

DEVELON

-7 Series

Articulated Dump Trucks

DA30-7, DA45-7



DEVELON

Continuous evolution, for better.

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

Your dealer can offer more parts inventory and faster delivery – thanks to our two warehouses in Georgia and Washington state.

Customization Plant

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



More Than 50 Years of ADT Excellence.

DEVELON articulated dump trucks (ADTs) offer large load capacities along with superior power and traction. They're designed for challenging construction sites, road projects, mass excavation, mining and quarry environments.



Unmatched Cab Comfort

- Spacious Cab With High Visibility
- Self-Leveling, Hydro-Gas Front Suspension
- Air-Suspension Seat
- Bluetooth® Audio With USB
- 12-inch Monitor

Durable and Easy to Service

- Strong Frame and Body Design
- 400 HB Steel Plates
- Body Over Center of Gravity Function
- Tilt-up Cab With Self-Positioning Locking Mechanism
- Easy Access to Filter and Oil Filling Points
- Ground-Level Maintenance: Fueling, DEF, Fluid Site Gauges and Greasing Points
- Auto Lube System
- No Diesel Particulate Filter (DPF) Required

Maximum Maneuverability

- Tight Turning Radius
- Superior Stability
- Ample Ground Clearance
- Front and Rear Limited Slip Differentials

Reliable Systems

- Oil-Cooled Wet Disc Brakes
- Standard Hydraulic Transmission Retarder
- Spring-Applied Hydraulically Released Parking Brake
- Heated Bed

Intuitive Operation

- Ergonomic Controls
- Excellent Visibility
- Rearview Camera
- Dump Body Lift System
- Auto Hold Brake

Smart Technology

- MY DEVELON Fleet Management
- Active Payload Measuring System

Haul More With Confidence.

High productivity means moving more material every day. DEVELON articulated dump trucks offer the large payload capacities, superior power and sure-footed traction to take productivity to the next level.



Exceptional Power-to-Weight Ratio
Engine sizes, torque and horsepower have been carefully selected to achieve max performance – in load capacity, driveline ratio performance and transmission efficiency.

Large Payload Capacities
DEVELON articulated dump trucks offer larger load capacities in their respective weight class categories. Additional load capacities combined with superior power and traction improve productivity.

Excellent Driving Stability and Traction

These rugged machines provide excellent driving stability with equal weight distribution and superior traction.

- The front-mounted turning ring and the free-swinging rear tandem gear-driven bogie allow permanent 6-wheel contact for smoother rides in rough terrain.
- The turning ring is located in front of the articulation point, ensuring equal weight distribution to the front wheels in all operating situations, including maximum turning.



The driveline's **limited slip differential** transfers power to both the right and left wheels, automatically giving the highest torque to the wheel with the best grip.

- The equal weight distribution enables you to use the limited slip differentials with only 45% locking value, ensuring drive to both front wheels in all situations without completely locking the wheels.

A **sloping rear frame**, in combination with the tire width, provides a lower center of gravity, which increases lateral stability and eliminates the need for wide, low-profile tires. A gradient meter helps you monitor the incline and pitch for improved safety.

Greater shock absorption from the hydro-gas, **self-leveling front suspension** increases stability as the trucks move across job sites. The system includes a self-leveling feature and the ability to change characteristics by adjusting the pressure.



Work Harder in Difficult Terrain.

DEVELON articulated dump trucks offer the rugged dependability and easy maneuverability extreme jobsites demand. Move more materials faster, work harder in tough conditions and navigate roadways and difficult terrain with ease.

Excellent Maneuverability and Transportability

With the unique design of the rear frame, body and front-mounted differential on the transmission, the DEVELON machine offers a tight turning radius, easy maneuverability and outstanding stability.

When it's time to head out to another job, the DA30-7 ADT's less-than-10-foot width and DA45-7 ADT's less-than-12-foot width means they can be **transported easily** from site to site. The machines' more compact design makes the beds easily accessible by shorter loading equipment.

A powerful **hydraulic retarder** keeps the machine's speed constant on downhill without support of service brakes. You can easily adjust the retarder's power by lever or simply pushing the gas pedal.



Active Payload Meter

Our standard active payload and load count meter provides you with an immediate indication of productivity. It shows each load's weight on-screen for increased load optimization and productivity.

- The DA45-7 features a traffic-light-style indicator outside the cab that alerts excavator and wheel loader operators of overloading.

For more reliable dumping performance, a center of gravity adjustment assists in managing load placement during dumping. If a load starts to pull the hoist cylinders backward, the system adjusts to slow down the dumping speed of the truck body, letting you prevent spillage or unexpected dumping.

Auto Hold Brake System

This feature reduces operator fatigue and transmission wear by automatically holding the machine in position while loading and unloading on both flat and hilly terrain.

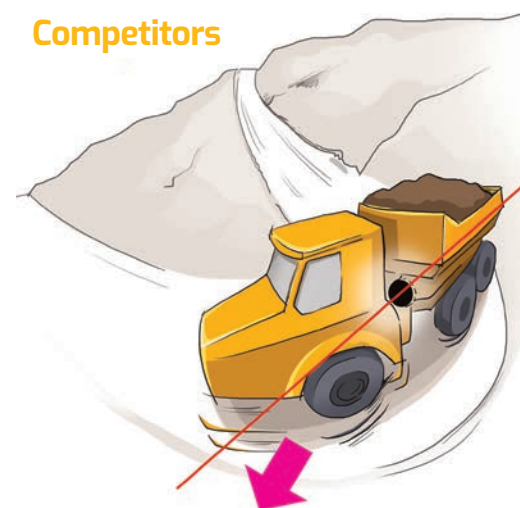


Efficient Durability

A strong frame and body design with lightweight, high-grade, wear-resistant steel reduces the total weight of the truck. This leads to less horsepower required for operation.

The transmission configuration features smooth gear shifting and improves the transfer of power from the engine to the driveline.

DEVELON ADTs have a proven, reliable and powerful Tier 4-compliant Scania diesel engine with exceptional torque to help maximize efficiency and minimize fuel consumption.



Extra Comfort for Long Days.

Stay comfortable when working long days on rugged job sites. DEVELON ADTs feature a redesigned cab that offers low noise levels, excellent views and extra features that turn even novice operators into pros in just minutes.



Comfort Cab

With a design inspired by the automotive industry, the spacious ROPS/FOPS cab is equipped with climate control and a high-quality operator seat with air suspension to provide excellent comfort. Precise steering, good visibility and low noise levels provide additional comfort and quiet.

- The sloping, forward-opening hood gives operators excellent visibility.
- The cab is mounted on a special rubber suspension to reduce vibration and conduction of noise into the cab.

- You need just one key to lock and unlock all the doors and start the engine.
- The high-comfort air-suspension seat with armrest is standard.
- An automotive-like soft-touch dashboard is easier to keep clean.
- Standard features include electrically adjustable mirrors and a mobile USB charger.



MP3, DAB and Bluetooth
Standard radio supports all modern features like MP3, digital audio broadcasting (DAB) and Bluetooth® wireless technology.

Automatic Climate Control

The automatic climate control is easy to operate and highly efficient, keeping operators comfortable in all types of weather.

Self-Leveling, Hydro-Gas Front Suspension

The self-leveling suspension delivers outstanding performance in rough terrain due to the big shock absorption capacity of the hydraulic suspension cylinders. It can adjust to match changing working conditions.

Storage Compartments With Extra 12 V Power Supply

Operators appreciate the storage spaces, which include extra room to fit a heated/cooled lunch box with additional 12 V power supply.



Premium Controls for Easier Operation.

The DEVELON articulated dump truck is easy to operate and offers a long list of premium control features. Operators will work efficiently and demonstrate their skills using intuitive controls.



With automatic limited slip differentials, automatic and manual transmission shift, power steering, simple touchpad and easy-to-read display, every model is easy to operate.



Inside the cab of select models, a fingertip-controlled **body-dumping lever** (next to the gear selection lever) controls the body dumping with minimal operator strain.

- The **hoist function** incorporates higher body-up speed and automatic body-down features, providing a soft, controlled lowering of the dump body that improves ease of operation and control.

The "**tiptronic**" gear shift feature enables you to run the truck in both automatic and manual to ensure the smoothest gear shifts and momentum during operation.

The **retarder force modulation lever** enables the operator to choose from four power modes. The gas pedal is responsible for retarder power reduction.



12-Inch LCD Monitor

A large monitor, which can easily be configured to your personal preference, displays machine settings, warnings and diagnostics including:

- Speed, engine RPM and temperature
- Fuel and diesel exhaust fluid (DEF) usage
- Integrated payload meter (as standard)
- Transmission and hydraulic oil level
- Gradient meter
- Multiple language functionality
- Integrated rearview camera
- Backlight dimming according to ambient light conditions
- Submenus for additional and diagnostic functions



Color-Coordinated Touch Pad

- Blue: HVAC System
- Orange: Heating Equipment
- Green: Lighting
- Grey: Screen Settings
- Red: Machine Functions

Hassle-Free and Easy to Maintain.

Regular maintenance is key to day-in and day-out productivity – and helps extend the life of your equipment. DEVELON articulated dump trucks are designed to make maintenance easy.



Ground-level access for fuel and diesel exhaust fluid (DEF) allows easier filling.

A **centralized maintenance panel** offers ground-level access to transmission filters and drain ports as well as the auto-lube system, grease storage and more. All filters are centralized for quicker and easier accessibility. A low number of rubber wearing components significantly reduces labor time.

The power module also features easier access with an **emergency shutdown button** and lockable battery disconnect switch.

The DEVELON ADT's **tilt-up cab** with self-positioning locking mechanism provides easy access to filters and oil filling points. The updated cab structure and mounting provide easier transmission service when needed.



- Easy access to factory-fitted standard automatic central lubrication system
- Diesel tank prepared for fast fill coupler
- Dedicated space for 20-liter grease tank and grease gun



- LED light that indicates when power isolator can be switched off
- Power isolator in convenient and safe location
- External power supply



- Multifunctional display with available service/maintenance functions
- Transmission oil level check
- Status of hydraulic and electronic components

Leading Standard Warranty

Your new DEVELON machine includes full coverage for 36 months or 3,000 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 allows you to customize coverage to meet your needs. Purchase up to 72 total months/7,500 total hours of warranty protection covering the full machine.

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.

SMART X CARE

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.**

Premium Features Come Standard on DEVELON Articulated Dump Trucks.

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.

Tailgate

This standard ADT feature helps you load faster, increase loads and distribute material weight more efficiently.

Premium Air-Suspension Seat

Suspension adjusts to match changing working conditions.

Automatic Central Lubrication System

The machine offers easy access to this standard feature.

Premium Operator Cab

Cab features include automatic climate control, instructor seat, sunshade, MP3, DAB and Bluetooth® wireless technology.

MY DEVELON Fleet Management

Powerful telematics system makes it easy to remotely monitor and maintain your machine.

Active Payload Meter

Meter shows each load's weight on-screen for increased load optimization and productivity.

Self-Leveling, Hydro-Gas Front Suspension

System adds to increased stability and greater shock absorption.

Bed Heater

Bed heating system redirects exhaust to the bed channel, helping to keep material from sticking to the machine.

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.

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