to the Attachment Guide or see your dealer for details regarding Semi-U (Low Profile), Straight, and Mechanical Angle blades for the 750C LT.

Optional or Special Equipment

Complete push beam assemblies for straight or semi-U blades, rakes, Stingers®, etc.	1,700 lb. (773 kg)	1,903 lb. (865 kg)	N/A
Complete PAT dozer C-frame assembly	2,834 lb. (1288 kg)	N/A	2,834 lb. (1288 kg)
Tracks – Dura-Trax™ lubricated chain with split master link			
Single-bar grousers			
22-in. (560 mm) moderate duty	5,056 lb. (2298 kg)*	N/A	N/A
22-in. (560 mm) extreme duty	5,400 lb. (2455 kg)	N/A	N/A
24-in. (610 mm) moderate duty	5,340 lb. (2427 kg)	N/A	N/A
28-in. (710 mm) moderate duty			6,322 lb. (2874 kg)
34-in. (865 mm) moderate duty		6,756 lb. (3070 kg)*	7,093 lb. (3224 kg)*
Swamp shoe – 34-in. (865 mm)		6,366 lb. (2894 kg)	N/A
Cab with pressurizer and heater			
Without air conditioner	2,080 lb. (945 kg)	2,080 lb. (945 kg)	2,080 lb. (945 kg)
With air conditioner	256 lb. (116 kg)	256 lb. (116 kg)	256 lb. (116 kg)
Canopy	1,430 lb. (650 kg)*	1,430 lb. (650 kg)*	1,430 lb. (650 kg)*
Rock guard, center section	353 lb. (160 kg)	N/A	N/A
Drawbar, rigid	154 lb. (70 kg)*	154 lb. (70 kg)*	154 lb. (70 kg)*
Drawbar, extended rigid	282 lb. (128 kg)	282 lb. (128 kg)	282 lb. (128 kg)
Limb risers (canopy and cab)	540 lb. (245 kg)	540 lb. (245 kg)	540 lb. (245 kg)
Rear screen (canopy)	75 lb. (34 kg)	75 lb. (34 kg)	75 lb. (34 kg)
Rear screen (cab with air conditioner)	110 lb. (50 kg)	110 lb. (50 kg)	110 lb. (50 kg)
Side screens (canopy and cab)	70 lb. (32 kg)	70 lb. (32 kg)	70 lb. (32 kg)
Door and front screens (canopy and cab)	200 lb. (91 kg)	200 lb. (91 kg)	200 lb. (91 kg)
Cylinder hose guards	65 lb. (30 kg)	65 lb. (30 kg)	65 lb. (30 kg)
Prescreener guard	15 lb. (7 kg)	15 lb. (7 kg)	15 lb. (7 kg)
Track cleaner bars, front	275 lb. (125 kg)	N/A	N/A
Track cleaner bars, rear	475 lb. (216 kg)	N/A	N/A
Tank guard 950 lb. (432 kg)	950 lb. (432 kg)	950 lb. (432 kg)	
Lift cylinder guards	120 lb. (55 kg)	120 lb. (55 kg)	120 lb. (55 kg)
Extreme-service bottom guard	280 lb. (127 kg)	280 lb. (127 kg)	280 lb. (127 kg)
Heavy-duty transverse case cover with doors	698 lb. (317 kg)	698 lb. (317 kg)	698 lb. (317 kg)

*Included in SAE operating weight.

Dimensions

	A Overall height to roof	Overall height to exhaust stack	B Tread depth with single-bar grousers		Tread depth with swamp shoes	C Ground clearance with grousers (excludes grouser height)*
			Moderate duty	*Extreme duty*		
750C LT	120.7 in. (3065 mm)	124.6 in. (3165 mm)	2.2 in. (56 mm)	2.7 in. (68 mm)		14.6 in. (371 mm)
750C WT	120.7 in. (3065 mm)	124.6 in. (3165 mm)	2.2 in. (56 mm)		3.15 in. (80 mm)	14.6 in. (371 mm)
750C LGP	120.7 in. (3065 mm)	124.6 in. (3165 mm)	2.2 in. (56 mm)			14.6 in. (371 mm)

*Swamp shoes add 2.6 in. (66 mm).

	D Blade width	E Blade height	F Blade lift height	G Blade digging depth	H Blade tilt (uses tilt jack)	I Overall length with blade	J Overall width with blade angled
750C LT							
All-Hydraulic (PAT) Dozer	129.3 in. (3283 mm)	47.0 in. (1193 mm)	35.4 in. (899 mm)	33.4 in. (848 mm)	16.2 in. (413 mm)	195.1 in. (4955 mm)**	118.5 in. (3011 mm)
Semi-U (High Production)	126.6 in. (3216 mm)	50.5 in. (1283 mm)	42.2 in. (1072 mm)	20.2 in. (513 mm)	27.6 in. (700 mm)	197.3 in. (5011 mm)*	N/A

*Optional extended drawbar adds 7 in. (176 mm).
**Optional extended drawbar adds 8.9 in. (223 mm).

	D Blade width	E Blade height	F Blade lift height	G Blade digging depth	H Blade tilt (uses tilt jack)	I Overall length with blade	J Overall width with blade angled
750C WT							
Semi-U (Low Profile) blade available through Custom Engineering.							
Semi-U (High Production)	144.0 in. (3658 mm)	45.0 in. (1143 mm)	42.2 in. (1072 mm)	20.2 in. (513 mm)	37.6 in. (955 mm)	197.3 in. (5011 mm)*	N/A
Straight	132.4 in. (3363 mm)	38.4 in. (976 mm)	42.2 in. (1072 mm)	20.2 in. (513 mm)	34.6 in. (878 mm)	195.1 in. (4956 mm)**	N/A

*Optional extended drawbar adds 7 in. (176 mm).
**Optional extended drawbar adds 8.9 in. (223 mm).

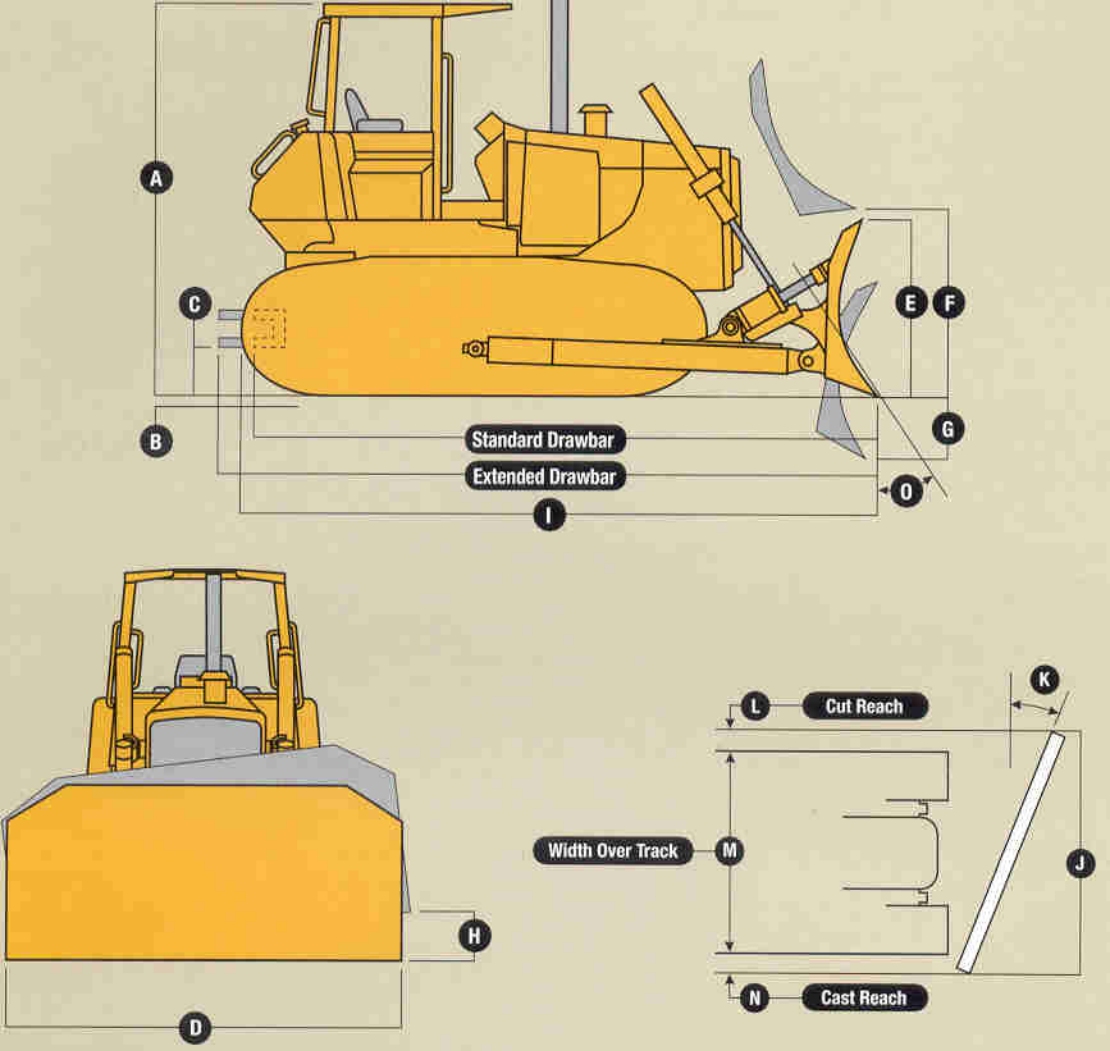
	D Blade width	E Blade height	F Blade lift height	G Blade digging depth	H Blade tilt (uses tilt jack)	I Overall length with blade	J Overall width with blade angled
750C LGP							
All-Hydraulic (PAT) Dozer	152.0 in. (3861 mm)	45.0 in. (1143 mm)	35.4 in. (899 mm)	33.4 in. (848 mm)	19.1 in. (484 mm)	193.5 in. (4916 mm)**	139.4 in. (3541 mm)

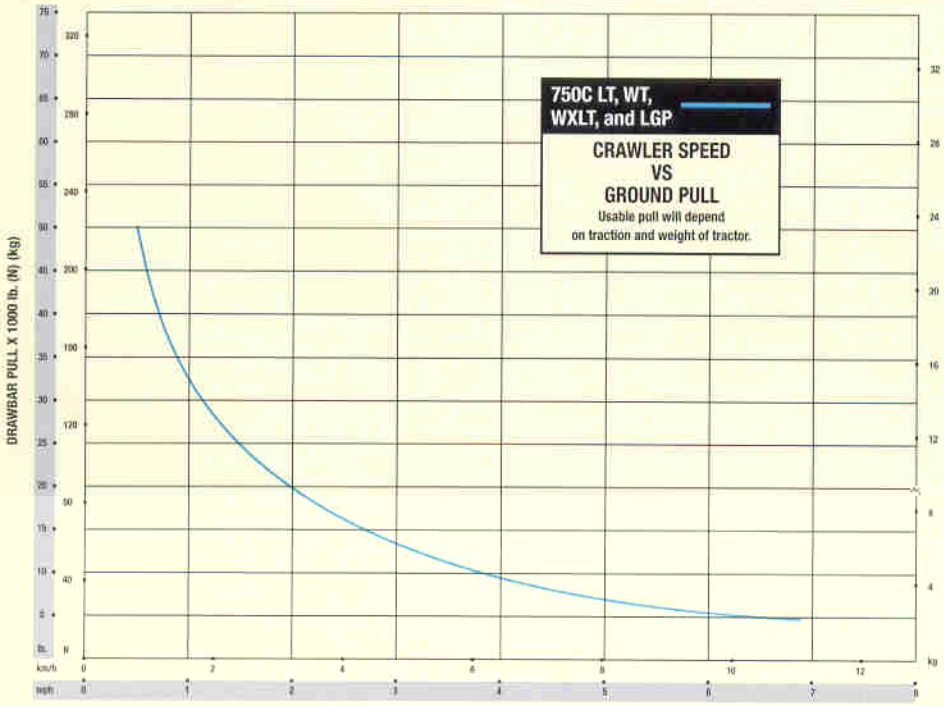
**Optional extended drawbar adds 8.9 in. (223 mm).

	K Blade angle	L Cut reach	M Width over track	N Cast reach	O Cutting edge angle
750C LT					
All-Hydraulic (PAT) Dozer	24 degrees	3.5 in. (89 m)	96 in. (2438 m)	12.8 in. (326 m)	58 degrees
750C LGP					
All-Hydraulic (PAT) Dozer	24 degrees	5.7 in. (144 mm)	116 in. (2946 mm)	14.4 in. (366 mm)	60 degrees

Drawbar Pull

	750C
Maximum	51,000 lb. (227 kN)
At 1.2 mph (1.9 km/h)	31,800 lb. (141 kN)
At 2.0 mph (3.2 km/h)	20,200 lb. (90 kN)


A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
Standard Drawbar
Extended Drawbar
Cut Reach
Width Over Track
Cast Reach


750C LT, WT, WXLT, and LGP
CRAWLER SPEED
VS
GROUND PULL
Usable pull will depend on traction and weight of tractor.
DRAWBAR PULL X 1000 lb. (N) (kg)
lb.
N
km/h
mph
kg

Additional Equipment

Key: ● Standard equipment ▲ Optional or special equipment

See your John Deere dealer for further information.

LT WT LGP Engine

- ● ● ● Air cleaner, dual-stage aspirated type
- ● ● ● Air cleaner restriction indicator
- ● ● ● Blower fan
- ● ● ● Coolant recovery tank
- ● ● ● Electric ether start aid
- ● ● ● Enclosed safety fan guard (conforms to SAE J1308)
- ● ● ● Engine coolant –34°F (–37°C)
- ● ● ● Oil-to-water engine oil cooler
- ● ● ● Precleaner
- ● ● ● Spin-on fuel filter
- ● ● ● Trash-resistant radiator
- ● ● ● Turbocharger
- ● ● ● Underhood muffler with vertical exhaust stack
- ● ● ● Water separator
- ▲ ▲ ▲ Engine coolant heater, 1,000 watts, 120 volts
- ▲ ▲ ▲ Prescreener guard
- ▲ ▲ ▲ Radiator sand screen
- ▲ ▲ ▲ Reversible fan
- ▲ ▲ ▲ Chrome exhaust stack

Power Train

- ● ● ● Automatic applied, hydrostatic-released park brake, pedal operated
- ● ● ● Oil-to-air transmission cooler
- ● ● ● Dual-path hydrostatic transmission
- ● ● ● Guard, built-in final drive seal
- ● ● ● Transmission neutral lock with safety start switch
- ● ● ● Transmission diagnostic test ports
- ▲ ▲ ▲ Remote transmission diagnostic test ports
- ▲ ▲ ▲ Winch drive

Electrical

- ● ● ● Dual 12-volt low-maintenance batteries, 190-min. reserve capacity, 950 CCA
- ● ● ● Bypass start safety cover at starter
- ● ● ● Master electrical disconnect switch, lockable

Hydraulic System

- ● ● ● Lift cylinders
- ● ● ● "O" ring face seal fittings
- ● ● ● Quick-drop hydraulic valve
- ▲ ▲ ● All-Hydraulic (PAT) dozer blade with grille "up-loop" plumbing
- ● ● Two-spool hydraulic system
- ▲ ▲ ● Three-spool hydraulic system
- ▲ ▲ Four-spool hydraulic system
- ▲ ▲ ▲ Auxiliary hydraulic lines to rear
- ▲ ▲ ▲ Oil sampling test kit

Undercarriage

- ● ● Chain guides
- ● ● ● Front idler and bolt-on sprocket chain guides
- ● ● ● Sealed and lubricated chain
- ● ● ● Oscillating track-frame system

LT WT LGP Undercarriage *(continued)*

- ● 22-in. (560 mm) moderate-duty single-bar grouser tracks, Dura-Trax™ lubricated chain with split master link
- ▲ 22-in. (560 mm) extreme-duty single-bar grouser tracks, Dura-Trax lubricated chain with split master link
- ▲ 24-in. (610 mm) moderate-duty single-bar grouser tracks, Dura-Trax lubricated chain with split master link
- ▲ 28-in. (710 mm) moderate-duty single-bar grouser tracks, Dura-Trax lubricated chain with split master link
- ● ● 34-in. (865 mm) moderate-duty single-bar grouser tracks, Dura-Trax lubricated chain with split master link
- ▲ 34-in. (865 mm) swamp shoe tracks, Dura-Trax lubricated chain with split master link*
- ▲ Bolt-on full-length rock guards

Lights

- ● ● ● Two front driving/working and one rear working halogen, 33,000 candlepower (375 737 lux each)

Operator's Station

- ● ● ● Built-in diagnostics – Fault code retrieval / Onboard diagnostics for monitors, controller(s), wiring, gauges, sensors, etc.
- ● ● ● Built-in Operator's Manual storage compartment and manual
- ● ● ● Modular design canopy (conforms to SAE J1040)
- ▲ ▲ ▲ Cab – Air conditioning, 33,000 Btu* / Fresh air intake heater/pressurizer, 400 CFM, 40,000 Btu/hr. (11.7 kW) (conforms to SAE J1503, J1535D) / Front window and two door windshield wipers/washers
- ● ● ● Deluxe suspension vinyl seat – Adjustable armrests, thigh support, backrest, height/weight, and fore-aft (conforms to SAE J899)
- ● ● ● Deluxe suspension cloth seat
- ● ● ● Deluxe air suspension vinyl and cloth seat
- ● ● ● Electronic monitor system with audible and visual warning – Air restriction / Coolant temperature / Engine oil pressure / Ether injection on / Fasten seat belt / Hydraulic filter restriction / Low alternator voltage / Transmission filter restriction / Transmission malfunction / Transmission return to neutral / Transmission temperature
- ● ● ● Engine rpm digital display (selectable)
- ● ● ● Floormat
- ● ● ● Fuel gauge, electric, illuminated
- ● ● ● Ground-speed decelerator (engine and transmission)

LT WT LGP Operator's Station *(continued)*

- ● ● ● Headliner for canopy
- ● ● ● Horn, electric (conforms to SAE J994, J1446)
- ● ● ● Hourmeter, electric, illuminated (selectable)
- ● ● ● Interior-mounted rearview mirror (conforms to SAE J985)
- ● ● ● Key start switch with electric fuel shutoff
- ● ● ● Lunch-box storage
- ● ● ● Parking brake, single-lever activation
- ▲ ▲ ▲ Protection package, full vehicle – Brush screens, heavy-duty / Guards, tank protection / Limb risers, arched
- ● ● ● Reverse ratio – user selectable at 80%, 100%, 115%, or 130% of forward speed
- ● ● ● Seat belt, 3 in. (76 mm), with retractors (conforms to SAE J386)
- ● ● ● Single-lever steering, direction, and ground-speed control with selectable ground-speed and horn controls integrated in "T" handle
- ● ● ● Tool storage, lockable
- ● ● ● Voltmeter digital display (selectable)

Overall Vehicle

- ● ● ● Front tow hook
- ● ● ● Heavy-duty, hinged, bar-type grille
- ● ● ● Perforated engine side shields
- ● ● ● Rear service doors, lockable
- ● ● ● Reverse alarm – Switchable to 97 dB(A) or 111 dB(A) (conforms to SAE J994, J1446)
- ● ● ● Vandal protection – Engine access door / Fuel tank cap / Rear service doors / Instrument panel
- ▲ ▲ ▲ Cupped end bits (except All-Hydraulic [PAT] dozer blades)
- ▲ ▲ ▲ Straight end bits
- ▲ ● All-Hydraulic (PAT) dozer blade (included in SAE operating weight)
- ● ● Semi-U (High Production) dozer blade (included in SAE operating weight)
- ▲ Straight dozer blade (included in SAE operating weight – see your John Deere dealer for 750C LT application)
- ● ● ● Tilt cylinder hose protection
- ▲ Blade trash rack
- ▲ ▲ ▲ Environmental fluid drains
- ▲ ▲ ▲ Extended rigid drawbar with pin for pull-type implements
- ▲ ▲ ▲ Heavy-duty transverse case cover
- ▲ ▲ ▲ Perforated hood for trash environments
- ▲ ▲ ▲ Rigid drawbar with pin
- ▲ Trash bars front and rear

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at standard conditions per SAE J1349 and DIN 6270B, using No. 2-D fuel at 35 API gravity. No derating is required up to 10,000-ft. (3050 m) altitude. Gross power is without cooling fan.

Also available: winches, fair-leads, log arches, skidding grapples, trash packages, landfill protection packages, cable plows, side booms, field-installed cab for canopy, canopy heater, and fire suppression systems.

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 units with rollover protective structures, full fuel tanks, 175-lb. (79 kg) operators, and standard equipment; 750C LT unit with 22-in. (560 mm) moderate-duty grousers, rigid drawbar, and Semi-U (High-Production) blade; and 750C WT and LGP units with 34-in. (865 mm) single-bar grousers and rigid drawbars.

KA750CII Litho in U.S.A. (00-10)