

317 P

Compact Track Loader



JOHN DEERE





SMALL MACHINE, SIZABLE RESULTS

When you need small equipment that can rise high, master heavy loads, and deliver impressive boom- and bucket-breakout forces, the John Deere 317 P-Tier Compact Track Loader (CTL) can be the do-it-all machine that fits the work you do. Its vertical-lift configuration, amped-up performance, and wide range of options are the result of some of the best ideas we've heard — and put into action — from users just like you. Whether you're buying your first machine or boosting the flexibility of an existing fleet, this multipurpose compact is designed to elevate your bottom line.

317 P-TIER COMPACT TRACK LOADER

FEATURES



Tread lightly

Equipped with standard 12.6-inch-wide track, the 317 P-Tier's ground pressure is only 5.5 psi. Step even more lightly with optional 15.8-inch-wide track exerting just 4.5 psi, for work in soft underfoot conditions and side-slope stability.

Unleash the beast

Exceptional pushing power and breakout force deliver the tractive effort and leverage to dig in where other machines just spin.

In the lift zone

Vertical-lift boom combines height and reach at the top of the lift path with outstanding stability. Along with a rated operating capacity of 2,125 pounds, the 317 P-Tier CTL can precisely place pallets and carry big loads.

On the move

With its small stature, this compact is easy to trailer behind a standard pickup truck using the convenient front and rear tie-downs. Narrow-track option slims the 317 P-Tier down to a maneuverable 65-inch width.

It's all about control

Electrohydraulic (EH) ISO-pattern joystick controls that allow customized machine operations based on operator preference are standard on the 317 P-Tier.



**EASY TO TRAILER
BEHIND A STANDARD
PICKUP TRUCK**

Packed for productivity

Low center of gravity, 30-degree bucket rollback, optional ride control, and optional hydraulic self-leveling help keep forks loaded and buckets full. Add capacity with up to two sets of rear counterweights.

Big ideas that deliver

Large cab entryway with swing-out door, generous foot- and legroom, sealing and pressurization to minimize dust and noise, and adjustable high-back sculpted seat optimize operator comfort. Overhead panel conveniently puts machine data on the left and control switches on the right. Easy-to-read LCD monitor reveals a wealth of vital operating info and advanced diagnostics.

Seeing is believing

Clear sightlines to the cutting edge and bucket corners, above and below the lift arms, and the jobsite ahead and behind instill confidence in close quarters. Optional LED side lighting and rearview camera further enhance visibility.

Tackle the to-do list

Swing-out rear door enables easy, ground-level access to daily service checkpoints and cooling system components. Neat frecks and rental yards can appreciate the convenient cab-footwell access that helps speed cleaning.

Make the connection

Equip your CTL with your choice of over 100 available John Deere attachments to expand the flexibility of your operation. Increased auxiliary hydraulic flow and power compared to previous models boosts attachment performance. Add a snow blower, snow pusher, or angle broom to make quick work of winter's white stuff.



317 P-TIER COMPACT TRACK LOADER



**SWITCHING ATTACHMENTS
ENABLES VERSATILITY IN
ANY WEATHER OR SEASON**

Safety first

Standard personal-protection features include in-cab-activated boom lock and triple-interlock system that detects the presence of the operator.

Connected machines

John Deere construction equipment comes with in-base connectivity — free from subscriptions or annual renewals. Analyze critical machine data, track utilization, review diagnostic alerts, and more from **the John Deere Operations Center™**. The Operations Center also enables John Deere Connected Support™, which uses data from thousands of connected machines to proactively address issues before they arise. With your approval, your dealer can also remotely monitor machine health, diagnose problems, and even update machine software without a trip to the jobsite.*

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



317 P-TIER COMPACT TRACK LOADER SPECIFICATIONS

Engine		317 P-TIER	
Manufacturer and Model	Yanmar 4TNV86CHT	Displacement	2.1 L (128 cu. in.)
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	Rated Engine Speed	2,600 rpm
Cylinders	4	Torque Rise	16% at 1,690 rpm
Net Power (SAE J1349 / ISO 9249)	45.6 kW (61 hp) at 2,600 rpm	Aspiration	Turbocharged
Gross Rated Power (ISO 14396)	48.5 kW (65 hp) at 2,600 rpm	Air Cleaner	Dry dual element
Peak Torque	207 Nm (153 ft.-lb.) at 1,690 rpm		
Cooling			
Fan Type	Direct belt drive		
Powertrain			
Pump	Axial-piston hydrostatic		
Motors	Axial-piston hydrostatic		
Single Speed	11.3 km/h (7.0 mph)		
Gearbox	High-drive direct-drive motor		
Brakes	Integral, automatic, spring-applied, hydraulically released, wet-disc brake		
Undercarriage			
Rubber Tracks	Smooth-ride long-life rubber with steel inserts		
Ground Pressure			
With Standard 320-mm (12.6 in.) Track	38 kPa (5.5 psi)		
With Optional 400-mm (15.8 in.) Wide Track	31 kPa (4.5 psi)		
Track Rollers (per side)	4 triple-flange smooth-ride all-steel rollers		
Track Idlers (per side)	1 double-flange and 1 single-flange smooth-ride all-steel rollers		
Bearings/Seals (rollers/idlers)	Heavy-duty journal bearings and metal face seals		
Tractive Effort	3632 kgf (8,000 lbf)		
Hydraulics			
Type	3-spool open-center valve	Hydraulic Horsepower (calculated)	25 kW (33 hp)
Pump Flow, Standard	63 L/m (17 gpm)	Auxiliary Hydraulics	Standard connect-under-pressure with flat-faced couplers
System Pressure at Couplers	23 787 kPa (3,450 psi)		
Cylinders			
Type	John Deere heat-treated, chrome-plated, polished cylinder rods, hardened steel (replaceable bushings) pivot pins		
Stroke	351 mm (14 in.)		
Electrical			
Voltage	12 volt		
Capacity			
Battery	750 CCA standard / 925 CCA optional		
Reserve	170 min.		
Alternator Rating	75 amp with no air conditioning (A/C) / 90 amp with A/C		
Lights			
Standard	Halogen: 2 front and 1 rear		
Deluxe (optional)	LED: 2 front, 2 side, and 1 rear		
Operator's Station			
ROPS (ISO 3471) / FOPS (ISO 3449) structure with quick pivot standard; keyless-start option with sealed-switch module			
Serviceability			
Refill Capacities			
Fuel Tank	71 L (19 gal.)		
Cooling System	12 L (12.7 qt.)		

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

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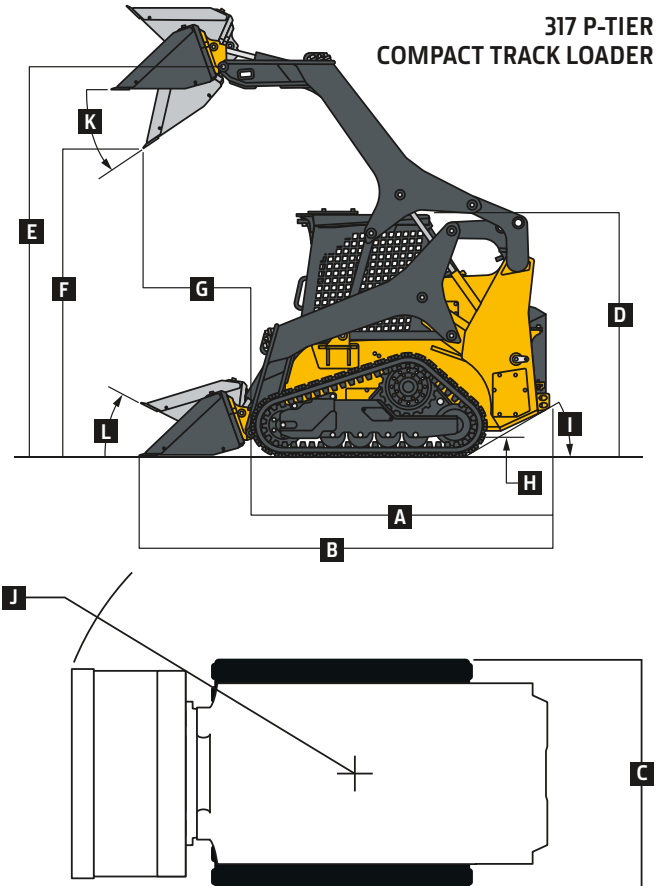
Operating Weights

317 P-TIER

With Standard 320-mm (12.6 in.) Track	3824 kg (8,423 lb.)
With Optional 400-mm (15.8 in.) Wide Track	3942 kg (8,683 lb.)

Machine Dimensions

A Length Without Bucket	2.63 m (103.0 in.) (8 ft. 7 in.)
B Length	
With Foundry Bucket	3.24 m (127.6 in.) (10 ft. 8 in.)
With Construction Bucket	3.49 m (137.4 in.) (11 ft. 5 in.)
C Width Without Bucket	
With Standard 320-mm (12.6 in.) Track	1.65 m (65.1 in.) (5 ft. 5 in.)
With Optional 400-mm (15.8 in.) Track	1.80 m (70.8 in.) (5 ft. 11 in.)
D Height to Top of ROPS	1.98 m (78.0 in.) (6 ft. 6 in.)
E Height to Hinge Pin	3.07 m (121.0 in.) (10 ft. 1 in.)
F Dump Height	
With Foundry Bucket	2.43 m (95.6 in.) (8 ft. 0 in.)
With Construction Bucket	2.26 m (89.0 in.) (7 ft. 5 in.)
G Dump Reach	
With Foundry Bucket	0.79 m (31.0 in.)
With Construction Bucket With Edge	0.98 m (38.6 in.) (3 ft. 3 in.)
H Ground Clearance to Belly Pan	0.19 m (7.4 in.)
I Angle of Departure	32.3 deg.
J Front Turn Radius With Foundry Bucket	1.97 m (77.7 in.) (6 ft. 6 in.)
K Dump Angle (full lift height)	42 deg.
L Bucket Rollback (ground level)	30 deg.



Loader Performance

Tipping Load	2756 kg (6,070 lb.)	Boom Breakout Force	
SAE Rated Operating Capacity		With Foundry Bucket	2384 kg (5,250 lb.)
At 35% Tipping Load	965 kg (2,125 lb.)	With Construction Bucket	2270 kg (5,000 lb.)
At 50% Tipping Load	1378 kg (3,035 lb.)	Bucket Breakout Force	
With Counterweight	1022 kg (2,250 lb.)	With Foundry Bucket	2724 kg (6,000 lb.)
		With Construction Bucket	1930 kg (4,250 lb.)

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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. Gross power is without cooling fan. No derating is required up to 3050-m (10,000 ft.) altitude. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a unit with standard equipment, full fuel tank, and 79-kg (175-lb.) operator.




MC317PAM (25-04)

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