

26 P

Compact Excavator



JOHN DEERE



DIG THIS BIG “SMALL” IDEA

Working within close lot lines and tight deadlines, you need to get the most from your “mini” machine. Driven to deliver a compact excavator that provides big productivity and outsized versatility, we enhanced our capable 26 P-Tier to boast impressive lift capacity and bucket, arm, and breakout forces. And we reimagined the proven standard and optional advantages you’ve come to expect from the John Deere P-Tier lineup. Armed to handle a wide range of underground, building, landscape, and site-development tasks, the 26 P-Tier is also ideal for most rental fleets. Try it on for size.

FEATURES



As tough as they come

Heavy-duty side shields deflect material and impacts, protecting propel motors and boom/blade cylinders. Securely clamped steel hydraulic lines and CORDURA® covering on rubber hoses provide extra durability. Box-constructed X-frame and track frames are rock solid and rugged.

Work, run, repeat

Reduced-tail-swing design maximizes maneuverability and performance in cramped places and tight spaces. Compact stature permits easy transport between jobsites, perfect for “dig-and-go” projects.

Get back to it

Standard backfill blade enables the 26 P-Tier to grade and fill, boosting machine versatility and stability when using attachments or working on uneven terrain.

Make yourself at home

Spacious operator station has a wide entryway and backhoe- to excavator-style controls. Swing boom and foldable travel pedals are positioned for efficient operation and comfortable foot room. Optional four-season cab features front glass that delivers expansive visibility.



**MANEUVERABLE 31"
TAIL-SWING RADIUS**
WITH STANDARD ARM

Underneath it all

Track-sag adjuster conveniently located in the center of each track frame makes it easy to maintain proper track tension and maximize undercarriage wear life using only a standard high-pressure grease gun.

Quick-change artist

Standard selector valve allows the connection of two attachments at the same time by changing the valve position to divert supply/return oil from one to the other. Wedge-style coupler enables quick changes and accepts a wide variety of buckets and attachments, such as hydraulic hammers, plate compactors, and augers.

It hardly seems like work

Track speeds automatically slow to low whenever a heavier load is encountered, then return to high when the load normalizes. No pedal or operator activation is required for high-speed travel.

See what you can do

Conveniently located in a compartment beneath the seat, control pattern selector valve includes a sight glass that displays the selected pattern.

Resource management

Power/economy modes optimize power for digging applications, further improving fuel efficiency.

Maintenance matters

Hinged door provides wide-open access to the side-by-side oil cooler and radiator. Cooler system is designed to resist trash buildup and allow quick and easy core cleanout. Extended service intervals let the machine work longer before maintenance is needed.



26 P-TIER COMPACT EXCAVATOR



ACCEPTS ATTACHMENTS COMMON TO OTHER DEERE COMPACTS

Make the most of your investment

Already own some John Deere attachments? Many models including buckets, hydraulic hammers, and augers also work on other compact machines so you can redefine fleet utilization — and your bottom line.

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. Your dealer can also remotely monitor machine health, diagnose problems, and even update machine software without a trip to the jobsite.*

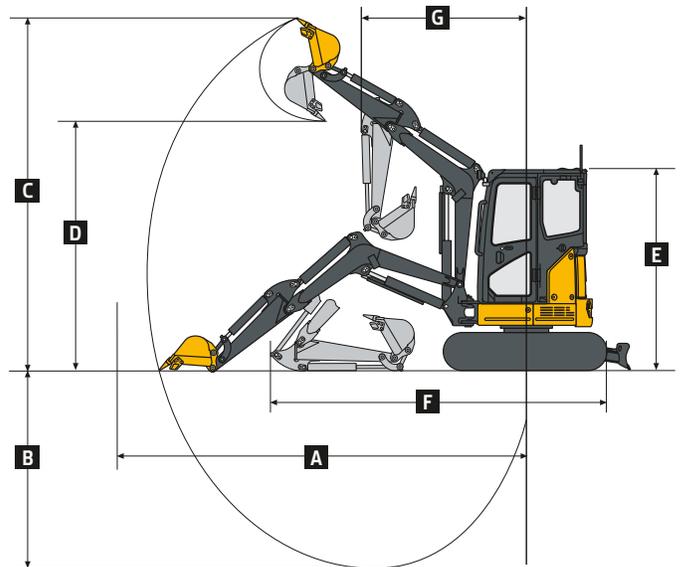
*Availability varies by region and product. Options not available in every country.





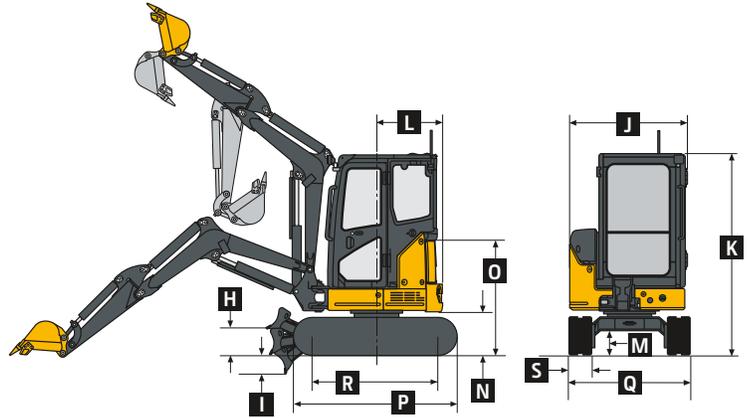
While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations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

Engine		26 P-TIER	
Manufacturer and Model	Yanmar 3TNV80F	Displacement	1.267 L (77 cu. in.)
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	Net Power (ISO 9249)	14.9 kW (20.0 hp) at 2,500 rpm
Powertrain			
Each track independently driven by hydrostatic axial-piston motor connected to 2-stage planetary gear reduction box			
Maximum Travel Speed		Swing Speed	9.1 rpm
Low	2.9 km/h (1.8 mph)	Swing Brake	Spring applied, hydraulically released, automatic
High	4.5 km/h (2.8 mph)		
Hydraulics			
Open center with 2 variable-displacement pumps, 1 fixed gear pump, and 1 pilot pump		Auxiliary Flow Controls	46.18 L/m (12.2 gpm)
Pump Flow			Hydraulic pilot operated for boom, arm, bucket, swing, boom swing, blade, travel, and auxiliary functions
Piston	2 x 36.0 L/m (2 x 7.9 gpm)		
Gear	16.28 L/m (4.3 gpm)		
Electrical			
Alternator Rating	40 amp		
Work Lights			
2 halogen, 1 mounted on operator station, and 1 mounted on boom			
Undercarriage			
2-speed axial-piston propel motors			
Tracks, Rubber	300 mm (12 in.)		
Ground Pressure With 1.17-m (3 ft. 10 in.) Standard Arm, Standard Counterweight, and Rubber Track			
Canopy	25.0 kPa (3.6 psi)		
Cab	25.9 kPa (3.8 psi)		
Upperstructure			
Independent Swing Boom With 1.17-m (3 ft. 10 in.) Standard Arm	Canopy and 241-kg (531 lb.) Standard Counterweight	Cab and 208-kg (459 lb.) Standard Counterweight	
Left	70 deg.	70 deg.	
Right	60 deg.	60 deg.	
Serviceability			
Refill Capacities		Refill Capacities (continued)	
Fuel Tank	34.07 L (9.0 gal.)	Engine Oil With Filter	3.69 L (3.9 qt.)
Cooling System	3.12 L (3.3 qt.)	Hydraulic Tank	23.85 L (6.3 gal.)
Operating Weights			
With 1.17-m (3 ft. 10 in.) Standard Arm, Rubber Track, Standard Counterweight, Full Fuel Tank, and 79-kg (175 lb.) Operator			
Canopy	2620 kg (5,780 lb.)		
Cab	2770 kg (6,110 lb.)		
Operating Dimensions			
1.17-m (3 ft. 10 in.) Standard Arm and Standard Counterweight			
	Canopy	Cab	
A	Maximum Digging Reach	4.63 m (15 ft. 2 in.)	4.63 m (15 ft. 2 in.)
B	Maximum Digging Depth	2.59 m (8 ft. 6 in.)	2.59 m (8 ft. 6 in.)
C	Maximum Cutting Height	4.44 m (14 ft. 7 in.)	4.28 m (14 ft. 1 in.)
D	Maximum Dumping Height	3.19 m (10 ft. 6 in.)	3.04 m (10 ft. 0 in.)
E	Transport Height	2.43 m (8 ft. 0 in.)	2.43 m (8 ft. 0 in.)
F	Overall Length		
	Blade in Front	4.18 m (13 ft. 9 in.)	4.18 m (13 ft. 9 in.)
	Blade in Rear	4.48 m (14 ft. 8 in.)	4.48 m (14 ft. 8 in.)
G	Minimum Swing Radius	1.92 m (6 ft. 4 in.)	2.01 m (6 ft. 7 in.)
H	Blade Bottom Highest Position (see line art at top right of page 7)	0.32 m (13 in.)	0.32 m (13 in.)
I	Blade Bottom Lowest Position (see line art at top right of page 7)	0.32 m (12 in.)	0.32 m (12 in.)
	Boom-Swing Pivot-Offset Distance	0.09 m (3 in.)	0.09 m (3 in.)
Offset Distance			
	Left	0.56 m (22 in.)	0.56 m (22 in.)
	Right	0.70 m (28 in.)	0.70 m (28 in.)
Digging Force			
	Bucket	22.21 kN (4,994 lb.)	22.21 kN (4,994 lb.)
	Arm	15.17 kN (3,410 lb.)	15.17 kN (3,410 lb.)



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Machine Dimensions	26 P-TIER	
Blade		
Width	1.50 m (4 ft. 11 in.)	
Height	320 mm (12.6 in.)	
1.17-m (3 ft. 10 in.) Standard Arm and Standard Counterweight		
	<i>Canopy</i>	<i>Cab</i>
J Upperstructure Width	1.39 m (4 ft. 7 in.)	1.42 m (4 ft. 8 in.)
K Overall Height	2.43 m (8 ft. 0 in.)	2.43 m (8 ft. 0 in.)
L Rear-End Swing Radius	0.80 m (31 in.)	0.80 m (31 in.)
M Minimum Ground Clearance	0.30 m (12 in.)	0.30 m (12 in.)
N Counterweight Height	0.53 m (21 in.)	0.53 m (21 in.)
O Engine Cover Height	1.49 m (4 ft. 11 in.)	1.47 m (4 ft. 10 in.)
P Undercarriage Length	1.96 m (6 ft. 5 in.)	1.96 m (6 ft. 5 in.)
Q Undercarriage Width	1.50 m (4 ft. 11 in.)	1.50 m (4 ft. 11 in.)
R Sprocket Center to Idler Center	1.53 m (5 ft. 0 in.)	1.53 m (5 ft. 0 in.)
S Track Shoe Width	0.30 m (12 in.)	0.30 m (12 in.)



Lift Capacities	26 P-TIER			
1.17-m (3 ft. 10 in.) Standard Arm, Standard Counterweight, and Rubber Track	<i>Canopy, Over Front*</i>	<i>Canopy, Over Side</i>	<i>Cab, Over Front*</i>	<i>Cab, Over Side</i>
Ground Level at 3.0-m (10 ft.) Radius	1200 kg (2,573 lb.)	362 kg (781 lb.)	1201 kg (2,592 lb.)	394 kg (850 lb.)

*Blade down (limited by hydraulics).

Additional equipment

Key: ● Standard ▲ Optional or special
See your John Deere dealer for further information.

- | 26 P Engine |
|---|
| ● Meets EPA Final Tier 4/EU Stage IV emissions |
| ● Engine coolant to -37 deg. C (-34 deg. F) |
| ● Engine preheater |
| ● Fan guard |
| ● Fuel/water separator |
| ● Full-flow oil filter |
| ● Isolation mounted |
| ● Key start switch with electric fuel shutoff |
| ● Single dry-type air filter |
| ● Under-hood muffler |
| Hydraulic System |
| ● Auxiliary function right-hand pilot-lever control |
| ● Auxiliary hydraulic lines to end of boom |
| ● Auxiliary selector valve |
| ● Axial-piston swing motor |
| ● Boom-swing foot control |
| ● Excavator-to-backhoe control pattern change valve |
| ● Open center with 2 variable-displacement pumps, 1 fixed-gear pump, and 1 pilot pump |
| ● Hydraulic pilot-operated controls for boom, arm, bucket, swing, boom swing, blade, and travel |
| ● Wet-disc swing brake |

- | 26 P Undercarriage |
|---|
| ● Planetary final drive |
| ● Propel motor shield |
| ● 2-speed axial-piston propel motors |
| ● Rubber track, 300 mm (12 in.) |
| Upperstructure |
| ● 360-deg. rotation |
| ● Counterweight, cab, 208 kg (459 lb.) |
| ● Counterweight, canopy, 241 kg (531 lb.) |
| ● Hinged service-access doors |
| ● ROPS/TOPS/FOPS (canopy) |
| ▲ ROPS/TOPS/FOPS (cab) with heater |
| ● Vandal protection for service doors and fuel cap |
| ● Reduced-tail-swing configuration |
| Front Attachments |
| ● Arm, 1.17 m (3 ft. 10 in.) |
| ● Backfill blade, 1.50 m (4 ft. 11 in.) |
| ● Boom, 2.10 m (6 ft. 11 in.) |
| ● Mechanical quick-coupler |
| ▲ Augers: Planetary / Chain drive / Bits / Bit adapters |
| ▲ Clamp |
| ▲ Hammers: Points / Tools |
| ▲ Quick-coupler buckets: Bucket teeth / Ditching / Heavy-duty |

- | 26 P Operator's Station |
|---|
| ● Horn |
| ● Hour meter |
| ● Instrumentation lights |
| ● Mode selectors (illuminated): Power mode (I) / Eco mode (I) |
| ● Monitor system: Preheat indicator / Engine oil pressure warning light / Alternator charge warning light / Fuel gauge and low-fuel-level indicator / Engine coolant warning light and alarm / Hour meter / Work lights indicator |
| ● Motion alarm with cancel switch |
| ● Work lights switch |
| ● Propel levers and foldable pedals |
| ● 2 travel speeds with automatic shifting |
| ● Seat belt, 51 mm (2 in.), retractable |
| ● Suspension seat, vinyl, with fore/aft adjustment |
| ▲ Front screen |
| Electrical |
| ● 12-volt accessory outlet |
| ● Alternator, 40 amp |
| ● Low-maintenance battery |
| ● Blade-type multi-fused circuits |
| ● Positive-terminal battery covers |
| ▲ JDLink™ connectivity hardware and John Deere Operations Center™ account |
| Lights |
| ● Work lights: Halogen / 1 mounted on operator's station / 1 mounted on boom |

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions per ISO 9249. These machines are not equipped with spark-arrestor mufflers. Usage in forestry applications is not recommended. 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 canopy unit with standard arm, 457-mm (18 in.) bucket, 300-mm (12 in.) rubber track, 208-kg (459 lb.) cab counterweight or 241-kg (531 lb.) canopy counterweight, full fuel tank; and 79-kg (175 lb.) operator.




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