

318 / P

Skid Steer



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 318 P-Tier Skid Steer 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.



EASY TO TRAILER
BEHIND A STANDARD
PICKUP TRUCK



It's easy to take control

Electrohydraulic (EH) ISO-pattern joystick controls that allow customized machine operations based on operator preference are standard on the 318 P-Tier.

Power lifter

Vertical-lift boom combines height and reach at the top of the lift path with outstanding stability, making the 318 P-Tier ideal for stacking and truck-loading applications.

Try it on for size

Weighing just over 6,500 pounds, this compact is easy to trailer behind a standard pickup truck using the convenient front and rear tie-downs. Heavy-duty tire option slims the 318 P-Tier down to a narrow 60-inch width.

Imagine the possibilities

Ample axle torque and optimized boom- and bucket-breakout forces help carve out clay, push through piles, and heap the load.

Step up the pace

Two-speed transmission option provides faster transport speeds of up to 10 miles per hour, to move around the jobsite quicker and push productivity even further.

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 freaks and rental yards can appreciate the convenient cab-footwell access that helps speed cleaning.

Work your connections

Equip your skid steer 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.



318 P-TIER SKID STEER



**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.



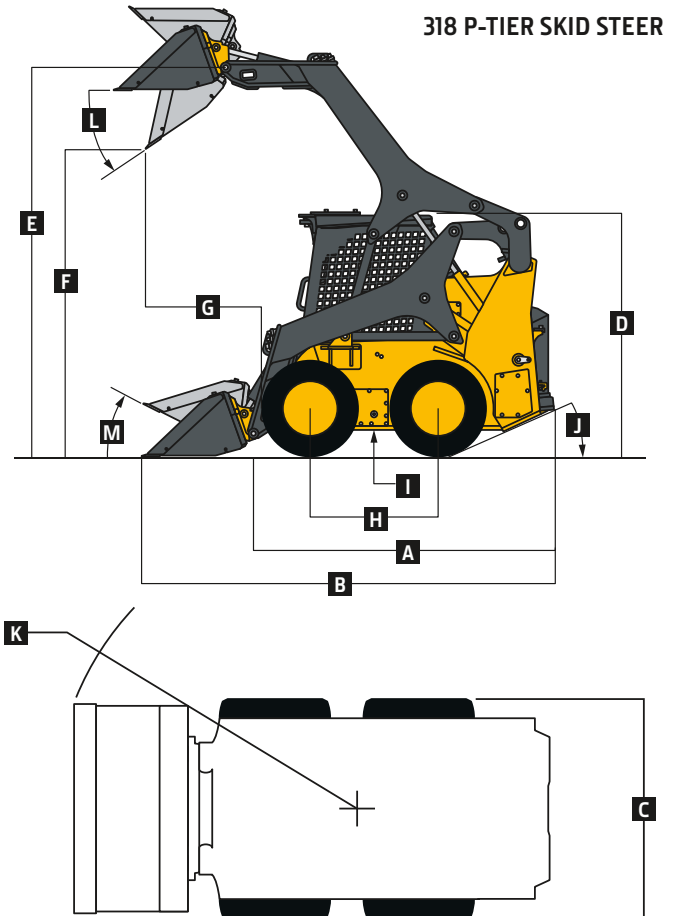


Engine		318 P-TIER
Manufacturer and Model	Yanmar 4TNV86CHT	Yanmar 4TNV86HT
Non-Road Emission Standard	EPA Final Tier 4	Conforms to UN R96 (EU Stage IIIA equivalent)
Cylinders	4	4
Net Power (SAE J1349 / ISO 9249)	45.6 kW (61 hp) at 2,600 rpm	41.5 kW (56 hp) at 2,600 rpm
Gross Rated Power (ISO 14396)	48.5 kW (65 hp) at 2,600 rpm	44.4 kW (60 hp) at 2,600 rpm
Peak Torque	207 Nm (153 ft.-lb.) at 1,690 rpm	207 Nm (153 ft.-lb.) at 1,690 rpm
Displacement	2.1 L (128 cu. in.)	2.1 L (128 cu. in.)
Rated Engine Speed	2,600 rpm	2,600 rpm
Torque Rise	16% at 1,690 rpm	27% at 1,690 rpm
Aspiration	Turbocharged	Turbocharged
Air Cleaner	Dry dual element	Dry dual element
Cooling		
Fan Type	Direct belt drive	
Powertrain		
Type	Hydrostatic-manual or electrohydraulic (EH); 4 – 80 heavy-duty (HD) continuous-loop chain	
Speeds		
Single	11.1 km/h (6.9 mph)	
2 Speed, High	16.3 km/h (10.1 mph)	
Axles		
	Induction-hardened, 1-piece forged axle shafts with maintenance-free oil-bath lubrication of inner and outer axle bearings	
Maximum Axle Torque	6459 Nm (4,764 lb.-ft.)	
Tractive Effort	3552 kgf (7,831 lbf)	
Final Drive		High-strength, adjustment-free chains
Brakes		Integral, automatic, spring-applied, hydraulically released, wet-disc park brake
Hydraulics		
Pump Flow (maximum), Standard	63 L/m (17 gpm)	
System Pressure at Couplers	23 787 kPa (3,450 psi)	
Hydraulic Horsepower Flow (calculated), Standard	25 kW (33 hp)	
Auxiliary Hydraulics	Standard connect-under-pressure with flat-faced couplers	
Cylinders		
Type	John Deere heat-treated, chrome-plated polished cylinder rods, hardened steel (replaceable bushings) pivot pins	
Electrical		
Voltage	12 volt	
Battery Capacity	750 CCA standard / 925 CCA optional	
Alternator Rating	75 amp with no air conditioning (A/C) / 90 amp with A/C	
Lights		
Standard	Halogen: 2 front and 1 rear	
Deluxe	LED: 2 front, 2 side, and 1 rear	
Operator's Station		
ROPS (ISO 3471) / FOPS (ISO 3449)	structure with quick pivot standard	
Tires/Wheels		
Standard Tire Size	10 x 16.5	

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.

Serviceability	318 P-TIER
Refill Capacity	
Fuel Tank	71 L (19 gal.)
Operating Weight	
Base Machine	2970 kg (6,542 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.)
C Width Without Bucket With Camso SKS 10 x 16.5 Tires	1.60 m (62.9 in.) (5 ft. 3 in.)
D Height to Top of ROPS	1.96 m (77.2 in.) (6 ft. 5 in.)
E Height to Hinge Pin	3.05 m (120.0 in.) (10 ft. 0 in.)
F Dump Height With Foundry Bucket	2.40 m (94.3 in.) (7 ft. 10 in.)
G Dump Reach	
With Foundry Bucket	0.86 m (34.0 in.)
With Construction Bucket	1.05 m (41.3 in.) (3 ft. 5 in.)
H Wheelbase	1.05 m (41.5 in.) (3 ft. 5 in.)
I Ground Clearance	0.18 m (7.0 in.)
J Angle of Departure	22.3 deg.
K Front Turn Radius With Foundry Bucket	2.01 m (79.0 in.) (6 ft. 7 in.)
L Dump Angle (full lift height)	42 deg.
M Bucket Rollback (ground level)	30 deg.



Loader Performance			
Tipping Load	1766 kg (3,890 lb.)	Boom Breakout Force <i>(continued)</i>	
SAE Rated Operating Capacity	883 kg (1,945 lb.)	With Construction Bucket	2270 kg (5,000 lb.)
With Counterweight	951 kg (2,095 lb.)	Bucket Breakout Force	
Boom Breakout Force		With Foundry Bucket	2724 kg (6,000 lb.)
With Foundry Bucket	2384 kg (5,250 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.



MK318PAM (25-04)



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