

Abbotsford

JOHN DEERE 345 P-TIER EXCAVATOR

Favourite This Equipment



JOHN DEERE 345 P-TIER — UNIT PHOTO

Replace with actual unit photograph before publishing

DETAILS

Comes With:	Auxiliary hydraulic lines with proportional control (right-hand pilot lever), Pattern changer (Cat/Deere), Hydraulic wedge coupler, 42" dig bucket/66" cleanup bucket, rearview camera, AM/FM radio, auto climate control, air-suspension heated seat, JDLink telematics, 5 LED work lights, power-boost button
Make / Model:	John Deere 345 P-Tier
Configuration:	Reduced tail swing — largest in the John Deere reduced-tail-swing lineup; full-size cab
Engine:	Isuzu 6HK1XASA02 — 249 HP (186 kW) @ 1,900 rpm, EPA Final Tier 4 / EU Stage IV — No DPF
Displacement:	7.8 L (475 cu. in.) — 6 cylinders, turbocharged with air-to-air charge-air cooler
Operating Weight:	78,705 LBS (35,700 kg) — SAE, with 32" shoes, 12'4" arm
Max Reach:	37'7" (11.46 m) — with 12'4" arm
Max Dig Depth:	24'10" (7.57 m) — with 12'4" arm
Max Cutting Height:	38'4" (11.69 m) — with 12'4" arm
Max Dumping Height:	28'5" (8.67 m) — with 12'4" arm
Arm Options:	10'2" (3.11 m) or 12'4" (3.76 m)
Tail Swing Radius:	6'10" (2.09 m) — reduced tail swing design
Transport Length:	32'10" (10.02 m) with 12'4" arm
Transport Width:	11'1" (3.39 m)
Cab Height:	10'7" (3.23 m)
Ground Clearance:	20" (500 mm)
Track Shoes:	32" (800 mm) triple semi-grouser — ground pressure: 7.3 PSI (50 kPa)
Hydraulic System:	3 variable-displacement axial-piston pumps — open centre, load sensing; Pump 1/2: 62 gpm each; Pump 3: 56 gpm; Power Boost: 5,510 psi

Drawbar Pull:	66,990 LBS (30,388 kg)
Bucket Digging Force:	45,410 LBS (202 kN) ISO — with power boost
Arm Digging Force:	28,550 LBS (127 kN) ISO — with 12'4" arm
Swing Speed:	10.5 rpm / Torque: 66,750 lb.-ft. (90,500 Nm)
Fuel Tank:	100 gal. (380 L)
Operating Modes:	3 Power modes / 2 Travel modes (auto-shift) / Auto-Idle & Auto-Shutdown
Telematics:	JDLink — factory installed with John Deere Connected Support

DESCRIPTION

When you choose to rent the John Deere 345 P-Tier from Riverside Equipment Rentals, you're stepping into John Deere's largest reduced-tail-swing excavator — a machine that delivers the reach, depth, breakout force, and lift capacity of a conventional 35-tonne class excavator while fitting into the confined spaces that would stop a standard machine cold. Purpose-built for underground utilities, street repair, large-scale site development, and pipeline work, the 345 P-Tier pairs a 249 HP No-DPF Isuzu engine with a three-pump hydraulic system and a full-size operator cab to set a new standard for large reduced-tail-swing performance. Here are the key features that make the John Deere 345 P-Tier the right choice for your project:

- 249 HP Isuzu Engine — No DPF, No Ash Service Intervals:** The Isuzu 6HK1XASA02 7.8L engine delivers 249 HP at 1,900 rpm and meets EPA Final Tier 4 / EU Stage IV emissions standards without a diesel particulate filter. Particulate matter is burned during combustion, eliminating DPF ash-service intervals and regeneration events — keeping the machine working on your schedule without unplanned downtime on remote or high-production sites.
- Reduced Tail Swing — Full-Size Performance:** The 345 P-Tier is John Deere's largest reduced-tail-swing excavator, with a compact 6'10" (2.09 m) rear swing radius. This allows safe, productive operation in road corridors, beside structures, walls, and utilities where a conventional same-class machine's counterweight overhang would be a hazard. Critically, reduced tail swing does not compromise performance — the 345 P-Tier delivers 78,705 LB operating weight, 45,410 LB bucket digging force, and 66,990 LB drawbar pull.
- Three-Pump Hydraulic System — Maximum Flow & Productivity:** The unique three-pump design provides significantly greater total hydraulic flow than conventional two-pump systems. Pump 1 and 2 each supply 62 gpm to boom, arm, and bucket circuits; Pump 3 supplies a dedicated 56 gpm to the swing circuit on demand — maximizing swing speed and responsiveness without starving other functions or sacrificing fuel economy during combined operations.
- Power Boost — 5,510 PSI on Demand:** When material conditions demand more, the standard power-boost button on the right-hand pilot lever delivers an instantaneous pressure increase to 5,510 psi across the implement circuits — driving through hard material, breaking out stubborn rock, and completing lifts that would otherwise require repositioning or a larger machine.
- 37'7" Reach & 24'10" Dig Depth — with 12'4" Arm:** The 345 P-Tier's working range is exceptional for a reduced-tail-swing machine. At 37'7" of maximum reach and 24'10" of maximum dig depth with the long arm, it handles deep utility trenching, large pond and drainage construction, pipeline corridor work, and high truck loading cycles that push the limits of smaller machine classes on BC projects.
- Job-Proven Undercarriage — Shared with the 350 P-Tier:** The 345 P-Tier shares the same heavy-duty undercarriage as John Deere's larger 350 P-Tier. Large idlers, rollers, and strutted links in a sealed and lubricated track chain deliver reliable performance and extended wear life under the demanding cycle loads of large civil, pipeline, and utility projects across the Fraser Valley and beyond.
- Short-Throw Pilot Levers with Fingertip Auxiliary Control:** Ergonomically optimized short-throw, low-effort pilot levers enable smooth, precise implement control with minimal operator fatigue over long shifts. Push buttons on the right joystick provide fingertip proportional control of auxiliary hydraulic flow — making the 345 P-Tier immediately compatible with hydraulic breakers, compactors, tilting couplers, shears, and other high-demand attachments.
- Full-Size Deluxe Cab — Air-Suspension Heated Seat, Auto Climate:** Despite being a reduced-tail-swing design, the 345 P-Tier features a full-size cab with genuine spaciousness. Standard equipment includes an air-suspension heated cloth seat with 4" adjustable armrests, auto climate control / A/C / heater / pressurizer, multi-language colour LCD monitor with rotary dial, AM/FM radio, rearview camera, transparent tinted overhead hatch, and a hot/cold beverage compartment.
- Multi-Language LCD Monitor with Rotary Dial:** The intuitive LCD monitor and rotary dial interface provides access to work mode selection, operating information, maintenance tracking, diagnostic codes, fault code alerts, cab temperature control, fuel rate display, and radio — all without scrolling through deep menus. The monitor supports full system monitoring with audible alarms for coolant temperature, oil pressure, low fuel, and DEF level.
- 270-Degree Camera System — Optional:** An optional integrated right-rear-left camera system with additional LED surround lighting

supplements 270-degree visibility around the machine — including in low-light conditions. Distance markers display tail swing radius on screen, directly improving safety for ground crews on congested utility corridors, roadway projects, and municipal work sites where situational awareness is a site safety requirement.

- **Versatile Applications Across BC:** Underground utilities, municipal infrastructure, road and highway construction, large site preparation, pipeline right-of-way, pond and drainage, slope work, foundation excavation, and heavy material handling in confined urban environments — the 345 P-Tier is available for delivery across the Fraser Valley, Lower Mainland, and Vancouver Island on your schedule.

Renting the John Deere 345 P-Tier from Riverside Equipment Rentals means getting a fully maintained, inspection-ready machine that delivers large-excavator performance in a reduced-tail-swing package — delivered on your schedule by a team that has been supporting BC construction since 1991. We're available on call 24 hours a day, 7 days a week, with flexible rental terms and competitive rates built around your project timeline.

GET IN TOUCH WITH US!

SUBMIT

RENTAL RATES

Daily Rate	Request Price
Weekly Rate	Request Price
Monthly Rate	Request Price
Delivery	Two-Way Available
Self-Pickup	Abbotsford

Contact Daryl or Bryanne for flexible rates tailored to your project. Weather-related downtime provisions available.

📞 REQUEST PRICE

Questions? Call us directly:

604-556-0557

On call 24 hours · 7 days a week

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ABOUT RIVERSIDE EQUIPMENT

Here at Riverside, we are a full service construction equipment rental company that specializes in heavy duty rentals. With our many years of experience and expertise, you can rely on Riverside for on-time delivery and full satisfaction every time.

📍 3112 Pratt Street, Abbotsford, BC V2S 3C7

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