

# DEVELON

-7 Series

## Log Loaders & Road Builders

DX225LL-7 / DX300LL-7  
DX225RB-7 / DX300RB-7



# DEVELON

## Continuous evolution, for better.

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We trace our roots to 1937 as one of Korea's first large-scale machine plants. During that time, we have consistently delivered earth-moving equipment to build critical infrastructure for the betterment of communities, societies and the wider world.

**We are  
DEVELON.**

DEVELON is a bold name that reflects our core ambition to continue developing onward and leaving behind a positive footprint in our world. Moving forward, we will continue providing innovative products and solutions that advance the world we live in today.



# Your Local Dealer Is Dedicated to Your Success.

Your local DEVELON dealer is here for you: helping to solve your unique business challenges and advance the development of your community. Our dealers provide a full lineup of highly productive and fuel-efficient equipment, outstanding value and comprehensive services to help build your success.

**Expanding Equipment Lineup**

DEVELON continues to expand our innovative and durable lineup of equipment, providing more of the resources you need to take on a variety of projects and expand your business. Talk with your dealer to find the right equipment, attachments and technologies to move ahead.

**Authorized DEVELON Service Technicians**

You can count on experienced and highly skilled professional technicians from your local dealership to keep your valuable DEVELON equipment running at peak performance. You'll get responsive service, reliable parts and trusted advice.

**Parts Availability**

With two DEVELON-exclusive parts distribution centers in Georgia and Washington state, your dealer can offer more parts inventory and faster delivery.

**Machine Assembly Facility**

A dedicated facility in Georgia tailors the equipment configuration and final machine assembly for faster delivery.



# Built for Extreme Working Conditions.

DEVELON has a strong history of meeting the needs of owners and operators in the challenging timber industry. Our lineup of reliable log loaders and road builders includes durable components and powerful features designed for superior performance, productivity and safety.



### Operator Comfort

- Optional Forestry Cab
- 4-Foot Cab Riser for Increased Visibility
- Spacious Cab
- Automotive-Style Heat and Air Conditioning
- Selectable Control Pattern
- Heated and Cooled Air-Suspension Seat

### Durable Construction

- High-Walker Undercarriage
- Heavy-Duty Upper Structure
- Quarter-Inch Side Panels

### Powerful Performance

- Selectable Power Modes
- Maximized Lifting Capacity
- Optimized Horsepower
- Fast Cycle Times
- Increased Tractive Force
- Fine Swing Function

### Smart Technology

- Standard Rearview and Side View Cameras
- MY DEVELON Fleet Management Telematics
- Mechatronics Design

### Road Builder Configuration Available

- High, Wide Undercarriage
- Standard-Height ROPS Cab
- Heavy-Duty Track Links
- Full-Length Guiding Guards
- Attachment Versatility
- Rotating Beacon

# Fast, Powerful and Efficient.

DEVELON log loaders are developed specifically to make every phase of forestry work more productive. Reliable hydraulics, high horsepower and superior torque characteristics help you move more timber per day.

### High Tractive Force

With increased tractive force, the -7 Series log loaders can travel across uneven or soft terrain and push down trees more efficiently.

### Lifting Capacity

Lift more weight with each cycle and complete jobs faster. With an optimal loading reach, loading height and lift position, you can lift and place logs with confidence.

### Fast Cycle Times

Two variable-displacement axial piston pumps with regeneration deliver superior hydraulic flow and pressure that maximize cycle times and efficiency. The robust hydraulics deliver ample power to the work group and attachment to quickly load trucks.

### Fine Swing Function

The fine swing function on -7 Series log loaders reduces the amount of swinging when working with heavy loads, resulting in better control and safer operation.



### High Horsepower

Optimized horsepower gives you better performance for tough forestry applications, from harvesting and shovel logging to sorting and loading.

### Fuel Efficiency

The DEVELON log loader's efficient horsepower curve delivers increased torque while using less fuel. Its high-pressure common-rail (HPCR) fuel injection system aids in reducing emissions and allows the Tier 4-compliant diesel engine to save fuel and improve performance.

The Mechatronics Design maximizes machine productivity and optimizes fuel consumption. It connects the log loader hydraulic system and engine controls via a data transfer link and has four power modes.

### One-Touch Power Boost

The convenient button on the right-hand joystick provides a momentary hydraulic boost when more lifting power is needed. (Available on DX225LL-7 and DX300LL-7 models.)



### Selectable Power Modes

Take control of your log loader's performance when pioneering a tract and sorting or loading logs. Manage the balance of fuel consumption and machine power, and customize performance to the task.

- **Power+ mode** for increased efficiency when loading trucks.
- **Power mode** for improved productivity when loading trucks and fast travel speed to save time.

- **Standard power mode** for optimizing fuel consumption and delivering high performance for lifting.
- **Economy mode** for reduced fuel consumption on low-demand applications and slowing down machine movement on tasks that require extra precision.

The standard **auto idle** feature automatically idles the engine when machine functions are not used for up to four seconds. This reduces noise, improves job site communications and saves fuel. When you move the controls, the log loader automatically returns to your previous throttle setting.

When **auto shutdown** is enabled, operators can configure the idle time before the log loader shuts down automatically — from three to 60 minutes — to save valuable fuel for more productive operation.

When turning, pushing and maneuvering, **auto downshift** reduces hydraulic flow to the drive system to improve machine responsiveness and controllability. When the load decreases, the log loader automatically shifts into high range.

A standard **straight travel pedal** allows you to travel in a straight line more easily, increasing your efficiency during operation.

# Built as Tough as the Toughest Environments.

With roots in performance and strength, DEVELON log loaders are designed to withstand the unique challenges of demanding forestry work. Protected with solid construction and heavy-duty features, they keep you running longer with minimal downtime and fewer service calls.



### Fully Guarded, High-Walker Undercarriage

DEVELON log loaders are equipped with a stable, fully guarded, heavy-duty, high and wide undercarriage. Durable top rollers and special cleanout brackets keep you mobile and productive. The tracks feature heavy-duty links with double grouser shoes and full-length track guiding guards. Standard rock guards protect tracks from debris, and an improved front guard further protects log loader components.

### Upper Structure

Forestry protection extends to the upper structure. Machine guarding includes mainframe reinforcement with full under-house plate guarding, boom cylinder guard, integral catwalks, heavy-duty side doors with guarding over the hydraulic pump and cooling system doors, along with the undercarriage guarding. The cab features a 4-foot riser with robust front and top guarding, providing protection without sacrificing visibility. The log loader cab also features hydraulic 90-degree tilting for transport.

### Front Guard and Front Cylinder Guarding

A reinforced front guard provides added protection for log loader components from the debris and obstacles encountered on the job. A robust guard protects both the boom and arm, which limits machine downtime due to damage.

### Quarter-Inch Side Panels

These thick-skinned log loaders are made to withstand the shocks and impacts encountered on logging job sites, protecting your machine's vital components for maximum uptime.

### Permanently Sealed, Lubricated Track Pins

Pin links are permanently sealed. They never need greasing, helping to reduce your operating costs and increase your uptime.



### Air-to-Air Fuel Cooler

The air-to-air fuel cooler reduces fuel temperature to increase your machine's overall efficiency and protect engine components.

### Variable-Speed Cooling Fan

The hydraulic oil cooler uses a variable-speed cooling fan. The fan speed changes as required by the demands of your log loader. When doing harder work, the fan runs faster for optimized cooling. When you're in lighter-duty conditions, the fan runs slower to increase efficiency and reduce noise.

### Split Cooling

The split cooling system allows the oil cooler and radiator to operate independently to ensure optimal hydraulic system and engine temperatures, even in severe working conditions. The system increases cooling capacity while protecting and extending the life of engine components.

### Radiator With Reversible Fan

The reversible fan blows debris away from the radiator, keeping it clean and running efficiently. Cooling compartments with reversible fans increase the -7 Series log loader's cooling performance and simplify maintenance.

# Focused on Improving Operator Productivity.

When you're comfortable, you're more productive. DEVELON log loaders deliver the comfort, control and visibility required for you to remain focused and do your best work — even on the most challenging days.



### Comfortable Cab

- The large, all-weather steel cab combines superior comfort, excellent visibility, low noise levels and a roomy environment. The air-suspension heated and cooled seat adjusts to your height and weight and features adjustable head and armrests and an optional 4-point seat belt. Joystick controls move up and down for more ergonomic operation to reduce operator fatigue.
- The optional side-entry forestry cab is certified for Oregon OSHA and British Columbia WCB standards. It features a guarded polycarbonate front window, polycarbonate side and rear windows and a rear secondary exit.

### Quiet Operation

- A complete, sound-isolating cabin seal reduces the noise inside the pressurized cab to an extremely low level. Compartmentalized components reduce noise output outside the cab. Even the cabin frame and seat are designed to absorb vibration and significantly increase operator comfort.
- The standard hands-free audio system allows you to pair and connect a Bluetooth® device, make or answer phone calls, or play audio from a USB device.
- A built-in public address (PA) system allows the operator to speak to individuals across the job site without leaving the cab, ensuring a safer work area.



**Visibility**  
Sightlines are critical for operator performance, and DEVELON log loaders provide the best possible view from inside the cab.

- The guarded, 4-foot cab riser provides a vantage point over the truck for superior productivity when loading, and the cabin has large front and side windows, narrow corner pillars with small window joints, and a pillar-mounted wiper.
- LED front and rear working lights, standard on -7 Series machines, help you spot obstacles when there is little sunlight, before sunrise or after sunset.
- Protect your machine and increase safety with the rearview camera and side view cameras (standard on -7 Series machines), which can be viewed on the LCD panel.



### Easy-to-Read LCD Monitor

A multi-function color LCD monitor shows a variety of diagnostic information, including operation history, flow rate control and filter/oil information. It also displays video from the standard rearview or side view camera. Use the hybrid screen mode to see machine information and the camera at the same time.



### Automotive-Style Heat and Air Conditioning

High-capacity heating and cooling vents, and an easy-to-control temperature, keep you comfortable in every season. Automatic temperature control senses and adjusts to the temperature setting automatically.

### Selectable Control Pattern

Operator can change the preferred control pattern to match individual preferences — ISO or BHL.



### ROPS/FOPS Cab

DEVELON -7 Series log loaders meet the safety standards of ROPS (roll over protection structures) and FOPS (falling object protective structures) requirements.

# Easier Maintenance Helps Protect Your Investment.

DEVELON log loaders offer easy access to key service areas, include extended maintenance intervals and provide diagnostic tools to keep you informed of your machine's health.

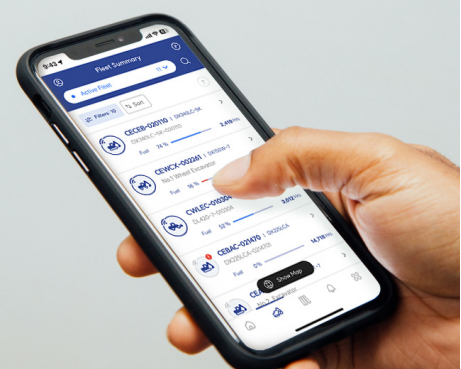
### Easy Component Access

Access panels are easy to find and open from the top, bottom and sides of the log loader. A large engine panel provides plenty of room to reach the top side of the engine, while a hinged belly pan allows access from the bottom. Wide, solid steel side panels provide access to regular daily maintenance items, which makes for quick, easy service and a lower cost of operation.



### Self-Diagnostics

The LCD monitor helps you monitor critical systems in real time. Plus, you can access historical machine alerts right from the screen in the cabin.



### Large-Capacity Engine Air Precleaner

The air precleaner removes more than 99% of airborne particles and extends filter cartridge service life.

### Auxiliary Mode Switch

If needed, an auxiliary mode switch allows you to finish a job or move your log loader to a convenient location for service.

### Integral Catwalks

The integral catwalks enable operator access to all critical components and maintenance checks with minimal effort.

### Color-Coded, Labeled Wiring

Wiring in the machine is color-coded and labeled for simple installation of electronic accessories.

### MY DEVELON Telematics

The diagnostic system gives your dealer's technician a direct communications link with your log loader. During operation, it monitors all critical data and provides a complete history of operation and a real-time log of machine failures. Armed with information like this, your dealer service personnel can fix issues fast — and you can get back to work.



### Centralized Boom Grease Points

Daily maintenance is critical — and it's simple with the centralized grease banks on the base of the boom. Boom pivot bushings offer 250-hour greasing intervals.

FULL COVERAGE  
**36** MONTHS  
**5K** HOURS

### Superior Standard Warranty

Your new DEVELON machine includes full coverage for 36 months or 5,000 hours, whichever comes first, with parts and service support from your local authorized DEVELON dealer.

### Protection Plus® Extended Warranty

Our DEVELON Protection Plus extended warranty coverage offers a wide range of selectable plan options, allowing you to customize coverage to meet your needs. Purchase up to 72 total months or up to 10,000 total hours of warranty protection covering the full machine, powertrain or powertrain plus hydraulics.

# Premium Features Come Standard on DEVELON Log Loaders.

By including these premium features as standard, DEVELON gives you a competitive edge — helping operators work more efficiently and improving safety during the longest workdays.

One-Touch Power Boost	Momentarily increases hydraulic power when more lifting power is needed.
Rearview and Side View Cameras	The rearview and side view cameras provide the operator with an additional view of the log loader's surroundings, increasing confidence and productivity.
Quarter-Inch-Thick Side Panels	Thick-skinned log loaders withstand shocks and impacts to protect the machine's vital components.
Radio and MP3 Audio	Cab features include a radio and MP3 audio.
LCD Monitor	Multi-function color monitor displays critical machine information, including the view from the standard rearview camera.
Heated and Cooled Air-Suspension Seat	Suspension and temperature can be adjusted to match changing working conditions.
Centralized Boom Grease Points	Maintenance is convenient thanks to centralized grease banks on the base of the boom.

# Road Builder Configuration: The Strength to Pioneer.

The -7 Series road builder configurations are designed to excel at the tasks required for pioneering and clearing a new tract, such as clearing felled trees in preparation for building a logging road. Many unique features optimize road builder configurations to handle this important job.

**Traditional Excavator Boom and Arm and High and Wide Undercarriage**  
The excavator-style boom and arm provide the optimal working range for traditional pioneering tasks, including standard and high-lift boom positions. A high and wide undercarriage with a double grouser is designed for working on difficult terrain. The machine is typically paired with a quick coupler, bucket and thumb to enhance versatility when removing felled trees and stumps or doing rough grading.

**Standard Cab or Optional Forestry Cab**  
Road builders are available with a standard-height ROPS cab or optional forestry cab that provides an ideal vantage point for pioneering, offering an excellent view of the work and great all-around visibility. The road builder cab includes all the comfort features operators need to stay productive and focused on the job. The optional side-entry forestry cab features a guarded polycarbonate front window, polycarbonate side and rear windows and a rear secondary exit.

**Standard Rotating Beacon**  
A standard rotating beacon on -7 Series road builders enhances visibility on busy job sites or when working in low light conditions.

**Around View Monitor Camera System**  
The optional around view monitor (AVM) camera system displays a full view of the machine's surroundings from 5 perspectives.



**Coupler Options for Attachment Versatility**  
DEVELON couplers enable you to improve versatility and productivity by utilizing buckets along with a thumb to tackle the full range of pioneering tasks, such as clearing felled trees, removing stumps, rough grading and site drainage.

**Attachment Management**  
Via the LCD screen, you can configure different attachment presets to limit the maximum pressure and the minimum/maximum flow rate delivered to the attachment. Password protection prevents improper attachment preset selection for operators with limited understanding of hydraulic systems.



# Monitor Your Equipment From Anywhere.

MY DEVELON fleet management is a powerful equipment diagnostic tool that monitors the health, location and productivity of your DEVELON equipment from a user-friendly mobile app and website. It offers free monitoring with no contract and no fees.



- With MY DEVELON Fleet Management, You Can:**
- Help prevent theft with geofencing feature (GPS location tracking).
  - See when maintenance is due.
  - Customize alerts to your schedule.
  - Track oil pressure, operating temperature and more.
  - Use data to train your team for maximum productivity.

The data is uploaded automatically to the MY DEVELON fleet management online system using dual-mode communications (cellular and satellite) for maximum coverage. You can check on machine status from anywhere using the MY DEVELON fleet management website and mobile application. Your dealer can also see your equipment status to notify you when it's time for service.





Let us do the work for you to help protect your equipment investment. DEVELON Smart X-Care™ service gives you peace of mind knowing our experienced team is tracking your machine telematics and providing recommendations. **Talk to your dealer to learn more.**

## Attachments

### DEVELON Log Loaders



DEVELON Log Grapple

- Manufactured with T1 steel and hardened components for extreme durability.
- Moves and loads logs easily.
- High-torque rotation motor delivers great productivity and exceptional service life.
- 360-degree continuous rotation improves picking and placing and minimizes the need to move your machine.
- Twin cylinders enable fast jaw articulation and a tight hold on heavy logs.
- Provides an optimal grip range for a variety of log sizes. When fully opened, it easily handles large logs more than 50 inches in diameter, yet it closes to 4.5 inches (on TC52 on DX225LL) and 7 inches (on TC58 for DX300LL) for a tight grip on smaller- diameter logs.
- Improved heel design on DEVELON log loaders works in tandem with a log grapple.

### DEVELON Road Builders



**Heavy-Duty Bucket**  
Built to match your digging demands with reinforced diamond-folded top section for added strength.



**Severe-Duty Bucket**  
Built for harsh digging applications with high-quality, abrasion-resistant material.



**Ditch-Cleaning Bucket**  
Available in standard and heavy-duty.



**Hydraulic "Pin Grabber" Quick Coupler**  
Saves time when switching attachments.



**Thumb**  
Provides an easy-to-install solution. The DEVELON universal hydraulic clamp is available in a range of fixed widths and lengths.

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual DEVELON equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of DEVELON units may show other than standard equipment.

# Powered by Innovation



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