

# 316 P

Skid Steer



JOHN DEERE



A John Deere 316 P-Tier Skid Steer loader is shown in a construction setting. The machine is yellow and black, with the John Deere logo and '316 P' clearly visible. It is positioned in front of a large, multi-story brick building with arched windows. The loader's bucket is filled with dirt, and it is parked on a pile of excavated earth. The machine's large, treaded tires and radial boom are prominent features.

316 P-TIER SKID STEER

## *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 316 P-Tier Skid Steer can be the do-it-all machine that fits the work you do. Its radial-boom 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.

## FEATURES



### **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 316 P-Tier.

### **Elevated by design**

Radial-lift boom provides generous reach at mid-range lift heights and enables the 316 P-Tier to excel at digging, grading, and backfilling applications.

### **Try it on for size**

Weighing only 6,180 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 316 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.



**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 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.



## 316 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                                           |                                                                                                                            | 316 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                                      | 21% 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.

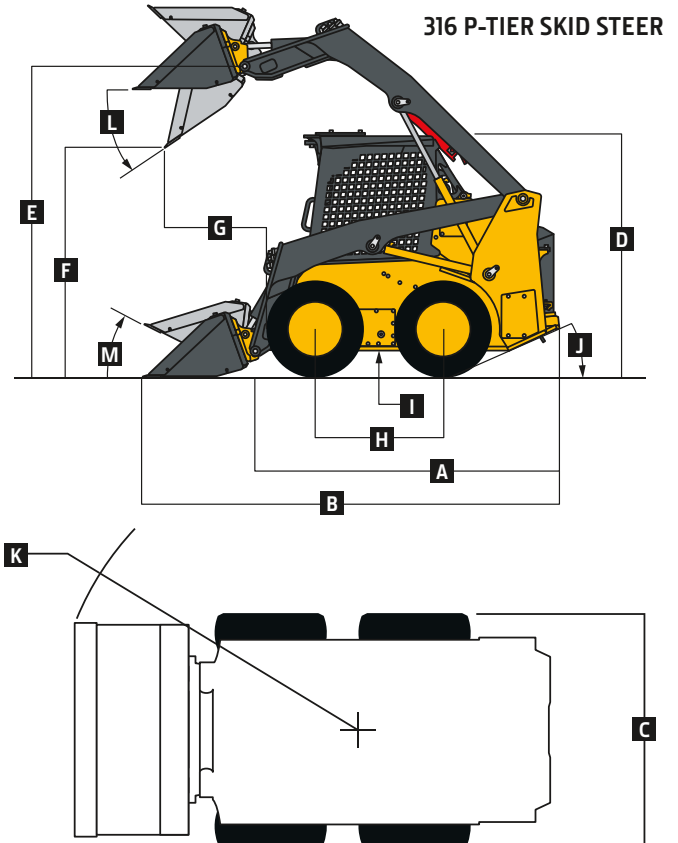
## 316 P-TIER SKID STEER SPECIFICATIONS

# 316

# P

|                         |                     |
|-------------------------|---------------------|
| <b>Serviceability</b>   | <b>316 P-TIER</b>   |
| <b>Refill Capacity</b>  |                     |
| Fuel Tank               | 71 L (19 gal.)      |
| <b>Operating Weight</b> |                     |
| Base Machine            | 2806 kg (6,180 lb.) |

|                                                |                                   |
|------------------------------------------------|-----------------------------------|
| <b>Machine Dimensions</b>                      |                                   |
| <b>A</b> Length Without Bucket                 | 2.63 m (103.0 in.) (8 ft. 7 in.)  |
| <b>B</b> Length With Foundry Bucket            | 3.24 m (127.6 in.) (10 ft. 8 in.) |
| <b>C</b> Width Without Bucket                  | 1.60 m (62.9 in.) (5 ft. 3 in.)   |
| <b>D</b> Height to Top of ROPS                 | 1.96 m (77.2 in.) (6 ft. 5 in.)   |
| <b>E</b> Height to Hinge Pin                   | 2.92 m (115.1 in.) (9 ft. 7 in.)  |
| <b>F</b> Dump Height With Foundry Bucket       | 2.25 m (88.6 in.) (7 ft. 5 in.)   |
| <b>G</b> Dump Reach                            |                                   |
| With Foundry Bucket                            | 0.40 m (15.8 in.)                 |
| With Construction Bucket                       | 0.58 m (22.8 in.)                 |
| <b>H</b> Wheelbase                             | 1.05 m (41.5 in.) (3 ft. 5 in.)   |
| <b>I</b> Ground Clearance                      | 0.18 m (7.0 in.)                  |
| <b>J</b> Angle of Departure                    | 22.3 deg.                         |
| <b>K</b> Front Turn Radius With Foundry Bucket | 2.01 m (79.0 in.) (6 ft. 7 in.)   |
| <b>L</b> Dump Angle (full lift height)         | 45 deg.                           |
| <b>M</b> Bucket Rollback (ground level)        | 30 deg.                           |



| Loader Performance           |                     |                                        |                     |
|------------------------------|---------------------|----------------------------------------|---------------------|
| Tipping Load                 | 1589 kg (3,500 lb.) | Boom Breakout Force <i>(continued)</i> |                     |
| SAE Rated Operating Capacity | 795 kg (1,750 lb.)  | With Construction Bucket               | 2043 kg (4,500 lb.) |
| With Counterweight           | 863 kg (1,900 lb.)  | Bucket Breakout Force                  |                     |
| Boom Breakout Force          |                     | With Foundry Bucket                    | 2384 kg (5,250 lb.) |
| With Foundry Bucket          | 2157 kg (4,750 lb.) | With Construction Bucket               | 1816 kg (4,000 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.



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