

CASE
CONSTRUCTION

L SERIES CRAWLER DOZERS

650L LT | 650L WT | 650L LGP



Case Delivers Full-Service Solutions

EQUIPMENT | FINANCING | PARTS & SERVICE

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When the job calls for heavy earthmoving, site prep, steep slope work or rough and finish grading, you need a crawler dozer with superior push power, control and maneuverability. Plus, if you're on the job site from sunup to sundown, you also need a cab that keeps your operator comfortable all day. The Case 650L crawler dozer is powerful, easy to operate, durable, comfortable and long on uptime – just what you need to be more productive.

More push power

This machine has the muscle and finesse to get the job done quickly. The new Tier 3-certified engine produces 74 net horsepower. The hydrostatic PowerStat drivetrain delivers outstanding power to each track through sturdy drive motors. More material is pushed through the turn, reducing the number of passes required.

Easy, precise operation

The easy-to-use, single-lever travel control allows for efficient, precise operation and the low-effort blade control provides simultaneous multifunction control. You can maintain power to both tracks while turning, allowing you to push a full load through a turn without losing control of the load or raising the blade.

Superior comfort and visibility

To get the most out of every day, the isolation-mounted operator's station has been designed with more comfort, productivity and safety in mind. The operator's compartment provides the clearest view to the blade and the entire job site. For maximum operator comfort, the optional cab includes heat, defroster, air conditioning, front windshield washer and an air suspension seat.

Built-in serviceability increases uptime

Case leads the industry in serviceability. Eye-level fluid sight gauges and ground-line service checks provide simple daily maintenance. The tilt-over operator's platform offers convenient access to powertrain components and optional diagnostic test ports make the Case dozers as easy to care for as they are to operate. These advantages boost uptime and lower ownership costs.



650L LT





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Tier 3-certified engine

The 650L crawler dozer is powered by a 4.5-liter turbocharged Case Tier 3-certified engine, which delivers 74 net horsepower and provides clean burning power and plenty of torque to move more material per hour. Charge air cooling and high pressure, common rail injection lines with electronic injectors offer smooth power and excellent fuel efficiency.



Hydrostatic drive delivers maximum power

The Case PowerStat system has a dual path hydrostatic drive that delivers superior power to each track through large drive components. Hydrostatic pumps are isolation-mounted to the frame for quiet, smooth and more comfortable operation.



Undercarriage options

Case Lubricated Track is sealed and lubricated with an oil reservoir in each pin. Case Extended Life Track, shown here, uses a large diameter, hardened bushing that is free to rotate on the standard bushing, providing outstanding durability and life in abrasive conditions.



Adjustable blade pitch

Blade pitch is easily adjusted with a built-in tool from a maximum 52 to 60 degrees to best match soil conditions.



Sloping track frame covers

The 49-degree sloping track frame cover and ample space between the track and machine make it easy to keep the undercarriage free of dirt, rocks and debris.



Courtesy of MachineMarket



Quieter, more comfortable cab

The optional isolation-mounted cab makes the 650L one of the quietest working spaces in the industry. A fully adjustable cab environment enables you to match any operator preference.



Low operating height

The height to the top of the ROPS is 104 inches, making this machine ideal for residential construction projects. The low overall operating height allows for easy transport.



High visibility

The narrow Advanced Instrumentation Cluster and tapered hood provide wide open visibility to the blade to gauge material flow.



Single-lever blade control

The low-effort single-lever control for the six-way blade simplifies operation and gives the operator complete control of the blade.



More uptime and productivity

Keeping your Case crawler dozer in top running shape requires less effort, thanks to the ground-line access to the engine and all daily maintenance checkpoints. Even hydrostatic components are quickly accessible through the easy-tilt operator's seat.



A variety of attachments

Optional attachments are available to increase your productivity. Do more with one machine by adding a winch, ripper, retrieval hitch or drawbar.

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More push power

Case designed the dual path hydrostatic drive to deliver the muscle to push the fullest blades through turns – and reduce the number of passes required to move material. You'll feel the powerful, turbocharged Tier 3-certified engine (74 net horsepower) as soon as you get behind the controls. Plus, the multiple speed settings and infinitely variable steering provide maximum maneuverability with counter rotation.

Easy, precise operation

When it comes to operating a rugged earthmoving machine, it doesn't get much easier – or more precise – than Case crawler dozers. The single-lever control for the six-way blade simplifies operation. You can also adjust the sensitivity of the steering and forward/reverse modulation to match personal preferences or applications.

The easy-to-operate controls boost productivity, and the advanced hydraulics and steering combine for a smooth operation whether the job involves heavy dozing or finish grading.

Superior comfort and visibility

The isolation-mounted cab on the 650L cushions against noise and vibration to keep you comfortable and productive all day long. For added comfort, heat, air conditioning and an air suspension seat are available.

Panoramic tinted glass gives you maximum forward, side and rear visibility. The narrow, modular dashboard provides a clear, direct line of sight to the cutting edge, making it easy to gauge the flow of material under the blade.

Built-in serviceability increases uptime

Case crawler dozers are as easy to service as they are to operate. Swing-out service panels for easy access and ground-line sight gauges for hydraulic fluid levels help speed up daily maintenance. Optional hydraulic test ports provide fast and easy troubleshooting. The easy-tilt operator's seat provides convenient access to hydrostatic components within minutes.

For easy undercarriage cleaning, the 650L is equipped with a 49-degree sloping track frame cover and ample space between the track and machine to help keep the undercarriage free of dirt, rocks and debris.

Case crawler dozers are engineered for easy daily maintenance and routine service – which increase your uptime and profits.



You can count on Case

You can count on Case and your Case dealer for full-service solutions—productive equipment, expert advice, flexible financing, genuine Case parts and fast service. We're here to provide you with the ultimate ownership experience.

Case pride

You can take pride in the Case name on your machine. It's backed by more than a century of productivity and performance. Case and your Case dealer are here for you, not only when you buy the machine, but also after you put 1,000 or 10,000 hours on it.

A rich, proud history

Case Construction Equipment's heritage spans more than 165 years. Growing from J.I. Case's innovations with steam-powered machinery in the late 1800s, Case developed road-building equipment that helped create early 20th century streets and highways across the world. By 1912, Case was well on its way to establishing itself as a full-line equipment manufacturer. The company continued to expand its construction equipment business over the years.

Celebrating a tradition of innovation

In 1957, Case produced the world's first integrated loader/backhoe made and warranted by one manufacturer. Over the decades and into the 21st century, Case has continued to develop a long line of industry firsts and has taken a leadership role in pioneering new products and solutions. Today, Case produces 15 lines of equipment and more than 90 models to meet your toughest construction challenges. Supported by manufacturing and sales in more than 150 countries, Case serves the needs of our customers worldwide.

Coast-to-coast customer support

In North America, Case equipment is sold and serviced by more than 375 dealer locations. No matter where you work, we're here to support and protect your investment and exceed your expectations.

To locate a Case dealer or learn more about Case equipment or customer service, go to www.casece.com or call 1-866-54CASE6.

It all adds up. You can count on Case.

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650L	LT Long Track	WT Wide Track	LGP Low Ground Pressure
Engine	74 net hp (55 kW)	74 net hp (55 kW)	74 net hp (55 kW)
Operating weight	16,250 lb (7371 kg)	16,800 lb (7619 kg)	17,550 lb (7959 kg)
Blade capacity	1.7 cu yd (1.3 cu m)	2.0 cu yd (1.5 cu m)	2.2 cu yd (1.6 cu m)
Case Extended Life Track on ground	84 in (2.1 m)	84 in (2.1 m)	84 in (2.1 m)
Biodiesel	B20	B20	B20



650L LT



650L WT



650L LGP

NOTE: All engines meet current EPA emission regulations.

NOTE: All specifications are stated in accordance with SAE standards or recommended practices, where applicable.

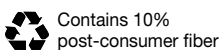
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Always read the operator's manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

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