

L SERIES CRAWLER DOZERS
1650L

CASE
CONSTRUCTION



L Series

CUSTOMER SUPPORT



Your Case dealer provides product support that keeps your machine up and running on the jobsite.

The Case dealer: Your professional partner

Your success starts with world-class Case machinery and attachments. Your Case dealer will help you work smarter and faster by selecting equipment that delivers performance and operator comfort. Your dealer has the knowledge and experience necessary to help you choose the right attachments so you can...

- Work faster and extend equipment life.
- Increase machine utilization.
- Increase your capabilities.

Let your Case dealer service your machine on the jobsite. You'll be

back on the job faster. Advantages include...

- Responsive jobsite service to keep your equipment running.
- Increased machine uptime.
- Certified service staff and improved parts availability.

Manage your equipment better. The Case Care PlusPacSM is a pre-paid maintenance plan designed especially for your machine. Factory-trained Case technicians perform routine inspections and regular service to prevent problems.

Other plans, such as the Machine Protection PlusPacSM, can be purchased to extend protection beyond the base warranty. Add the GlobalTRACS[®] Fleet Management Communications System to give you the information to better manage your fleet while protecting it against theft.

Ask your local Case dealer about adding value to your machine and peace of mind to your workday with these helpful products.



THE NEW 1650L CRAWLER DOZER

Raising the bar...

Leading the charge of the new Case L Series crawler dozers is the powerful 1650L. Equipped with a 6.7-liter turbocharged Case Family IV engine that maximizes power and increases fuel efficiency, the 1650L is designed to increase your productivity. A high-performance hydrostatic drive powers through turns, and the new low-effort adjustable blade allows you to quickly match the pitch of the blade to the material.



To maximize your productivity on the job, the spacious, isolation-mounted cab cushions your body from the effects of noise and vibration and provides excellent visibility to the blade and surrounding work site.

Easy-to-operate controls make the 1650L ideal for residential and commercial construction, utility, and roads and bridges applications.



Powerful 6-cylinder engine

The Case 1650L crawler dozer provides exceptional productivity and makes quick work of the job at hand, delivering 144 net horsepower with a tough six-cylinder, 6.7-liter turbocharged Case Family IV engine. With electronic fuel injection and a charged air cooler, it delivers maximum fuel efficiency and reduces emissions. The engine is connected to the hydrostatic pumps by a drive shaft, which reduces machine vibration and makes the 1650L more comfortable to operate.

Hydrostatic drive for maximum control

The key to maximum productivity on the 1650L dozer is the high-performance PowerStat hydrostatic

drive. Rugged drive motors deliver power independently to each track so you can push a full blade through curves and turns. Case PowerStat reduces the number of passes, boosting productivity and lowering operating cost per cubic yard of material moved.



The new single-lever control on the 1650L provides infinitely adjustable steering options for precise and easy operation. By tilting the lever in the direction you want to go, you can slow the track on that side to turn the machine. When the lever is completely pushed to the side, the machine will counter rotate. You can also maintain power to both tracks while turning and push a full load through turns without losing control of material, braking or raising the blade.

You can also adjust the sensitivity of the steering and the forward/reverse modulation to your personal preference or application conditions.



L Series

HIGH-PERFORMANCE PUSH POWER



Today's challenging site prep jobs require a crawler dozer that can tackle steep slope work and rough and finish grading with ease. The Case 1650L delivers high-performance push power, precision and speed in one package so you can get on and off the job site faster.

Adjustable blade pitch boosts productivity

The blade hydraulics on the Case 1650L crawler dozer feature powerful cylinders able to move the blade with ease and control. Low-effort electronic blade control provides simultaneous, multi-function movement.

Boost productivity with the mechanical pitch adjustment that allows you to easily position the blade from a maximum 50 degrees forward to 60 degrees rearward to quickly match the angle of the blade to the soil conditions.



	Blade Width	Blade Capacity
1650L XLT	126 in (3.2 m)	4.1 cu yd (3.1 cu m)
1650L WT	157 in (3.9 m)	4.2 cu yd (3.2 cu m)
1650L LGP	157 in (3.9 m)	4.2 cu yd (3.2 cu m)



STURDY UNDERCARRIAGE

The undercarriage of the 1650L provides precise, stable and low-cost operation. Heavy-duty pins, bushings and rollers provide long-term, hassle-free track life. The pinned equalizer beam suspension provides a smooth ride, stability and maximum traction for work on slopes, stump removal or pushing hard at low speeds—no matter what the conditions.

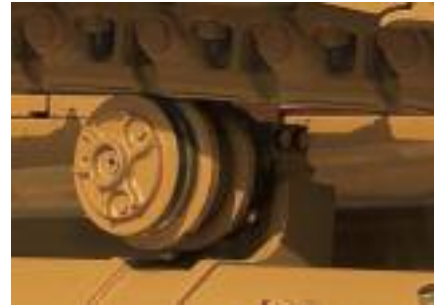


Smooth, tapered track covers provide easy undercarriage cleaning.

Track configurations to match the job

The 1650L, like other Case crawler dozers, is available in a wide selection of high-quality undercarriage configurations for maximum versatility. The XLT configuration is ideal for precision grading. The WT configuration provides extra stability and accommodates wider blades for finish grading or slope work. The LGP configuration maximizes flotation for applications requiring lower ground pressure. Your Case dealer can help you select the track system that best suits your needs.

Standard on all units, Case Lubricated Track (CLT) is sealed and lubricated with an oil reservoir in each pin. The pins and bushings are sealed to keep contamination out while maintaining lubrication, which extends wear life between the pin and bushing.

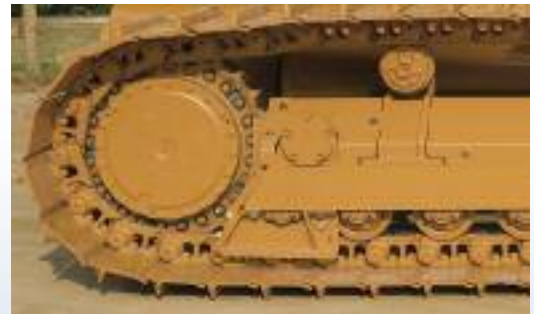


Two track frame-mounted carrier rollers maintain proper track tension.

The Case Extended Life Track (CELT) provides outstanding durability and life in abrasive soil conditions. CELT uses a large diameter, hardened bushing that is free to rotate on the standard bushing, which allows wear to be distributed over the entire circumference of the outer bushing.



	Track Gauge	Grouser
1650L XLT	74 in (1.8 m)	24 in (610 mm)
1650L WT	84 in (2.1 m)	28 in (711 mm)
1650L LGP	84 in (2.1 m)	34 in (864 mm)



L Series



The operator's platform is isolation mounted, providing more comfortable operation.

SUPERIOR OPERATOR ENVIRONMENT



Comfort, power and visibility

Sit in the 1650L crawler dozer and you'll instantly notice the advantages of the operator platform. Easy-to-read instrumentation, comfortable controls and a large rearview mirror let you operate with ease.



Expansive view, expansive work platform

Visibility to the blade and surrounding worksite from the cab is excellent. The narrow, modular dashboard provides a direct line of sight to the cutting edge, while the tapered hood and cowl give you a direct line of sight to the back of the blade to gauge material flow. The blade angle increases visibility to the cutting edge, allowing you to keep an eye on the material. Entering and exiting

the cab is easy with doors that open flat to the side of the cab.

The operator's platform is isolation mounted from the main frame to cushion your body from the effects of noise and vibration. A comfortable ride reduces fatigue and increases your productivity. For added comfort, an air-ride suspension seat is available. A deluxe cab, with heat and air conditioning offers year-round climate controlled comfort.

EASY SERVICE AND MAINTENANCE

Designed for maximum uptime



The 1650L was designed with best-in-class maintainability in mind.

At Case, we know the easier it is to perform maintenance on your machine, the more likely it will get done. We designed the 1650L crawler dozer with best-in-class maintenance in mind. Keeping your Case crawler dozer in top running condition requires less effort, so you have more time on the job—making money.

Daily service and maintenance can be completed quickly, with fluid sight gauges positioned at eye level. And the quick-disconnect diagnostic test ports make the 1650L as easy to troubleshoot as it is to operate. You'll get a faster start and be more productive, thanks to the easy-to-reach daily service checkpoints.

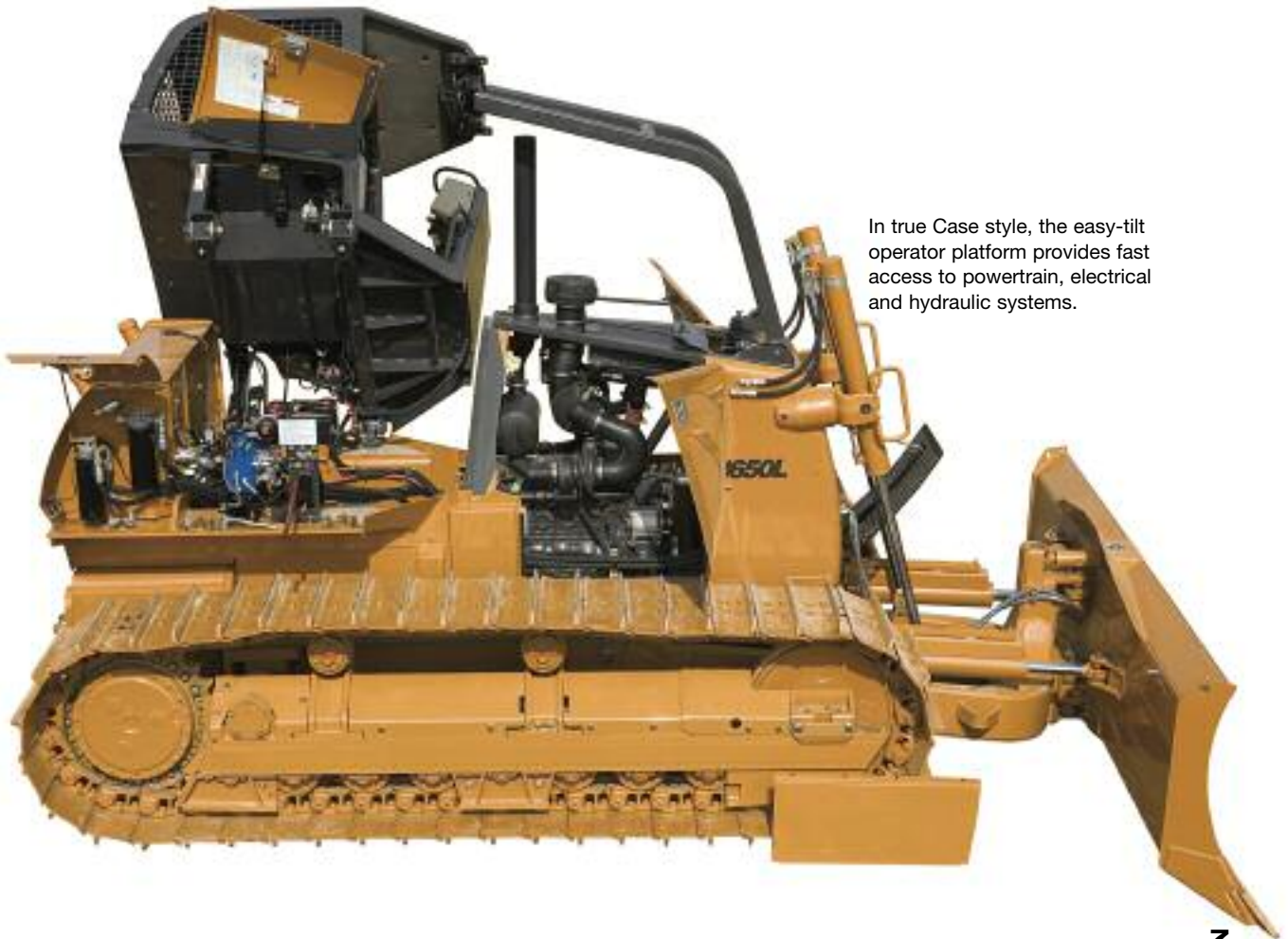


Swing-out access doors, side shields and grille provide quick cleanout and easy access to spin-on filters. Should your dozer need service, the easy-tilt system tips the operator



platform in less than 10 minutes, providing fast, convenient access to the electrical and hydraulic systems.

Your Case dealer is the optimum source to keep your machines in peak condition with expert technicians, OEM parts and fluids and a commitment to all your equipment needs.



In true Case style, the easy-tilt operator platform provides fast access to powertrain, electrical and hydraulic systems.

1650L CRAWLER DOZER QUICK SPECS

1650L XLT Long Track

Engine	144 (107 kW) @ 2200 rpm
Operating weight	35,203 lb (15 965 kg)
Blade capacity	4.1 cu yd (3.1 cu m)
Track on ground	120 in (3.0 m)

1650L WT Wide Track

Engine	144 (107 kW) @ 2200 rpm
Operating weight	36,691 lb (16 640 kg)
Blade capacity	4.2 cu yd (3.2 cu m)
Track on ground	120 in (3.0 m)

1650L LGP Low Ground Pressure

Engine	144 (107 kW) @ 2200 rpm
Operating weight	37,578 lb (17 042 kg)
Blade capacity	4.2 cu yd (3.2 cu m)
Track on ground	120 in (3.0 m)

NOTE: All engines meet current EPA emission regulations.

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

IMPORTANT: Case Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your Case dealer/distributor will be able to give you details of the products and their specifications available in your area.



**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.

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