DOZERS OVER 100 HP

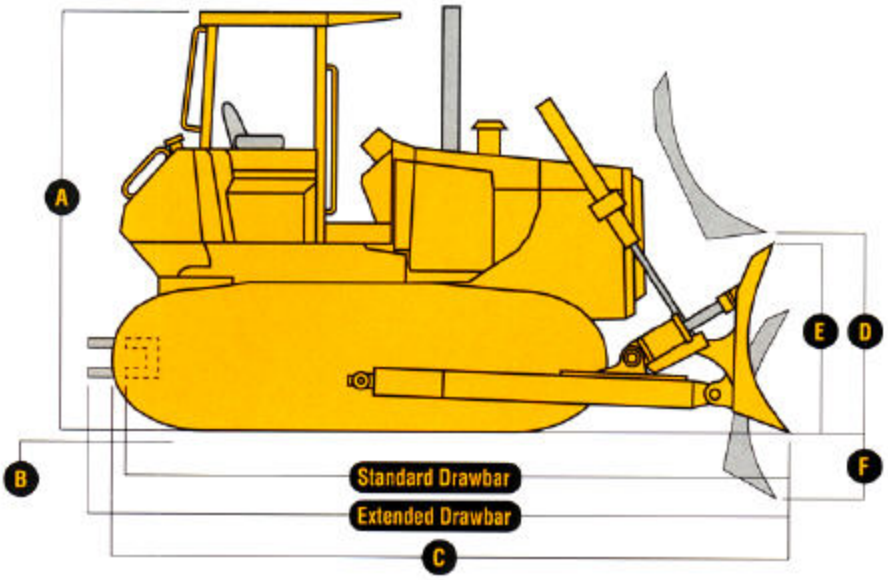
750C 850C

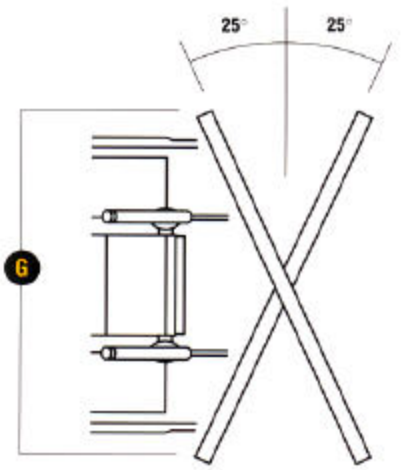
The choice of experience

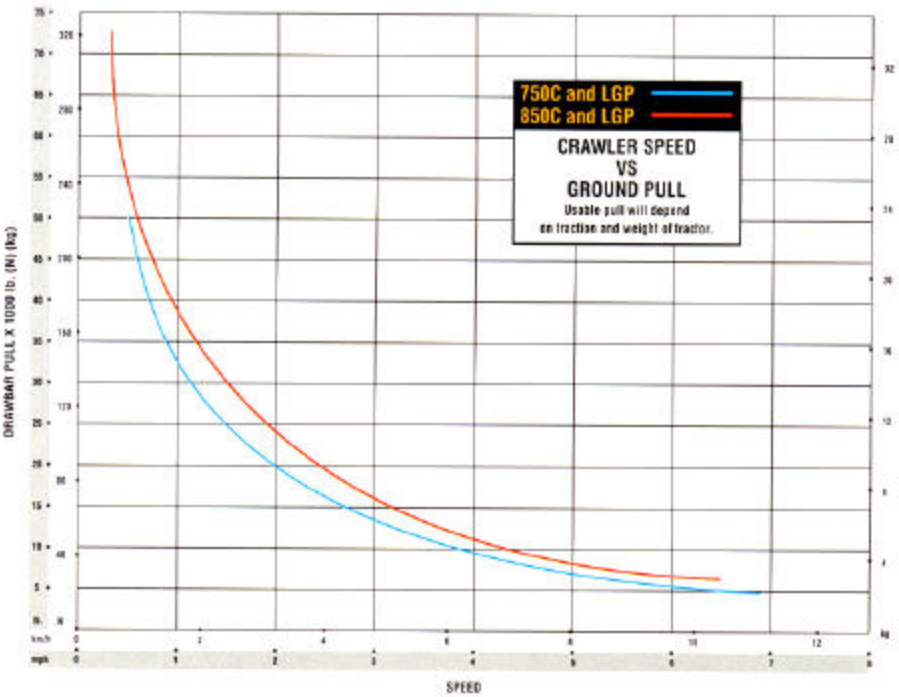
Experience. There's nothing like it for learning what works and what won't. And we've learned lots during our 20-plus years of building construction crawlers.

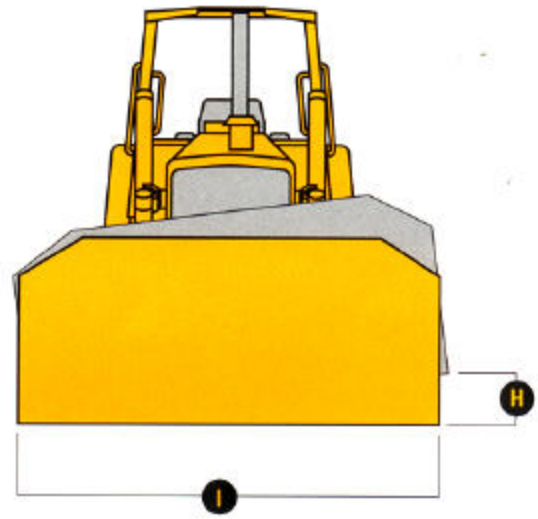
Our C-Series Dozers are the result of hundreds of thousands of hours of work on jobsites worldwide. We kept the features you liked best and refined the rest to make these our most reliable, productive, and operator-friendly dozers ever.

The bold styling of the 750C and 850C is as functional as it is appealing, providing unobstructed









DRAWBAR PULL	750C	750C LGP	850C	850C LGP
At 1.2 mph (1.9 km/h)	31,800 lb. (141 kN)	31,800 lb. (141 kN)	35,200 lb. (156 kN)	35,200 lb. (156 kN)
At 2.0 mph (3.2 km/h)	20,200 lb. (90 kN)	20,200 lb. (90 kN)	25,300 lb. (112 kN)	25,300 lb. (112 kN)
OPTIONAL OR SPECIAL EQUIPMENT WITH WEIGHTS				
Cab with pressurizer, heater, and 50-amp alternator	902 lb. (347 kg)	902 lb. (347 kg)	902 lb. (347 kg)	902 lb. (347 kg)
Air conditioner	185 lb. (84 kg)	185 lb. (84 kg)	185 lb. (84 kg)	185 lb. (84 kg)
Drawbar, rigid	154 lb. (70 kg)*	154 lb. (70 kg)*	113 lb. (57 kg)	113 lb. (51 kg)*
Drawbar, extended rigid	282 lb. (128 kg)	282 lb. (128 kg)	282 lb. (128 kg)*	282 lb. (128 kg)
Rock guard, center section	353 lb. (160 kg)		443 lb. (201 kg)*	
Tracks				
Dura-Trax lubricated chain with split master link				
22-in. (460 mm) moderate duty			– 847 lb. (– 384 kg)	
22-in. (460 mm) extreme duty	326 lb. (148 kg)		– 335 lb. (– 152 kg)	
24-in. (600 mm) moderate duty	238 lb. (108 kg)		– 573 lb. (– 260 kg)	
34-in. (865 mm) swamp shoes		– 357 lb. (– 162 kg)		
36-in. (914 mm) swamp shoes				– 1,235 lb. (– 560 kg)
Transverse case cover			– 944 lb. (– 428 kg)	

* Included in operating weight.

DIMENSIONS	750C	750C LGP	850C	850C LGP
A Overall height to roof	120.7 in. (3065 mm)	120.7 in. (3065 mm)	124.0 in. (3151 mm)	124.0 in. (3151 mm)
Overall height to exhaust stack	124.6 in. (3115 mm)	124.6 in. (3115 mm)	124.8 in. (3119 mm)	124.8 in. (3119 mm)
B Tread depth				
With single-bar grouser	2.2 in. (56 mm)	2.2 in. (56 mm)	2.6 in. (65 mm)	2.6 in. (65 mm)
With swamp shoe	3.15 in. (80 mm)			3.66 in. (93 mm)

C-SERIES BLADE SPECS

Straight Blade				
C Overall length with blade	195.1 in. (4877 mm)*	195.1 in. (4877 mm)**	207.1 in. (5177 mm)*	219.4 in. (5485 mm)**
D Blade lift height	42.2 in. (1072 mm)	42.2 in. (1072 mm)	43.3 in. (1100 mm)	42.5 in. (1080 mm)
E Blade height	38.4 in. (976 mm)	38.4 in. (976 mm)	44.5 in. (1130 mm)	42.0 in. (1067 mm)
F Digging depth	20.2 in. (513 mm)	20.2 in. (513 mm)	20.2 in. (513 mm)	16.9 in. (429 mm)
G Overall width with blade (includes cupped end bit)	120.4 in. (3058 mm)	132.4 in. (3363 mm)	123.0 in. (3124 mm)	152 in. (3861 mm)
H Maximum tilt (uses tilt jack)	26.2 in. (666 mm)	34.6 in. (878 mm)	27.6 in. (700 mm)	35.9 in. (912 mm)
I Blade width	120.4 in. (3058 mm)	132.4 in. (3363 mm)	123.0 in. (3124 mm)	152 in. (3861 mm)
Blade capacity	2.95 cu. yd. (2.26 m³)	3.25 cu. yd. (2.48 m³)	4.01 cu. yd. (3.07 m³)	4.47 cu. yd. (3.42 m³)
Option weight	3,744 lb. (1698 kg)	4,090 lb. (1855 kg)	4,459 lb. (2022 kg)	5,213 lb. (2364 kg)
Total machine weight	31,102 lb. (14 105 kg)	33,324 lb. (15 113 kg)	39,366 lb. (17 853 kg)	42,691 lb. (19 361 kg)
Semi-U (High-Production) Blade				
C Overall length with blade	197.3 in. (4932 mm)*		210.5 in. (5262 mm)*	
D Blade lift height	42.2 in. (1072 mm)		43.3 in. (1100 mm)	
E Blade height	50.5 in. (1283 mm)		56.5 in. (1435 mm)	
F Digging depth	20.2 in. (513 mm)		20.2 in. (513 mm)	
G Overall width with blade (includes cupped end bit)	126.6 in. (3216 mm)		128.3 in. (3259 mm)	
H Maximum tilt (uses tilt jack)	27.6 in. (700 mm)		28.7 in. (730 mm)	
I Blade width	126.6 in. (3216 mm)		128.3 in. (3259 mm)	
Blade capacity	5.60 cu. yd. (4.28 m³)		7.09 cu. yd. (5.42 m³)	
Option weight	4,355 lb. (1975 kg)		5,135 lb. (2329 kg)	
Total machine weight	31,712 lb. (14 382 kg)		40,043 lb. (18 160 kg)	
Semi-U (Low-Profile) Blade				
C Overall length with blade	197.4 in. (4934 mm)*		210.6 in. (5265 mm)*	
D Blade lift height	42.2 in. (1072 mm)		43.3 in. (1100 mm)	
E Blade height	43.3 in. (1100 mm)		46.4 in. (1179 mm)	
F Digging depth	20.2 in. (513 mm)		20.2 in. (513 mm)	
G Overall width with blade (includes cupped end bit)	126.6 in. (3216 mm)		137.8 in. (3500 mm)	
H Maximum tilt (uses tilt jack)	27.6 in. (700 mm)		31.0 in. (787 mm)	
I Blade width	126.6 in. (3216 mm)		137.8 in. (3500 mm)	
Blade capacity	4.37 cu. yd. (3.34 m³)		5.45 cu. yd. (4.17 m³)	
Option weight	4,225 lb. (1916 kg)		5,020 lb. (2277 kg)	
Total machine weight	31,585 lb. (14 324 kg)		39,929 lb. (18 108 kg)	
Angle Dozer Blade				
C Overall length with blade	196.8 in. (4921 mm)*		211.1 in. (5277 mm)*	
D Blade lift height	39.3 in. (998 mm)		38.8 in. (985 mm)	
E Blade height	38.4 in. (976 mm)		40.3 in. (1024 mm)	
F Digging depth	23.8 in. (604 mm)		18.7 in. (475 mm)	
G Overall width with blade angled (includes cupped end bit)	135.6 in. (3444 mm)		138.0 in. (3505 mm)	
H Maximum tilt (uses tilt jack)	12.8 in. (324 mm)		13.2 in. (336 mm)	
I Blade width	149.5 in. (3797 mm)		152.0 in. (3861 mm)	
Blade capacity	3.37 cu. yd. (2.88 m³)		3.77 cu. yd. (2.88 m³)	
Option weight	4,575 lb. (2075 kg)		5,157 lb. (2339 kg)	
Total machine weight	31,935 lb. (14 483 kg)		40,064 lb. (18 170 kg)	
All-Hydraulic Dozer Blade* **				
C Overall length with blade	205.2 in. (5131 mm)*			
D Blade lift height	36.8 in. (936 mm)			
E Blade height	40.0 in. (1016 mm)			
F Digging depth	30.0 in. (762 mm)			
G Overall width with blade angled (includes cupped end bit)	116.0 in. (2946 mm)			
H Maximum tilt (uses tilt jack)	14.3 in. (362 mm)			
I Blade width	126.4 in. (3210 mm)			
Blade capacity	3.18 cu. yd. (2.43 m³)			
Option weight	5,820 lb. (2640 kg)			
Total machine weight	33,441 lb. (15 166 kg)			

* The optional extended drawbar adds 8.9 in. (223 mm) to 750C and 10.1 in. (253 mm) to 850C overall length with blade.

** The optional extended drawbar adds 8.9 in. (223 mm) to 750C LGP and 7 in. (176 mm) to 850C LGP overall length with blade.

*** All-Hydraulic Dozer Blade for the 850C available through Custom Engineering.

	750C	750C LGP	850C	850C LGP
ENGINE				
Type	John Deere 6068T with altitude-compensating turbocharger	John Deere 6068T with altitude-compensating turbocharger	John Deere 6076A with altitude-compensating and aftercooled turbocharger	John Deere 6076A with altitude-compensating and aftercooled turbocharger
Engine power	140 SAE net hp (104 kW) / 148 SAE gross hp (110 kW) @ 2,100 rpm	140 SAE net hp (104 kW) / 148 SAE gross hp (110 kW) @ 2,100 rpm	180 SAE net hp (134 kW) / 185 SAE gross hp (138 kW) @ 1,800 rpm	180 SAE net hp (134 kW) / 185 SAE gross hp (138 kW) @ 1,800 rpm
Cylinders	6	6	6	6
Displacement	414 cu. in. (6.785 L)	414 cu. in. (6.785 L)	466 cu. in. (7.638 L)	466 cu. in. (7.638 L)
Fuel consumption, typical	3.8 to 5.5 gal./hr. (14.4 to 20.8 L/h)	3.8 to 5.5 gal./hr. (14.4 to 20.8 L/h)	4.3 to 5.3 gal./hr. (16.3 to 20.0 L/h)	4.5 to 6.8 gal./hr. (17.1 to 25.8 L/h)
Maximum net torque	420 lb.-ft. (570 Nm) @ 1,300 rpm	420 lb.-ft. (570 Nm) @ 1,300 rpm	578 lb.-ft. (784 Nm) @ 1,300 rpm	578 lb.-ft. (784 Nm) @ 1,300 rpm
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	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	dual stage dry type with safety element, precleaner, and underhood restriction indicator	dual stage dry type with safety element, precleaner, and underhood restriction indicator	dual stage dry type with safety element, precleaner, and underhood restriction indicator
Electrical system	24 volt with 40-amp alternator	24 volt with 40-amp alternator	24 volt with 40-amp alternator	24 volt with 40-amp alternator
Cooling fan	blower	blower	blower	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)	infinite to 6.8 mph (0 to 11 km/h)	infinite to 6.8 mph (0 to 11 km/h)	infinite to 6.8 mph (0 to 11 km/h)
FINAL DRIVES	double-reduction, planetary final drives transfer torque loads over three gear sets instead of one; mounted independently of the track frames to isolate them from shock loads for increased life and reliability			
BRAKES	hydrostatic (dynamic) braking stops the machine when the direction/steering control lever is moved to neutral; wet, multi-disk parking brakes are automatically applied when the engine stops, or operator applied when the center brake pedal is engaged			
STEERING	single lever steering and direction control with decelerator or optional steering pedals and U-pattern FNR lever without decelerator; full power turns, counterrotation, and infinitely variable track speeds provide unlimited maneuverability and optimum control; hydrostatic steering eliminates steering clutches and brakes			
HYDRAULIC SYSTEM				
System	open center	open center	open center	open center
Pressure, system relief	2,250 psi (15 514 kPa)	2,250 psi (15 514 kPa)	2,250 psi (15 514 kPa)	2,250 psi (15 514 kPa)
Pump	gear	gear	gear	gear
Flow	38 gpm (144 L/min.) @ 2,100 rpm	38 gpm (144 L/min.) @ 2,100 rpm	44 gpm (166 L/min.) @ 2,100 rpm	44 gpm (166 L/min.) @ 2,100 rpm
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 for severe applications			
Grouser	22 in. (560 mm)	34 in. (865 mm)	24 in. (610 mm)	38 in. (965 mm)
Shoes, each side	40 *With 22-in. (560 mm) shoes*	40 *With 34-in. (865 mm) shoes*	40 *With 24-in. (610 mm) shoes*	43 *With 38-in. (965 mm) shoes*
Ground contact area	4,488 sq. in. (28 952 cm²)	6,923 sq. in. (44 669 cm²)	5,200 sq. in. (33 550 cm²)	9,151 sq. in. (59 039 cm²)
Ground pressure	7.1 psi (49 kPa)	4.81 psi (33.2 kPa)	7.7 psi (53.1 kPa)	4.67 psi (32.17 kPa)
Ground clearance, minimum				
With single-bar grouser (excluding grouser height)	14 in. (356 mm)	14 in. (356 mm)	16.4 in. (417 mm)	16.0 in. (406 mm)
With swamp shoe (including grouser height)	17.2 in. (437 mm)			19.3 in. (490 mm)
Length of track on ground	102 in. (2591 mm)	102 in. (2591 mm)	108 in. (2743 mm)	120 in. (3048 mm)
Track gauge, standard	74 in. (1880 mm)	74 in. (1880 mm)	74 in. (1880 mm)	88 in. (2235 mm)
Oscillation (at front idler)	11.5 in. (292 mm)	11.5 in. (292 mm)	11.5 in. (292 mm)	15.7 in. (399 mm)
Carrier rollers each side	2	2	2	2
Adjustment	hydraulic	hydraulic	hydraulic	hydraulic
CAPACITIES (U.S.)				
Fuel tank with lockable cap	74 gal. (280.1 L)	74 gal. (280.1 L)	92 gal. (348 L)	92 gal. (348 L)
Cooling system with coolant recovery tank	7 gal. (26.5 L)	7 gal. (26.5 L)	9 gal. (34 L)	9 gal. (34 L)
Engine oil including spin-on filter	20 qt. (19 L)	20 qt. (19 L)	34 qt. (32.2 L)	36.5 qt. (34.5 L)
Final drive (each)				
1st reduction	7.5 gal. (28.4 L)	7.5 gal. (28.4 L)	4.5 gal. (17 L)	9 gal. (34 L)
2nd reduction	3.5 gal. (13.2 L)	3.5 gal. (13.2 L)	3.5 gal. (13.2 L)	3.5 gal. (13.2 L)
Hydraulic system including vertical spin-on filter in filter center	37 gal. (140.1 L)	37 gal. (140.1 L)	42 gal. (159 L)	42 gal. (159 L)
Hydrostatic drives	29 gal. (109.8 L)	29 gal. (109.8 L)	34 gal. (129 L)	34 gal. (129 L)
OPERATING WEIGHTS				
Standard	31,712 lb. (14 382 kg)	33,324 lb. (15 113 kg)	40,043 lb. (18 160 kg)	42,691 lb. (19 361 kg)

With the C-Series, the possibilities are nearly endless

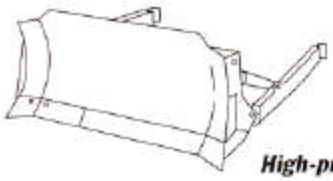
It's probably obvious to you by now that a 750C or 850C isn't just another crawler. Their highly adaptable drivetrains not only provide unparalleled maneuverability and ease of operation, but seemingly endless flexibility as well.

Add to that any of the numerous blade options and other attachments, and it's easy for these new dozers to become all things to all people.

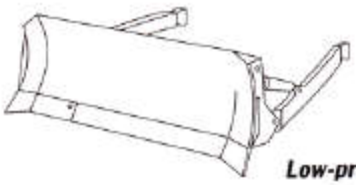
The next step is up to you. So make the right move—to your John Deere dealer. And a C-Series Dozer.

BULLDOZER CHOICES

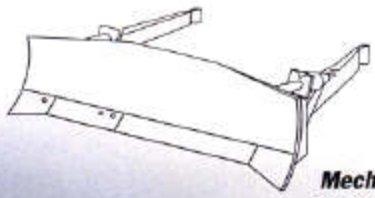
Power-angle-tilt (PAT)



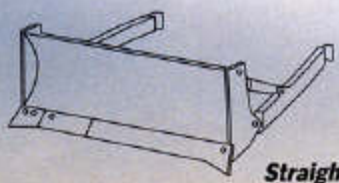
High-production semi-U



Low-profile semi-U



Mechanical angle



Straight

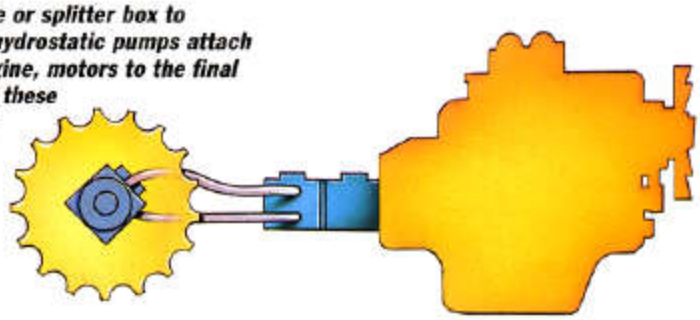
If you're impressed with the changes on the outside of these dozers, wait until you discover what lies beneath the sheet metal. And how easy it is to get there.

In about the time it takes to down a coffee and a donut, the cab/operator platform can be tilted to the left, giving even tall technicians plenty of elbow room. With the drivetrain fully exposed, troubleshooting and repair can be accomplished more quickly. Think of the effect that'll have on flat rate repair costs.

Your oilers will appreciate the added convenience, too. Sight gauges, easy-access grease zerks, fuel and hydraulic tanks, and same-side service points all help speed daily servicing. What's more, hydraulic and drive systems utilize the same type of oil, further simplifying fluid changes.

Microprocessor-controlled monitor also serves as a diagnostic aid, helping trace electrical faults in engine and transmission control systems. If a problem develops, the fault code is displayed until corrected, and operation continues. If a major malfunction occurs, operation is either restricted to ½ mph (1.6 km/h) or completely shut down, depending on severity.

No U-joints to lube or splitter box to service. Instead, hydrostatic pumps attach directly to the engine, motors to the final drives. Separating these components eliminates periodic maintenance. Ends the high-pitch whine, too.



Flat-face O-ring seal couplings virtually eliminate aggravating and costly oil leaks.

Open wide and be awed

You don't need to crawl all over these crawlers to service them. Most daily and periodic check points are conveniently grouped and ground-accessible, making additions and changes easier to accomplish.

Track pad options include moderate, extreme-duty, and pyramid track shoes from 22- to 38-inches (559- to 965-mm) wide.

Through-hardened, boron-steel overlapping shoes fasten to the chain with the grousers nearly in-line with pin/bushing joints. This virtually eliminates back-bending and scrubbing, lengthens shoe life.

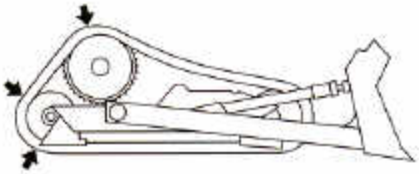
No need for an elevated sprocket here. Double-reduction planetary final drives are mounted independent of the track frames, preventing dozer-imposed shock loads from transferring to vital drivetrain components. Helps extend final drive life, too.

Solid steel track frames form a strong working base. Two large recoil springs absorb impacts. Track sag is adjusted with a grease gun.

Heavy-duty fabricated crossbar absorbs shocks and regulates track oscillation to 11½ inches (292 mm). For smooth moves on rough terrain.

Traditional undercarriage designs such as this one have only one wear-causing forward-travel-loaded flex point.

Compare that to the three flex points found on elevated sprocket undercarriage, then decide. Which do you think will last longer?



Check the specs. C-Series Crawlers put plenty of track on the ground for solid stability on slopes, ground-gripping traction, and balanced bladework.

How the C-Series' bottom-line helps enhance yours

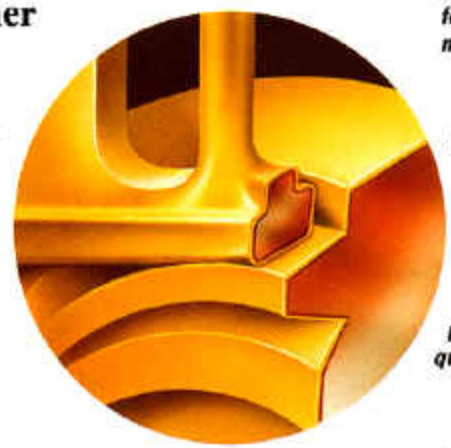
No, the secret of long track life may not be rocket science, but it is a science. It's called metallurgy. And it's a subject in which we excel.

Proud as we are of our metals moxie, we'll spare a drawn-out dissertation on the subject. Instead, let's get to the core of the matter.

A John Deere Dura-Trax™ undercarriage lasts longer because the metal is tougher and there's more of it. Nothing secret or proprietary about that. It's a successful formula other manufacturers could employ. But the fact is, most don't.

When you know how they're built it's easy to see how our Dura-Trax design helps control undercarriage maintenance costs.

Strutted track links are forged from boron-steel alloys. Boron steel permits heat-treating beyond the 100 percent wear limit, for long and consistent wear. Cross-section (below) illustrates heat-treating in C-Series track links and rollers. Red indicates depth of hardness—Rc45 through the 100 percent wear limit in track links and rollers.



Induction-hardened nodular iron idlers are lifetime lubricated and sealed with metal face seals. Stainless steel shims provide vertical adjustment to help keep these dozers grading like new.

Lubricated chain keeps lubricant between pins and bushings sealed in, abrasives out for long life. Split master link makes chain easier to remove.

Large boron-steel track rollers are hardened through the wear limit inside and out for long life. Irregular spacing causes bottom rollers to contact links at varying points for a smoother, quieter ride.

The fully pressurized, heated, and air-conditioned ROPS cab is twice as quiet as its predecessor. Rattle-free, sliding side and rear tinted glass, and latchable doors open wide for fresh air on nice days.

Neutral-start safety lever disengages transmission and engages the spring-applied, hydraulic-released multi-disk park brake to prevent accidental machine movement. Brakes automatically apply when the engine stops.

Microprocessor-controlled electronic monitor keeps a vigilant watch on 16 machine functions, with warnings you can see and hear. Tach, hour meter, water temperature, fuel, and oil gauges are included.

Convenient grab bars, self-cleaning steps, and a flat, nonslip floor provide easy access to and from either side of the walk-through operator station.

Unlike crawlers that utilize a single pump for steering, dozer, and auxiliary functions, the C-Series' dedicated hydraulic pump delivers quick, powerful, and uncompromised blade response. Quick-drop, two-function control valve is expandable to four sections and five remote functions.

Available cloth or vinyl deluxe comfort control suspension seat comes with extended bottom cushion, tilting backrest, adjustable armrests, lumbar, height/weight, and fore/aft settings for day-long support and comfort. Retractable seatbelt is standard.

Here's all you need for a productive day at the "office"

Like a well-appointed office, this all-new operator station and redesigned dozer blade helps you do more work. Comfortably and efficiently.

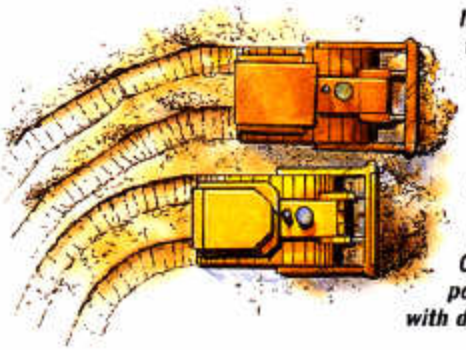
Visibility with or without cab is unrestricted. The "cab forward" design places the operator closer to the front for a commanding view of the blade. And the slightly sloped side and rear sheetmetal further opens up the work area.

A single lever controls both direction and steering. Programmed modulation provides smooth starts and direction changes, virtually eliminating jerky and abrupt movements.

The low-effort, direct-acting dozer control operates just as smoothly. Connected to the hydraulic valve by a mechanical linkage, it gives that familiar "feel" of the work at hand.

Short-throw lever gives near-effortless steering and direction control, freeing your feet for operating the decelerator or for bracing yourself on slopes. Travel speed is controlled by a separate lever that's unaffected by direction changes. Or simply set maximum desired speed and forget it — and let automatic load sensing do the "shifting" for you.

Usable counterrotation is another distinct Deere advantage. It's especially helpful for overcoming corner-loaded side-drafts and for quickly repositioning the blade on-the-go. Or use it for space-saving spot turns, no matter what's underfoot. Unlike other dozers, you never need to shift into neutral or limit its use to good ground conditions to avoid stalling out.



Infinitely variable track speed lets you speed-up or slow power to each track — for smooth, full-power turns that don't tear-up soft terrain like clutch/brake systems. Or run out of steering power with big loads as with differential steering.

With some steering systems, turning radius is dictated by travel speed — the faster the speed, the wider the turn. But not with the C-Series. Tight pivot turns are possible at any speed, for unlimited maneuverability. What's more, steering is always predictable and precise.

C-Series' hydrostatic drivetrains steer the same and maintain their preset speed whether they're on level ground or a 2-to-1 slope. And since they won't free-wheel like a torque converter machine, you never need to cross-clutch or ride a brake.

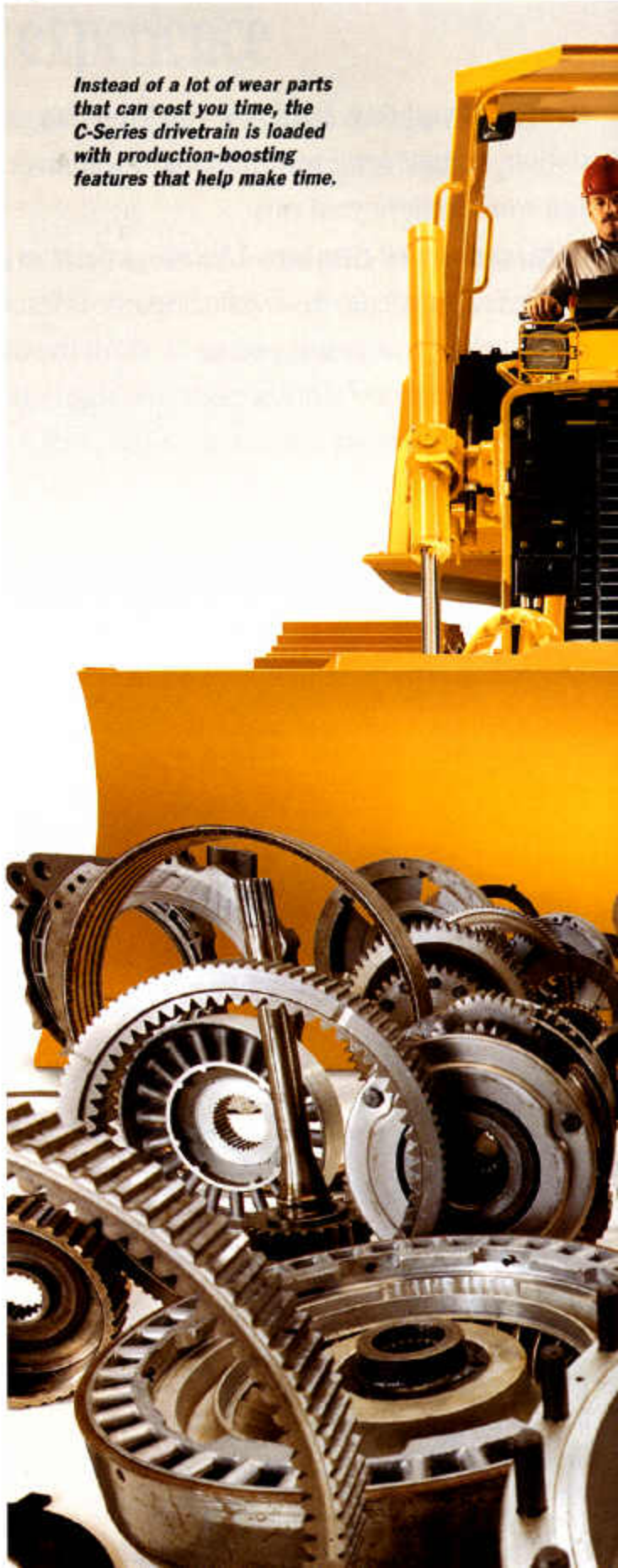
The reasons for the C-Series are piling up

When our construction dozers first hit the dirt more than two decades ago, their unique drivetrain introduced power turns, counter-rotation, infinite speed control, and a host of other production-enhancing advantages. Just as hydraulics advanced excavators, hydrostatics have revolutionized crawlers, ushering in a new era of maneuverability and control — enabling operators to do things they've never done with a dozer.

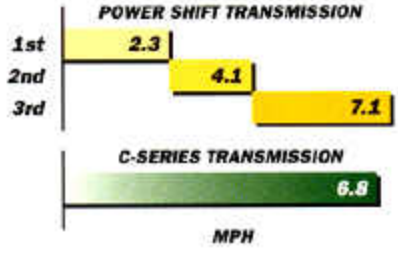
Others have followed our lead, offering a variety of steering and drive systems in an attempt to duplicate the John Deere advantage. Although the imitations are sincerely flattering, none come close to offering the combination of flexibility and ease of operation you get in a C-Series Dozer.

Read on and you'll see what we mean.

Instead of a lot of wear parts that can cost you time, the C-Series drivetrain is loaded with production-boosting features that help make time.



No limited, preset gears in the C-Series. Instead, an infinitely variable range from 0 to 6.8 mph (0-11 km/h) gives the operator complete freedom to choose the right travel speed for the job.



Automatic load sensing takes both the guess and work out of efficient operation. Just set the ground speed lever to maximum desired travel speed and forget it — the dozer does the rest. As loads change, the drivetrain responds, instantly powering up or down to maintain peak engine rpm and efficiency. So you can concentrate on doing your best bladework.

all-around visibility. Inside the totally redesigned walk-through operator station, a single lever controls both direction and steering. And quiet? You won't believe your ears!

Up front, an all-new semi-U blade penetrates tough terrain easier and carries more material. Hydraulic response is fast, and a refined single-lever control gives you a more precise "feel" of the work at hand.

It's the same new story beneath the sheet metal with a quick-tilt operator platform providing easy access to all drivetrain components. Daily service is simpler, too.

Thumb through the following pages and get acquainted with the C-Series. Then get to your John Deere dealership for a demo. And experience for yourself the choice of experience.

At 140 and 180 hp (104 and 134 kW), 750C and 850C are our most powerful and productive dozers ever. And with a host of enhancements, they're destined to be our most reliable, too.

	750C	750C LGP	850C	850C LGP
ENGINE				
Air cleaner, dual-stage aspirated type	●	●	●	●
Air cleaner restriction indicator	●	●	●	●
Blower fan	●	●	●	●
Coolant recovery tank	●	●	●	●
Enclosed safety fan guard	●	●	●	●
Conforms to SAE J1308				
Engine coolant –34°F (–37°C)	●	●	●	●
Oil-to-water engine oil cooler	●	●	●	●
Precleaner	●	●	●	●
Trash-resistant seven-fin radiator	●	●	●	●
Turbocharger	●	●	●	●
Underhood muffler with vertical exhaust stack	●	●	●	●
Electric ether start aid	●	●	●	●
Engine coolant heater, 1,000 watts, 120 volts	■	■	■	■
Radiator sand screen	■	■	■	■
Reversible fan	■	■	■	■
POWER TRAIN				
Automatic applied, hydrostatic-released park brake, pedal operated	●	●	●	●
Cooler				
Oil-to-air for transmission	●	●	●	●
Dual-path hydrostatic transmission	●	●	●	●
Guard, final drive seal (built in)	●	●	●	●
Transmission neutral lock with starter safety switch	●	●	●	●
Transmission test ports	●	●	●	●
Remote transmission test ports	■	■	■	■
Winch drive	■	■	■	■
ELECTRICAL				
By-pass start safety cover at starter	●	●	●	●
Dual batteries, 360-min. reserve capacity, 925 CCA	●	●	●	●
Master electrical disconnect switch, lockable	●	●	●	●
HYDRAULIC SYSTEM				
Lift cylinders	●	●	●	●
"O" ring face seal connectors	●	●	●	●
Two-spool hydraulic system	●	●	●	●
Hydraulic lines to rear	■	■	■	■
Oil sampling test kit	■	■	■	■
Selector valve and lines to rear	■	■	■	■
Third function valve	■	■	■	■
UNDERCARRIAGE				
Center chain guide		●		●
Front idler and bolt-on sprocket chain guides	●	●	●	●
Sealed and lubricated chain	●	●	●	●
Tracks, Dura-Trax™ lubricated chain with split master link				
22-in. (460 mm) moderate-duty grouser shoes	●		■	
22-in. (460 mm) extreme-duty grouser shoes	■		■	
24-in. (600 mm) moderate-duty grouser shoes (for 750C use only with Semi-U blade)	■		●	
24-in. (600 mm) extreme-duty grouser shoes			■	
14-in. (865 mm) single-bar grouser shoes		●		
34-in. (865 mm) swamp shoes		■		
36-in. (914 mm) swamp shoes				■
38-in. (965 mm) single-bar grouser shoes				●
Bolt-on full-length rock guards	■		■	
LIGHTS				
Two front driving/working and one rear working halogen, 35,000 candlepower (375 747 lux each)	■	■	■	■
OPERATOR'S STATION				
Built-in diagnostics	●	●	●	●
Fault code retrieval / Onboard diagnostics for all monitors, wiring, gauges, sensors, etc.				
Built-in Operator's Manual storage compartment and manual	●	●	●	●
Deluxe suspension vinyl seat	●	●	●	●
Adjustable armrests, thigh support, backrest, height/weight, and fore-aft – Conforms to SAE J899				
Suspension vinyl 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 pressure / Transmission return to neutral / Transmission temperature				
Engine rpm digital display (selectable)	●	●	●	●
Floormat	●	●	●	●
Fuel gauge, electric, illuminated	●	●	●	●
Headliner for ROPS/FOPS	●	●	●	●
Horn, electric	●	●	●	●
Conforms to SAE J994, J1446				
Hourmeter, electric, illuminated	●	●	●	●
Interior-mounted rearview mirror	●	●	●	●
Conforms to SAE J985				
Key start switch with electric fuel shutoff	●	●	●	●
Modular design ROPS/FOPS canopy	●	●	●	●
Conforms to SAE J1040				
Push-button starting	●	●	●	●
Seat belt, 3 in. (76 mm), with retractors	●	●	●	●
Conforms to SAE J386				
Single lever steering/direction control with decelerator	●	●	●	●
Pedal steering with U-pattern direction, speed control without decelerator	■	■	■	■
Tool storage, lockable	●	●	●	●
Voltmeter	●	●	●	●
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 and two door windshield wipers/washers				
Full protection package*	■	■	■	■
Brush screens, regular duty / Guards, tank protection / Limb risers – Arched with overhead exhaust*				
OVERALL VEHICLE				
Front tow hook	●	●	●	●
Heavy-duty, hinged, bar-type grille	●	●	●	●
Heavy-duty transverse case cover			●	■
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				
Capped end bits	■	■	■	■
Straight end bits	■	■	■	■
Dozer blades (included in total operating weight)				
Straight – 120.4 in. (3058 mm) for 750C, 123 in. (3124 mm) for 850C	■		■	
Semi-U (High Production) – 126.6 in. (3216 mm) for 750C, 128.3 in. (3259 mm) for 850C	■		■	
Semi-U (Low Profile) – 126.6 in. (3216 mm) for 750C, 137.8 in. (3500 mm) for 850C	■		■	
Angle Dozer – 149.5 in. (3797 mm) for 750C, 152 in. (3861 mm) for 850C	■		■	
All-Hydraulic Dozer – 126.4 in. (3210 mm) for 750C LGP – 152.4 in. (3363 mm) for 750C LGP, 152 in. (3861 mm) for 850C LGP	■		■*	
Tilt cylinder hose protection	●	●	●	●
Environmental fluid drains	■	■	■	■
Extended rigid drawbar with pin for pull-type implements (for 850C included in operating weight)	■	■	■	■
Rigid drawbar with pin (for 750C, 750C LGP, and 850C LGP included in operating weight)	■	■	■	■
Perforated hood for trash environments	■	■	■	■

KEY: ● Standard equipment ■ Optional or special equipment

*See your John Deere dealer for further information.

JOHN DEERE

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 ROPS, ROPS 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 unit with 22-in. (560 mm) moderate-duty grousers, rigid drawbar, and Semi-U (High-Production) blade; 750C LGP unit with 34-in. (865 mm) single-bar grousers and rigid drawbar; 850C unit with 24-in. (610 mm) extreme-duty grousers, extended rigid drawbar, rock guards, and Semi-U (High-Production) blade; and 850C LGP unit with 38-in (965 mm) single-bar grousers and rigid drawbar.

SAFETY live with it.