

CASE

**K SERIES CRAWLER DOZERS
1650K/1850K**



CUSTOMER SUPPORT

The Case dealer: Your professional partner



World-class construction equipment is just the start with Case. Consider your Case dealer your partner to find the right options for you to meet your job demands, including maintenance options, financing, attachments, and the right machine size.

Case dealers help you maximize machine uptime—and profit. From high-tech tools designed to track equipment and manage a fleet, to service solutions performed right on the job site, Case dealers take the worry out of managing equipment.

Case dealers stand behind the equipment they sell with the strength of factory-trained technicians, a global parts network, and outstanding warranties. To get through those high-demand projects, you can rely on your Case dealer for complete purchase, lease, and rental solutions.

Through Case Credit, your local Case dealer offers flexible financing options, leasing packages, and insurance services to protect your investment.

You need more than great equipment. Case dealers deliver.



POWERTRAIN

The Heavyweights of the Case K Series... the 1650K and 1850K Crawler Dozers

Power behind the push

For the really big jobs, you need a crawler dozer with the fortitude to push dirt, mud, or whatever Mother Nature deals on a given day. While the powertrain provides the driving force behind any crawler dozer, you need a heavy-duty engine to power it. The 1650K and 1850K get their power from tried and true 6-cylinder Cummins diesel engines. These rugged engines are extremely durable and feature outstanding fuel economy.



With a 5.9-liter engine in the 1650K and an 8.3-liter engine powering the 1850K, these dozers keep pushing on, hour after productive hour.

Premium push power

Smart engineering makes the most of power and speed—the torque converter automatically matches speed to load conditions for optimal push power while preventing driveline shock, protecting your investment. Torque multiplication delivers maximum drawbar pull—on the 1850K, that's 64,080 lb (285.0 kN) in first gear.



Three-speed Powershift Transmission smoothes the ride

The Case three-speed Powershift Transmission provides outstanding durability and performance, with electronically controlled, smoothly modulated shifts. The Powershift Transmission features two special modes, Auto Shift and Auto Load.

In the Auto Shift Mode, the unit shifts from 1st forward to 2nd reverse, and back to 1st forward for faster, easier, and more efficient operation. This is really handy when you're doing precision grading work.

In the Auto Load Mode, the transmission downshifts automatically when engine RPM drops below the preset speed, allowing you to concentrate on the job. Auto Load is designed for high speed bearing loads such as light grading.

Doze where you want to...Power Steer moves you in the right direction, wherever it is

The exclusive Case hydraulic variable Power Steer feature delivers maximum power to both tracks. This feature lets you push a full load of material through a turn with no problem. A single, easy-to-use lever controls both direction and steering. The drivetrain delivers outstanding power to each track through beefy double reduction final drives.

There's absolutely no need to brake or lift the blade to lighten the load when turning—no wonder we call it "Power Steer." This means you'll make fewer passes to move material for greater productivity. You'll find these dozers are much more productive than competitive machines using clutch and brake steer systems. And the Power Steer feature makes the dozer easy to run, improving productivity, reducing operator fatigue, and lowering operating cost per cubic yard.

Maximum maneuverability

Counter-rotation gives you maximum maneuverability. One track moves forward, one track reverses, and the dozer rotates in place. The 1650K and 1850K can turn within their own length. It doesn't get any better than that.

1650K/1850K CRAWLER DOZERS

Power and Versatility

Blade visibility —

Visibility to the blade is important for precision work – even with machines as productive as these. The narrow dash and tapered engine compartment on these dozers permit the operator to see the cutting edge of the blade and monitor material flow off the blade.



Equalizer Beam Suspension —

The Case 1650K and 1850K dozers feature an oscillating undercarriage, which means the tracks follow the terrain, no matter what the conditions, for outstanding traction, stability, and blade control. The oscillating undercarriage makes these dozers highly productive in all kinds of applications, generating greater revenues for your business.



Tapered Track Covers —

Smooth tapered track covers are just one of the standard features included on the Case 1650K and 1850K dozers to help ensure long life and minimize owning and operating costs. Track covers contribute to longer undercarriage life by minimizing packing and resultant undercarriage component abrasion.



Iso-Mounted Cab/ROPS —

The operator platform is isolation mounted from the main frame to cushion your body from the effects of noise and vibration, providing a comfortable ride, reducing fatigue, and increasing your productivity levels.

Long Track, Wide Track, and Low Ground Pressure Versions —

The 1650K and 1850K are available in a wide variety of undercarriage and blade versions to match application requirements. Correctly matching the machine configuration to the application results in maximum productivity and efficiency and improves your bottom line.

The Long Track (LT) is perfect for rough grading and stumping. Select the Extra Long Track (XLT) version for precision grading and increased flotation. The Wide Track (WT) version provides extra stability and accommodates wider blades for finish grading or slope work. For applications requiring lower ground pressure, the LGP Track version maximizes flotation while providing superb blade coverage. Ask your Case dealer to help you determine the best track/blade combination for your application.



OPERATOR ENVIRONMENT

In this cab, you'll hardly know you're outdoors

The luxurious cab available on the 1650K and 1850K dozers gives an exceptional view to the blade and provides a comfortable working space you'll tailor to fit your needs. The heating, ventilation, and cooling system keeps the environment just right—no matter what the weather conditions! All cabs are equipped with a mechanical suspension seat, adjustable armrests, feature low dB(A), and are radio-ready. Add in the optional, air-suspension, 15-degree swivel seat, and protected from the elements, you'll feel like you're enjoying a day inside, not working outdoors.

Visibility

Expansive, tinted glass provides 360-degree visual command of the entire job site. All-around visibility is outstanding. The tinted glass helps reduce eye strain from long days in the sun, reducing fatigue and increasing productivity.



Intuitive controls

Ergonomically designed controls help keep you relaxed yet focused on the job. The intuitive, single-lever steering/directional control and the pilot-operated hydraulic control (on the right in picture above) make operation of these dozers a breeze. If you're a novice operator, you'll be up to speed quickly. If you're highly experienced, you'll be more productive than ever.



ATTACHMENTS

To add versatility to your Case dozer, equip it with attachments designed for your application. Attachments include:

Specialty Blades
Fairlead/Arches
Rippers

Winches
Forestry Guarding

Root Rakes
Drawbar

Please see your Case dealer for special application needs.

SERVICEABILITY

Designed with easy access in mind

Lightning-fast serviceability keeps the 1650K and 1850K dozers running at peak performance — when they are most profitable. Easy access to components also reduces owning and operating costs. The 1650K and 1850K were designed with easy access maintenance foremost in mind.

Swing-out side shields, grille and belly pans provide quick access to grouped, spin-on filters and make clean out easy.



Tilt cab provides easy access

Should your 1650K or 1850K need repair, the operator platform can be tilted in less than 10 minutes to provide convenient access to the drivetrain and hydraulic components for minimized downtime.

A lift-out radiator sand screen, auto belt tensioner, sight gauges for coolant and the hydraulic system, remote drain lines for fluids, and easy-access diagnostic test ports make the 1650K and 1850K dozers as easy to care for as they are to operate. Contact your Case dealer for a demonstration today.



1650K/1850K CRAWLER DOZER

Quick Specs

1650K

- **Engine** 140 net hp (104 kW)
- **Operating Weight**
XLT 33,780 lb (15 355 kg)
LGP 35,700 lb (16 230 kg)
- **Blade capacity**
XLT 4.12 yd³ (3.15 m³)
LGP 4.3 yd³ (3.3 m³)
- **Track on ground** 118 in (2990 mm)

1850K

- **Engine**
LT 180 net hp (134 kW)
XLT 180 net hp (134 kW)
LGP 194 net hp (145 kW)
- **Operating Weight**
LT 43,762 lb (19 850 kg)
XLT 45,415 lb (20 600 kg)
LGP 48,590 lb (22 040 kg)
- **Blade capacity**
LT 7.3 yd³ (5.6 m³)
XLT 7.3 yd³ (5.6 m³)
LGP 4.8 yd³ (3.7 m³)
- **Track on ground**
LT 106.3 in (2700 mm)
XLT 126 in (3200 mm)
LGP 126 in (3200 mm)



Safety Never Hurts![™] Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.

NOTE: All engines meet current EPA emission regulations.

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

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