COMPACT TRACK LOADERS

329E/333E









Refined using voice-recognition technology.

When our customers express their opinions, we listen. In the E-Series CTLs, you'll find plenty of those bright ideas such as courtesy lighting for illuminated cab entrance/exit in dark environments. Increased performance in the 329E, and significantly more power in the top-of-the-line 333E. More control choices, too, including exclusive switchable electrohydraulic (EH) H-ISO-foot controls. And quieter, more spacious operator stations. Other customer-inspired enhancements include a redesigned rear hood and easier-to-remove/replace heavier-duty engine side shields that simplify servicing. You won't find a more owner- and operator-friendly CTL on the market. But that shouldn't come as a surprise. After all, it's voices like yours that had a hand in making it all happen.

Key specifications	329E	333E		
Power	64 kW (86 gross hp) / 62 kW (83 net hp)	74.6 kW (100 gross hp) / 72 kW (97 net hp)		
Rated Operating Capacity at 35% Tipping Load	1317 kg (2,900 lb.)	1498 kg (3,300 lb.)		
Breakout Force				
Boom	2088 kg (4,600 lb.)	2996 kg (6,600 lb.)		
Bucket	4688 kg (10,325 lb.)	6299 kg (13,875 lb.)		
Tipping Load	3768 kg (8,300 lb.)	4279 kg (9,425 lb.)		



Open the door to a more productive day.

When was the first time that "compact" and "comfortable" were accurately used in the same sentence? But with the many refinements found in our 329E and 333E, we can make the claim with a straight face. Large entryways and flat floors allow easier in and out, and provide more foot- and legroom. Operators will also like what they see from the sculpted air ride or suspension seat. All-around visibility is expansive and second-to-none. The highly efficient HVAC system employs eight automotive-style vents to keep the glass clear and cab comfortable. Plus plenty of other cab amenities including an optional AM/FM weather-band radio with dual speakers help tune-in more productivity.

Flat floor provides 33-percent-more comfort-lending foot room. Makes getting in and out of the cab easier, too.

We've got your back with a sculpted mechanical-suspension seat to help smooth the ride. Choose either a cloth or vinyl airsuspension seat in cab-equipped models.

Triple-interlock operator-presence system automatically applies the brakes when the lap bar is raised, the operator leaves the seat, or the engine is shut down.

Storage box, cup holder, and iPod™/ cell-phone holder (with nearby 12-volt power port) provide plenty of room to stow your stuff.

Cabs and floors are tightly sealed and pressurized to keep out dust and noise.

Expansive curved front glass, large top window, and low side windows make it easy to see the surrounding jobsite. Even with an expanded engine compartment, best-in-class sightlines provide a clear view of the action behind you, as well.

Adjustable pull-down padded lap bar provides comfortable arm support.

HVAC system employs eight automotivestyle louvers to direct warm or cold airflow where it's appreciated most — on the operator. For production-boosting yearround comfort.





Put our CTLs to work on your jobsites and you'll see an instant increase in productivity. With more engine power, the top-of-the-line 333E is our most powerful CTL ever. Both models boast optimal weight distribution, low centers of gravity, high ground clearance, and superior balance that provide exceptional agility and stability on slopes. For work on rough terrain, add the ride-control option. It smoothes moves for increased operator comfort. And helps retain a full load all the way to its destination.



1. Fast ground speeds and large bucket capacities enable these nimble material movers to make the most of every cycle. For even more hustle, engage the two-speed transmission. It's standard on the 333E, optional on the 329E.

Superior pushing power and impressive breakout force deliver the leverage and traction to dig in where others just spin. For best-in-class pushing, prying, and digging power. 3. Optional ride control's shockabsorbing boom cylinders cushion bumps for a smoother ride. Help speed navigation over rough ground while retaining the load, too.









(9,425 lb.) empower the E-Series to precisely place pallets and handle other material-handling tasks.

These are our most powerful CTLs ever, delivering four-percent-more net engine power in the 329E, 10-percent more in the 333E.

usable power, while meeting EPA Interim Tier 4 (IT4)/EU Stage IIIB regulations.

Some jobs can be a real stretch. The 329E/333E's patented boom design clears high sideboards and even dumps to the center of tandem-axle trucks.

tracks let CTLs work when skid steers can't.

Need a little less width? The 400-mm (15.8 in.) track comes standard on the 329E. Or, choose this option on the 333E for a narrower stance.



E-Series CTLs truly are all things to all operators.







just a few. 3. Rock buckets are ideal for removing debris and sifting and sorting material. Design retains rocks and refuse while grading.

tools continues to grow and includes power rakes, landplanes, roller levels, pallet forks, and dozer blades, to list

1. Whether you're planting trees or setting posts, we've got you covered. Our planetary auger is available in a wide variety of bit styles and

diameters.

- 4. Mulching heads, rotary cutters, and tined grapples work well for land clearing and cleanup. Severe-duty machine-protection packages are also available.
- 5. Cleanup is quicker and easier with one of our tined or scrap grapples. Dual-action clamps provide superior material retention.





Work our connections, as you expand yours.

If you're looking to broaden your business, your John Deere dealership is the place to start. Their equipment offering includes more than 100 Worksite Pro™ attachments that will help expand your efforts. E-Series CTLs are designed with these additions in mind. The universal Quik-Tatch™ makes attachment switchover quick and easy. Standard-flow auxiliary hydraulics with connect-under-pressure couplers is also standard. And if your equipment yard includes our skid steers, compact excavators, or 244J Loader, many of these attachments are interchangeable between machines. Talk to your dealer to learn more.



Worksite Pro attachments:

Ag forks

Augers

Backhoes

Bale spears (round, square)

Blades (snow, utility)

Breakers/hammers

Brooms (angle, pickup)

Cold planers

Dozer blades

Grapples (ag utility, brush-tined, scrap)

Landplanes

Mulching head

Multipurpose buckets

Pallet forks

Power rakes

Rock buckets

Roller levels

Rotary cutters

Rotary tillers

Scrapers (material, manure)

Side-discharge buckets

Snow blowers

Snow pushers

Trenchers

Vibratory rollers







Nothing runs like a Deere, because nothing is built like one.

All CTLs travel on tracks. But that's where the similarity ends. Our E-Series brings serious strength and daylong stamina to your jobsites. Large-displacement electronic-injection diesels headline the list of uptime-boosting enhancements. Job-proven durability difference-makers from the previous series include our exclusive V-plenum cooling systems with hydraulically driven variable-speed fans. Heavy-duty drivetrains and tracks. Beefy booms and upper links. And integrated rear bumpers. When you know how they're built, you'll run a Deere.

- Industry-exclusive design separates coolers in an innovative V-shape configuration that's 10-percent more efficient. Large aluminum hydraulic cooler and radiator provide the necessary capacity for high-ambienttemperature operation.
- 2. Rear bumper with integral tie-downs protects cooling components from run-ins with obstacles. Add the optional heavy-duty rear grille for even more durability.
- 3. Hydraulic-driven variable-speed fan runs only as fast or frequently as needed for improved power and fuel efficiency, and decreased noise and debris flow through the coolers. Exclusive reversible option can be set to automatically reverse as often as the application dictates to clear core-clogging buildup.











Switches and electrical connectors are sealed from moisture and dirt to help prevent corrosion.

Large cross-section boom arms and heavyduty upper links deliver the strength to endure tough tasks for long-term durability.

The E-Series employs the same job-proven platform of EPA IT4/EU Stage IIIB emission-meeting technologies as our larger equipment. Simple, fully integrated, and fully supported, our emission solution delivers industry-leading fuel efficiency and uptime.

Auto-shutdown system monitors engine and hydraulic vitals, and issues an audible warning when limits are exceeded. If necessary, it shuts down the machine to help prevent damage.

Drive motors are heavy duty, and hoses are shielded for extra protection. Direct-mounted planetary final drives employ larger-than-usual bearings for one-of-a-kind reliability.

Diesel particulate filter (DPF) cleaning doesn't impact or interrupt machine performance under normal operating conditions.

Heavy-duty double-steel-reinforced rubber tracks last longer than those on other machines. All-steel rollers, idlers, and sprockets are similar to those used on our larger crawlers. Metal-face seals and journal bearings further increase longevity.

O-ring face-seal hydraulic fittings virtually eliminate aggravating and costly oil leaks.

Spring-applied, hydraulic-released wet-disc park brakes are fully enclosed and never require adjustment.

"E"asy does it.

Servicing an E-Series CTL is simple and quick. So easy, in fact, that you won't even have to raise its boom for daily service or most periodic maintenance. Checkpoints are conveniently grouped and easily reached beneath the gas-shock supported hood. And removable side panels give way to the coolers, maintenance-free battery, and fluid and air filters. If necessary, the operator station tilts in minutes for best-in-class drivetrain access. And industry-leading parts and service are just as accessible at more than 1,300 John Deere dealer locations from coast to coast.



Daily servicing is quick and convenient. Simply lift the hood for ground-level access to check fluids and refuel.

Through-the-monitor onboard diagnostics help speed troubleshooting for increased uptime.

These CTLs share components such as engines with our skid steers and compact excavators, making it easier to ensure you always have the right filters and fluids on hand.

Removable rear side panels allow wideopen service access and are easier to remove and replace. Stronger, too.

Fluid-fill and service checkpoints are grouped and color-coded. And a conveniently displayed maintenance chart helps ensure that nothing gets overlooked.

Diesel particulate filter (DPF) service interval is 3,000 hours, and can be done by your John Deere dealer.

V-plenum cooling system resists debris buildup and makes radiator and cooler cores easier to clean.

Because no maintenance beats low maintenance, engine serpentine belts never need adjustment.

Unlike some CTLs that require complicated daily adjustments with special tools, track tension is checked weekly. If adjustment is necessary, all that's needed is a wrench and grease gun.

Compare the cost of parts and labor for recommended maintenance with other makes. The E-Series will save you significant money. Add the long-term expense of undercarriage replacement, and the savings can be substantial.

- Getting to the heart of a Deere is easy.
 There's no need to raise the boom —
 just pivot the cab and remove the floor.
 Takes only minutes.
- 2. Need extra elbowroom? Raise the boom and remove the side shields for wide-open engine-compartment access. Unique lock lever secures the boom from inside the cab.
- **3.** Spin-on filters and environmental drains allow quick fluid changes.









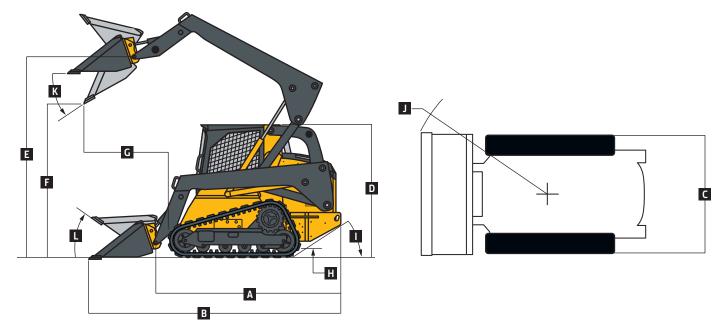


329E

Engine	329E			
Manufacturer and Model	Yanmar 4TNV94CHT			
Non-Road Emission Standards	EPA Interim Tier 4/EU Stage IIIB			
Cylinders	4			
Net Peak Power (SAE J1349 / ISO 9249)	62 kW (83 hp) at 2,500 rpm			
Gross Rated Power (ISO 14396)	64 kW (86 hp) at 2,500 rpm			
Gross Peak Power (ISO 14396)	64 kW (86 hp) at 2,500 rpm			
Peak Torque	360 Nm (266 ftlb.) at 1,700 rpm			
Displacement	3.1 L (186.3 cu. in.)			
Rated Engine Speed	2,500 rpm			
Torque Rise	47% at 1,700 rpm			
Aspiration	Turbocharged, intercooled			
Air Cleaner	Dry dual element			
Cooling	· ·			
Fan Type	Variable-speed hydraulic drive			
Powertrain				
Pump	Axial-piston hydrostatic			
Controls	Electrohydraulic			
Travel Speeds	•			
Single Speed, Standard	10.0 km/h (6.2 mph)			
2 Speed, Optional				
Low	8.5 km/h (5.3 mph)			
High	12.6 km/h (7.8 mph)			
Brakes	Integral, automatic, spring-applied, hydraulically released wet-disc brake			
Undercarriage				
Rubber Tracks	NEXT GENERATION™ smooth-ride long-life rubber with steel inserts			
Track Width	·			
Standard	400 mm (15.8 in.)			
Optional	450 mm (17.7 in.)			
Ground Pressure				
Standard 400-mm (15.8 in.) Track	34.2 kPa (5.0 psi)			
Optional 450-mm (17.7 in.) Track	30.6 kPa (4.4 psi)			
Track Rollers (per side)	5 triple-flange smooth-ride all-steel rollers			
Track Idlers (per side)	2 double-flange smooth-ride all-steel rollers			
Bearings/Seals (rollers/idlers)	Heavy-duty journal bearings and metal face seals			
Hydraulics	, ,, ,			
Pump Flow				
Standard	80 L/m (21 gpm)			
Total with High-Flow Option	125 L/m (33 gpm)			
System Pressure at Couplers	23 787 kPa (3,450 psi)			
Hydraulic Horsepower Flow (calculated)				
Standard	31.3 kW (42 hp)			
High	48.5 kW (65 hp)			
Cylinders				
Туре	John Deere heat-treated, chrome-plated, polished cylinder rods, hardened steel (replaceable bushings)			
31 -	pivot pins			
Electrical				
Voltage	12 volt			
Battery Capacity	925 CCA			
Alternator Rating	70 amp			
Lights	Halogen, 2 front and 1 rear			
Operator's Station				
	quick-pivot standard			



Serviceability	329E
Refill Capacities	
Fuel Tank	96.5 L (25.5 gal.)
Operating Weight	
With Standard 400-mm (15.8 in.) Track	5221 kg (11,500 lb.)
Machine Dimensions	
A Length without Bucket	3.05 m (120 in.) (10 ft. 0 in.)
B Length with Foundry Bucket	3.66 m (144 in.) (12 ft. 0 in.)
C Width without Bucket	
With 400-mm (15.8 in.) Track	2.00 m (78.9 in.) (6 ft. 7 in.)
With 450-mm (17.7 in.) Track	2.05 m (80.7 in.) (6 ft. 9 in.)
D Height to Top of ROPS	2.15 m (84.7 in.) (7 ft. 1 in.)
E Height to Hinge Pin	3.20 m (126 in.) (10 ft. 6 in.)
F Dump Height with Foundry Bucket	2.59 m (101.8 in.) (8 ft. 6 in.)
G Dump Reach	
With Foundry Bucket	0.82 m (32.2 in.)
With Construction Bucket	1.00 m (39.4 in.) (3 ft. 3 in.)
H Ground Clearance	0.26 m (10.4 in.)
I Angle of Departure	31 deg.
J Front Turn Radius with Foundry Bucket	2.17 m (85.43 in.) (7 ft. 1 in.)
K Dump Angle (full lift height)	45 deg.
L Bucket Rollback (ground level)	35 deg.



Loader Performance	329E
Tipping Load Advertised	3768 kg (8,300 lb.)
SAE Rated Operating Capacity with Foundry Bucket	
At 35% Tipping Load	1317 kg (2,900 lb.)
At 50% Tipping Load	1884 kg (4,150 lb.)
Boom Breakout	2088 kg (4,600 lb.)
Bucket Breakout Force with Foundry Bucket	4688 kg (10,325 lb.)

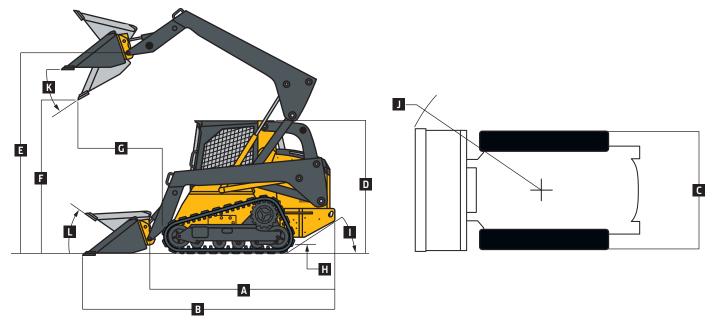
333E

Engine	333E		
Manufacturer and Model	Yanmar 4TNV94CHT		
Non-Road Emission Standards	EPA Interim Tier 4/EU Stage IIIB		
Cylinders	4		
Net Peak Power (SAE J1349 / ISO 9249)	72.0 kW (97 hp) at 2,500 rpm		
Gross Rated Power (ISO 14396)	74.6 kW (100 hp) at 2,500 rpm		
Gross Peak Power (ISO 14396)	74.6 kW (100 hp) at 2,500 rpm		
Peak Torque	395 Nm (291 ftlb.) at 1,700 rpm		
Displacement	3.1 L (186.3 cu. in.)		
Rated Engine Speed	2,500 rpm		
Torque Rise	39% at 1,700 rpm		
Aspiration	Turbocharged, intercooled		
Air Cleaner	Dry dual element		
Cooling	by data element		
Fan Type	Variable-speed hydraulic drive		
Powertrain	variable speed in a date of the		
Pump	Axial-piston hydrostatic		
Controls	Electrohydraulic		
Travel Speeds	Liectronyuraunc		
·			
2 Speed Low	9 F log /b /F 2 mmb)		
	8.5 km/h (5.3 mph)		
High Brakes	12.6 km/h (7.8 mph)		
	Integral, automatic, spring-applied, hydraulically released wet-disc brake		
Undercarriage Dubb on Transler	NEVT CENTEDATIONIN		
Rubber Tracks	NEXT GENERATION™ smooth-ride long-life rubber with steel inserts		
Track Width	(50 (17.7%)		
Standard	450 mm (17.7 in.)		
Optional	400 mm (15.8 in.)		
Ground Pressure	21.110 (/ 5 - 2)		
Standard 450-mm (17.7 in.) Track	31.1 kPa (4.5 psi)		
Optional 400-mm (15.8 in.) Track	34.7 kPa (5.0 psi)		
Track Rollers (per side)	5 triple-flange smooth-ride all-steel rollers		
Track Idlers (per side)	2 double-flange smooth-ride all-steel rollers		
Bearings/Seals (rollers/idlers)	Heavy-duty journal bearings and metal face seals		
Hydraulics			
Pump Flow			
Standard	95 L/m (25 gpm)		
Total with High-Flow Option	129 L/m (34 gpm)		
System Pressure at Couplers	23 787 kPa (3,450 psi)		
Hydraulic Horsepower Flow (calculated)			
Standard	37.3 kW (50 hp)		
High	50.0 kW (67 hp)		
Cylinders			
Туре	John Deere heat-treated, chrome-plated, polished cylinder rods, hardened steel (replaceable bushings)		
	pivot pins		
Flectrical			
Electrical Voltage	12 volt		
Voltage	12 volt		
Voltage Battery Capacity	925 CCA		
Voltage			

ROPS (ISO 3471) / FOPS (ISO 3449) structure with quick-pivot standard



Serviceability	333E
Refill Capacities	
Fuel Tank	96.5 L (25.5 gal.)
Operating Weight	
With Standard 450-mm (17.7 in.) Track	5357 kg (11,800 lb.)
Machine Dimensions	
A Length without Bucket	3.05 m (120 in.) (10 ft. 0 in.)
B Length with Foundry Bucket	3.66 m (144 in.) (12 ft. 0 in.)
C Width without Bucket	
With 400-mm (15.8 in.) Track	2.00 m (78.9 in.) (6 ft. 7 in.)
With 450-mm (17.7 in.) Track	2.05 m (80.7 in.) (6 ft. 9 in.)
D Height to Top of ROPS	2.15 m (84.7 in.) (7 ft. 1 in.)
E Height to Hinge Pin	3.20 m (126 in.) (10 ft. 6 in.)
F Dump Height with Foundry Bucket	2.59 m (101.8 in.) (8 ft. 6 in.)
G Dump Reach	
With Foundry Bucket	0.82 m (32.2 in.)
With Construction Bucket	1.00 m (39.4 in.) (3 ft. 3 in.)
H Ground Clearance	0.26 m (10.4 in.)
I Angle of Departure	31 deg.
J Front Turn Radius with Foundry Bucket	2.17 m (85.43 in.) (7 ft. 1 in.)
K Dump Angle (full lift height)	45 deg.
L Bucket Rollback (ground level)	35 deg.



Loader Performance	333E
Tipping Load (with 1 set of standard counterweights)	4279 kg (9,425 lb.)
SAE Rated Operating Capacity with Foundry Bucket	
At 35% Tipping Load	1498 kg (3,300 lb.)
At 50% Tipping Load	2145 kg (4,725 lb.)
Boom Breakout	2996 kg (6,600 lb.)
Bucket Breakout Force with Foundry Bucket	6299 kg (13,875 lb.)

Additional equipment

Key: ● Standard ▲ Optional or special

See your John Deere dealer for further information.

329E	333E	Engine	329E	333E	Electrical (continued)	329E	333E	Operator's Station (continued)
•	•	Meets EPA Interim Tier 4/EU Stage IIIB	•	•	Deluxe instrumentation EMU with:	A		Air-ride (cloth) seat
		emissions			Operator-selectable monitoring – Hour			Air-ride (vinyl) seat
•		Yanmar 4TNV94CHT			meter, engine rpm, battery voltage,	•	•	12-volt power port / Dome light / Cargo
•		Auto-idle			diagnostics, EMU configuration, engine			storage / Beverage holder
•		Automatic fan-belt tensioner			coolant temperature, hydraulic oil tem-			Air conditioning with heater/defroster
		Automatic preheat			perature / LED warning indicators – Glow			AM/FM/weatherband radio with auxil-
		Electronic injection system			plug, seat switch, seat belt, door open,			iary input
		John Deere COOL-GARD™ II Extended-			auxiliary hydraulics, park brake engaged,			Cab enclosure
		Life Engine Coolant			2-speed engaged, stop, low engine oil	_	A	Severe-duty cab door
•		John Deere Plus-50™ 10w30 initial			pressure, engine coolant over-temper- ature, battery not charging, air filter			EH joystick controls
		engine oil fill*			restriction, hydraulic filter restriction			EH joystick performance package:
		5-micron primary fuel filter and water			Front and rear halogen work lights			Switchable ISO-H pattern / Creeper
		separator			Triple interlock operator-presence			mode / Boom/bucket speed settings /
A	A	Cold-weather package			control system			Adjustable propel settings / Attachment
		Cooling System	•	A	Anti-theft system			controls
•	•	Coolant recovery tank	_		Backup alarm		A	Floor mat Floor mat with left footrest
•	•	Cool-on-demand cooling system		•	Battery, 925 CCA	A	A	
	A	Reversing fan drive		Ā	Hazard warning lights	A	A	Heater with defroster
		Powertrain High-torque heavy-duty planetary-		<u> </u>	Horn	A	A	Heavy-duty rear grille
	•	reduction final drive	_	_	Strobe light, amber	A	A	Rearview mirror
	•	Automatic spring-applied hydraulically			Operator's Station			Loader
		released wet-disc park brakes		•	Deluxe cab headliner		•	Integral cab boom lock
		Transmission, single-speed			Electrohydraulic (EH) ISO-pattern joystick			Patented John Deere Quik-Tatch™ (no grease required)
A		Transmission, 2-speed			controls		•	Power Quik-Tatch
		Hydraulic System	A	•	EH H-pattern joystick controls			Patented John Deere vertical-lift boom
•	•	John Deere hydraulic cylinders with			EH foot and joystick controls			with superior visibility
_	_	cushioned boom cylinders	A	•	EH switchable foot-ISO-H-pattern	•	•	Hydraulic self-leveling on/off
		Connect-under-pressure auxiliary		_	controls		<u> </u>	Ride control
		couplers			Keyless-start sealed-switch module			Other
		Quick-check hydraulic fluid-level sight	•	•	Electronic push-button auxiliary controls		•	Convenient front and rear tie-downs
		glass		•	Pull-down lap bar			Environmental drains for all fluid
		5-micron hydraulic filter	•	•	Quick-pivot ROPS			reservoirs
A	A	High-flow hydraulics		•	Rear window	A	A	Chrome exhaust stack
		Electrical	•	•	Top window		* **	Modular rear-weight packages
•	•	Automatic shutdown with alarm			Removable top window		A	Single-point lift kit
		Auxiliary hydraulics operator-presence		A	Side window kit			SMV sign kit
		system		A	Sliding/locking glass side windows	•	A	Track, 400-mm (15.8 in.) wide
			•		ROPS/FOPS operator structure			Track, 450-mm (17.7 in.) wide
					Seat belt, 51-mm (2 in.), retractable	*500-	hour eng	ine oil-change intervals when John Deere Plus-50
					Seat belt, 76-mm (3 in.)			Deere oil filter are used.
					Shoulder belt	**Sta	ndard eq	uipped with one [1] set.

Deluxe vinyl suspension seat

