

D-SERIES

COMPACT EXCAVATORS



JOHN DEERE





Their possibilities are almost endless.

Want to position yourself for greater productivity? Try the D-Series Compacts. Their reduced- (17D) and zero-tail-swing (27D, 35D, and 50D) designs allow these nimble excavators to rotate fully without banging their tails into something. Combined with independent-swing boom and 360-degree rotation, they slip into close quarters comfortably and work with ease around obstacles. But it's not just their shape and small stature that make the 17D, 27D, 35D, and 50D such valuable assets. Numerous enhancements such as higher-torque diesels, quicker cycles, faster transport speeds, and increased drawbar pulls make these highly capable compacts even more able. So you can put more work within reach.



Reduced- and zero-tail-swing designs make these compact excavators even more productive, for extra maneuverability in close quarters.

Spacious operator stations and refined cabs provide best-in-class comfort and visibility.

Quiet-running EPA IT4/EU Stage IIIB (EPA Tier 4/EU Stage IV on 17D) direct-injected diesels deliver generous torque and impressive fuel efficiency.

Standard coupler accommodates a wide variety of available attachments such as hydraulic breakers and augers.

Extended service intervals help maximize uptime and minimize operating cost.



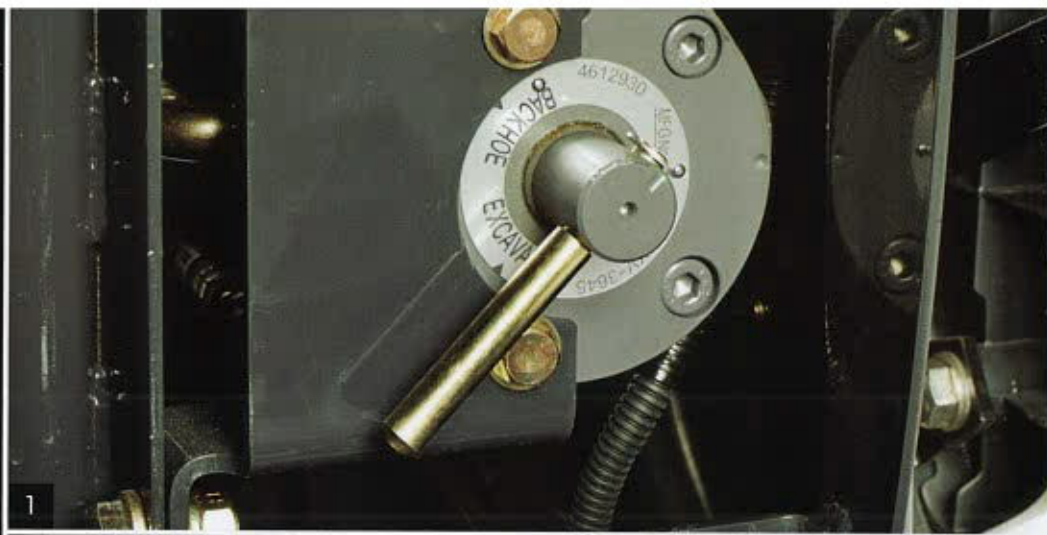
D-Series key specifications	17D	27D	35D	50D
Rated Power	11.0 kW (14.8 hp)	19.7 kW (26.4 hp)	21.3 kW (28.6 hp)	28.4 kW (38.1 hp)
Max. Digging Reach	3.90 m (12 ft. 10 in.)	4.67 m (15 ft. 4 in.)	5.21 m (17 ft. 1 in.)	5.94 m (19 ft. 6 in.)
Max. Digging Depth	2.17 m (7 ft. 1 in.)	2.59 m (8 ft. 6 in.)	3.05 m (10 ft. 0 in.)	3.55 m (11 ft. 8 in.)
Operating Weight	1893 kg (4,173 lb.)	2887 kg (6,358 lb.)	3520 kg (7,760 lb.)	4904 kg (10,811 lb.)

The image shows the operator's seat and control area of a John Deere excavator. The seat is a grey, textured mesh seat. In front of it is a control console with a large joystick for movement, a smaller joystick for boom control, and various buttons and switches. A yellow warning label is visible on the left side of the console. A red "DANGER" label is on the right side of the console. The floor is a dark, textured mat. The overall lighting is dim, highlighting the controls and seat.

A more comfortable interior for a more productive day.

Step aboard one of these John Deere excavators and you'll discover that compacts don't have to be uncomfortable. The D-Series' spacious operator stations won't cramp your style. Seat and controls are positioned to accommodate bigger operators, and unobstructed visibility provides a commanding view of the work at hand and jobsite around you. For year-round comfort and increased productivity, add a heated and air-conditioned cab (not available on 17D). Just like the canopy-equipped models, visibility and roominess are second to none.

1. Go from backhoe- to excavator-style controls with just a twist of your wrist. Control pattern selector valve is conveniently located in a compartment beneath the seat and includes a sight glass that displays the selected pattern.
2. Ergonomic low-effort pilot controls direct an open-center, variable-displacement hydraulic system for exceptionally smooth, combined-function performance. So even unfamiliar operators become proficient more quickly. Auxiliary hydraulics are controlled with the slide switch atop the right-hand lever.
3. Swing boom and foldable travel pedals (on 27D, 35D, and 50D) are positioned to provide efficient operation while maximizing foot room. Generous entryways ease entrance and exit.
4. Gauges and warning lights on easy-to-read monitors (17D shown) provide operating information at a glance.



Bi-fold door latches securely and doesn't protrude beyond the cab for open-door operation. Hinged design allows a wider entryway.

Auto-idle in the 35D and 50D slows engine speed when the pilot-control levers are momentarily released — for reduced fuel consumption and noise. Preset speed resumes when a lever is moved.

Flat, skid-resistant two-piece floor mat removes easily for clean-out, and an under-floor compartment on canopy-equipped models provides convenient storage for extra bucket teeth or tools.

Wide control spacing and adjustable seats provide daylong comfort. Suspension seat is available.

No pedal or operator activation required for high-speed travel on the 27D, 35D, and 50D. Track speeds automatically slow to low whenever the travel motors encounter a heavier load. Includes a console-mounted, low-speed lock switch.



Minimum tail swing, maximum versatility.

Sure, their compact sizes and reduced- or zero-tail-swing designs enable these small but mighty machines to specialize in close-quarters work. But that's not the only reason to run one. Their highly fuel-efficient, direct-injected diesels are noticeably quiet so you can put them to work almost anywhere, any time. Standard-equipped with backfill blade, mechanical quick-coupler, and auxiliary hydraulics, plus any of the many optional Worksite Pro™ attachments, they can make a sizeable impact on your versatility. As well as your bottom line.



1. Need more digging depth or reach? Choose the long-arm/heavy-counterweight option that provides an increase in both.
2. The 35D and 50D can be equipped with an optional, hydraulic, adjustable-angle backfill blade that features 25 degrees of adjustment to both the left and right for more efficient trench backfilling. Blade angle changes easily with buttons on top of the blade-control lever.
3. High sideboards are no problem for these compacts. Lift height and reach are plentiful, making truck loading easy.
4. Why allow obstacles to dictate how you work? Get a D-Series Compact and put its independent-swing boom and 360-degree rotation to good use.
5. Choose the tracks that are best for the way you work. Rubber tracks traverse virtually any terrain, including paved surfaces. Steel tracks and steel tracks with rubber pads are also available. The optional rubber grousers (shown) combine work-anywhere flexibility with steel-track serviceability.

