

7 Series

Wheel Loaders

Operating weight	12 047 – 34 488 kg
Bucket capacity	2.0 – 6.6 m ³
Engine power	106 – 294 kW / 144 – 400 hp



DEVELON

DEVELON

Continuous Evolution for the Better.

We trace our roots back to 1937 as one of Korea's first large-scale machine plants. Since then, we have consistently delivered earthmoving 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 onwards and to make a positive mark on our world. Moving forward, we will continue providing innovative products and solutions that advance the world we live in today.



Develon 7 Series Wheel Loaders: Built to Handle More

The redesigned 7 Series wheel loaders deliver the next generation of market-leading productivity, durability, operator comfort, fuel efficiency, and versatility. With enhanced performance features and innovative technologies, these loaders are built to help you tackle even the most challenging conditions, both now and in the future.

Added Strength, Capacity, and Efficiency

- 7% larger bucket capacity
- Impressive breakout forces for increased productivity
- Smart technologies for efficient operation
- Advanced Develon transmission
- Updated axles to support larger bucket capacities

Enhanced Safety with Smart Technologies

- Industry-first Transparent Bucket 2.0 for enhanced safety
- Develon Smart Load Weighing System to prevent overloading
- Automatic Hydraulic Differential Lock for superior control in challenging conditions

Designed for Maximum Uptime

- Convenient access and a central lubrication system for easy maintenance
- Reversible cooling fans to maintain a clean cooling system
- Radiator with 40% wider fin spacing for improved efficiency
- My Develon for quick and reliable support at your fingertips

Next-Level Comfort and Control

- Upgraded operator compartment for superior comfort
- Redesigned joystick and relocated controls for easier operation
- 14% larger glass area for enhanced visibility
- Smart Touch Display for intuitive control of all settings

CONSTRUCTION
EQUIPMENT
Top 100
new products 2022

Awarded to DL220-7, DL280-7,
DL480-7 and DL580-7



The Develon 7 Series wheel loaders are engineered for efficiency, featuring 7% larger bucket capacities and powerful torque to handle the most challenging materials. Designed for rugged scooping, carrying, and loading, they make quick work of heavy loads with the help of Develon's cutting-edge technology.

Power Mode Flexibility

Choose from Power, Normal, or Economy modes to match your loader's performance to the task at hand, ensuring the right balance of power and fuel efficiency for any job.

Situation Awareness Technology (SAT)

SAT automatically adjusts engine output to meet real-time demands, reducing fuel consumption while maintaining performance and efficiency.

Develon Smart Guidance System (DSGS)

The DSGS analyzes driving habits and offers tips to improve productivity, helping operators achieve the most fuel-efficient operation possible.

Load Isolation System (LIS)

LIS improves vehicle stability, reduces cycle times, cushions the lift arm over rough terrain, and minimizes material loss during transport.

Develon's Advanced Drive System

Planetary final drives provide more torque and faster travel speeds, while the Develon transmission ensures smooth power adjustments. The automatic powershift and torque converter lockup clutch increase productivity by up to 20%, especially in stockpiling or load-and-carry tasks. Additionally, power-splitting CVT technology improves hydraulic takeoff for better control and efficiency. It also reduces fuel consumption by up to 15% while maximizing traction for top performance.

Heavy-Duty Axles

The new ZF or Dana heavy-duty axles offer superior traction, making it easier to handle slippery spots. Simple foot control makes navigating tough terrain smoother and more straightforward.



Power Through the Toughest Jobs



Keep Your Ground

Develon Wheel Loaders have your back with features that make working safer and more efficient.

Perfect Workload Balance

A larger counterweight improves machine balance and provides the flexibility to tackle a variety of applications with full control. With the Develon Smart Load Weighing System, you'll know exactly how much material is in your bucket, helping you avoid overloading your machine. No tipping over, no extra strain—just safer, smoother operation every time you work.

Stay in Control

The Automatic Hydraulic Differential Lock keeps you in control on slopes and rough terrain. When needed, it locks both wheels together, transferring up to 100% of the torque to maintain stability and control, even in challenging conditions. Plus, the limited-slip differential makes sure the wheel with the most grip gets the right amount of torque, giving you better traction and smooth maneuvering.

Auto Idle & Auto Shutdown Systems

Develon's auto idle and auto shutdown systems automatically reduce engine speed or shut down when the loader is not in use. This feature helps conserve fuel, reduce emissions, and prevent overheating—keeping your machine safe, efficient, and ready for action whenever you need it.

Reliability That Doesn't Quit

Develon 7 Series wheel loaders are built to handle tough jobs and tough conditions, with extra durability to keep you working longer. Maintenance is simple too—thanks to easy-to-reach service points, onboard diagnostics, and quick access to components, keeping your machine running smoothly takes minimal effort.

Reliable Components and Easy Access

Designed to stand up to tough conditions, the steel lift arms and roller bearings minimize maintenance and maximize durability. With reinforced articulation joints, vented dust seals, and protected lift arm pins, keeping things running smoothly is easier. Quick-access remote drain ports make oil and coolant changes a breeze, and the simple DEF tank fill helps your machine run at its best with fewer emissions.

Cooling System for Extended Performance

The new radiator, featuring 40% wider fin spacing, reduces clogging and enhances cooling efficiency. Variable-speed, reversible cooling fans adjust based on workload, saving fuel and extending the system's lifespan. An exhaust heat exchanger helps expel hot air, while separate engine and cooling compartments optimize performance and improve component longevity.

Convenient Maintenance Features

The central lubrication system simplifies daily maintenance by delivering grease directly to the pins and bushings, ensuring smooth operation and saving time. For added convenience, select models offer an optional automatic lubrication system. Additionally, multiple platforms and handrails provide easy access and mobility, ensuring firm support and 3-point contact for enhanced safety.



Conquer Your Day with Comfort and Control

Develon 7 Series wheel loaders are designed with operators in mind, offering comfort, easy-to-use features, and smart innovations. With better control placement, improved visibility, and added standard technologies, these loaders make it easier to get the job done right.

Improved Operator Comfort

- Stay comfortable with the upgraded automatic heating and air conditioning system and adjustable vents for the perfect temperature.
- The air-suspension seat and adjustable steering wheel make it easy to find the most comfortable position for better ergonomics.
- Grab handles and slip-resistant steps provide safe and easy access to the cabin, making entry and exit simple.

Improved Surrounding Visibility

- With a 14% larger glass area and a full glass door, the left-side view is clearer than ever.
- Larger, heated mirrors extend your view to the side and rear, so you can see more of your surroundings.
- LED work lights brighten up low-light areas, making it easier to work no matter the time of day.

Smart Key

- The easy-to-use smart key unlocks the cab and lets you start the engine with a simple push of a button, bringing car-like convenience to your construction equipment.

Intuitive Operation with Joystick Controls

- Easily switch directions without taking your hands off the controls.
- The optional electronic steering lets you steer the machine using customizable switches, all conveniently integrated into the left armrest for your comfort.

Smart Touch Display

- Keep an eye on key machine functions and control settings like the rearview camera, heating and cooling, historical alerts, and the Develon Smart Guidance system – all from one easy-to-use display.



Get a New Perspective

With our industry-exclusive Transparent Bucket 2.0 feature, you'll have a clearer view of what's ahead, helping you navigate obstacles and terrain with ease.

Bucket Transparency

- With top and bottom cameras mounted at the front of the wheel loader, the monitor system shows the area blocked by the raised bucket.
- This allows operators to "see through" the bucket on the cab display, offering a clear, unobstructed view of what's ahead.

Visibility with Around View Monitor (AVM)

- The Around View Monitor (AVM) camera system provides a complete view of the machine's surroundings, giving operators greater confidence when working in tight spaces.

Object Detection and Visual Alerts

- Transparent Bucket 2.0 is equipped with advanced object detection and recognition to prioritize safety on the job.
- The steering angle sensor linkage ensures precise control, while the person detection system identifies nearby individuals for added protection.
- Visual warnings clearly indicate the level of danger posed by detected objects, helping operators stay safe while working.



New Challenge? No Problem

Pair your Develon wheel loader with the ideal attachment and optimized load settings to boost productivity and maximize your investment. Choose from lift arm options like the Z-bar linkage, designed for heavy lifting with rapid bucket movement and precise angle positioning.

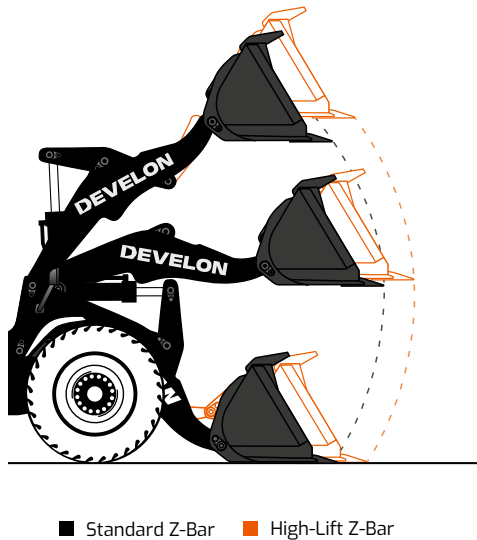
Lift Arm Options

Standard Z-bar Linkage

The Standard Z-bar Linkage provides powerful breakout forces, making digging and penetration into tough materials easier, while increasing the lifting capacity of every Develon loader for top-tier performance.

High-lift Z-bar

The Standard Z-bar Linkage is ideal for higher lift applications, offering excellent performance with bucket capacities of similar size.



Settings for Any Job

Return to Dig

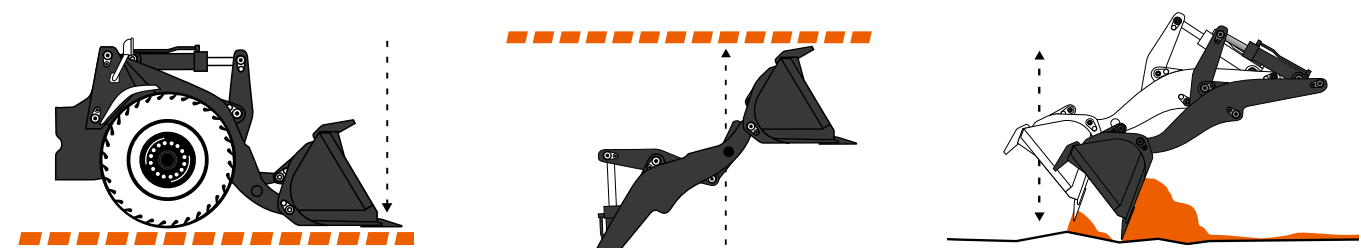
Sensors on the lift arm and bucket linkage let you easily adjust the "return to dig" setting, ensuring the cylinders and cutting edge return to the same position every time for smoother, more efficient, and consistent work.

Lift Kickout

Set the maximum lift height for working inside buildings or areas with height restrictions by simply pulling back on the control stick to override.

Boom Float

The boom float helps your bucket follow the ground's contours, making snow removal faster and more efficient.



Attachment Versatility

Auxiliary Hydraulics

For attachments requiring auxiliary hydraulics, the joystick includes a standard thumbwheel and detent for easy control.

Quick Coupler

The quick coupler lets you quickly swap non-hydraulic attachments without leaving your seat. Its four-point-style pickup ensures easy connections, even on uneven terrain. Hydraulic lines extending to the end of the lift arms add convenience and versatility.



My Develon > Management on the Jobsite
> Work Efficiency Management > Preventive
Management > Proactive Service



Monitor Your Equipment From Anywhere

To compete and succeed, your equipment must maximize jobsite productivity and profitability. Develon machines do both. To ensure a high return on investment, we include more premium features as standard on every model—features that other manufacturers often offer only as costly upgrades. By making them standard, Develon gives you a competitive edge, helping operators work more efficiently and enhancing safety during long days in the field.

> **Telematics Terminal**

A terminal device is installed and connected to a machine to capture machine data.

> **Telecommunication**

Develon offers dual-mode communication (mobile and satellite) for maximum coverage.

> **My Develon**

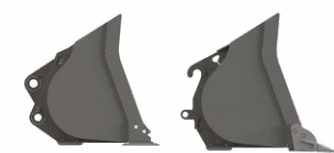
Stay informed with My Develon – the digital platform that consolidates all equipment information and digital services in one place for quick and easy access.

Operation Hours	Total operating hours and hours by mode
Fuel Efficiency*	Fuel levels and consumption
Reports & Location	Operation report and utilization, GPS, and geofencing
Warnings & Alerts	Detect machine warnings, antenna disconnections, and geo/time fence breaches
Filter & Oil Management	Preventive maintenance through scheduled part replacements

*Functions may not be applied to all models. Please contact your sales representative for more information on this feature.

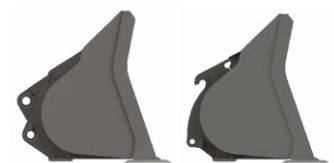


Attachments



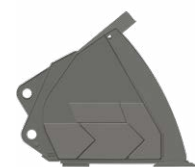
General-Purpose Bucket

With a sloped bottom for maximum filling and an improved dump angle, this bucket is your go-to for everyday material handling.



Light-Material Bucket

Optimized for materials with densities under 1 185 kg/m³, this attachment is ideal for handling lighter materials like mulch, snow, or crushed asphalt, helping you maximize efficiency.



Aggregate Bucket

This bucket's flat bottom boosts filling and efficiency, while the standard spill guard protects hydraulic lines and linkage from falling debris.



Rock Bucket

Designed for heavy-duty digging applications, the rock bucket features a spade nose style that enhances digging and bucket filling.



Pallet Fork

Easily lift, carry, and place construction materials on your worksite with a fork design that improves the center of gravity for better load control and handling.



Quick Coupler

Quickly change your non-hydraulic wheel loader attachments without leaving your seat.



Develon Warranty

Your Key to Equipment Protection and Peace of Mind

Keep your heavy construction equipment protected with Develon. Our comprehensive warranties and premium protection plans give you peace of mind, ensuring your investment stays safe and valuable for the road ahead.

Tailored Warranty Plans

Choose from a range of affordable protection plans, designed exclusively for Develon customers through our authorized dealers. These plans transform your machine's price into a strategic investment, not just an expense.

Develon Premium Protection

Opt for Develon Premium to experience unmatched security, reliability, and overall value. This top-tier plan shields your equipment from unexpected costs and minimizes downtime, letting you focus on what matters – getting the job done.

Act Now!

Get in touch with a Develon authorized dealer today to protect your equipment investment. With an easy process and lasting benefits, Develon helps keep your heavy construction equipment in top condition.

**Choose Develon Extended Warranty:
Play it Safe and Secure Your
Investment.**

Powered by **Innovation**

DEVELON

Space for dealer's stamp



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Certain specifications are based on engineering calculations and are not actual measurements. Specifications are provided for comparison purposes only and are subject to change without notice. Specifications 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 equipment other than standard equipment.