DEVELON

-5 Series

Articulated Dump Trucks

DA30-5, DA45-5



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 onwards 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 — including less than two-day delivery on a majority of genuine DEVELON parts.

Machine Assembly Facility
A dedicated facility in Savannah, 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 Operator Cab on the Market
- Self-Leveling, Hydro-Gas Suspension
- Air-Suspension Seat
- Bluetooth® Audio With USB

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 Fueling

Maximum Maneuverability
- Tight Turning Radius
- Superior Stability
- Front and Rear Limited Slip Differentials

Reliable Systems
- Oil-Cooled Wet Disc Brakes
- Standard Hydraulic Transmission Retarder
- Hydraulic Parking Brake

Intuitive Operation
- Ergonomic Controls
- Excellent Visibility
- Rearview Camera
- Body Tip Boost System

Smart Technology
- DEVELON Fleet Management
- Active Payload Measuring System

EquipmentWatch. Highest Retained Value Award® 2022

Awarded to DA30-5

Features vary by model. See model specifications for details at na.develon-ce.com/ADT.

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.



Industry-Leading 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

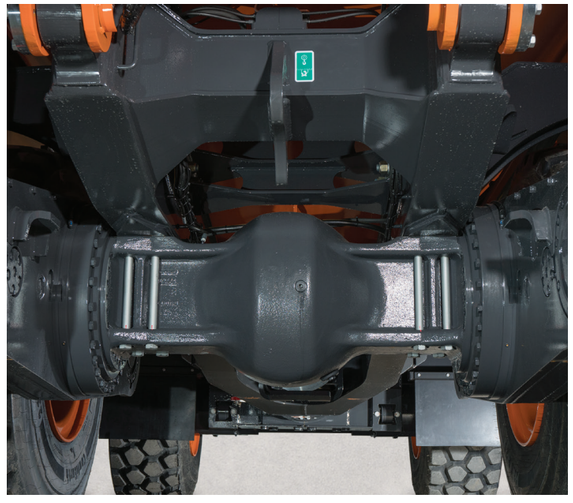
DEVELON articulated dump trucks offer larger load capacities in their respective weight class categories. Additional load capacities combined with superior power and traction improve productivity.

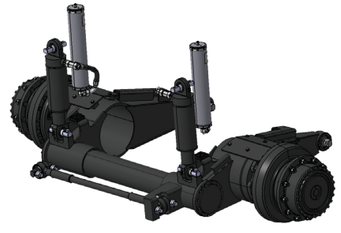
Excellent Driving Stability and Traction

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** adds to increased stability as the trucks move across jobsites. The system includes a self-leveling feature and the ability to change characteristics by adjusting the pressure.

Features vary by model. See model specifications for details at na.develon-ce.com/ADT.

Work Harder in Difficult Terrain.

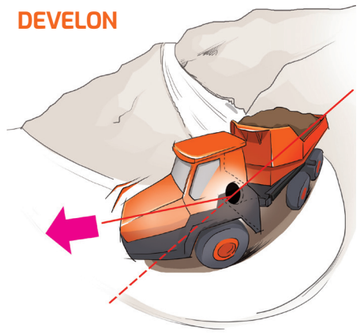
DEVELON articulated dump trucks offer the rugged dependability and easy maneuverability extreme jobsites demand. Move more materials faster, work harder in tough conditions and navigate roadways and difficult terrain with ease.

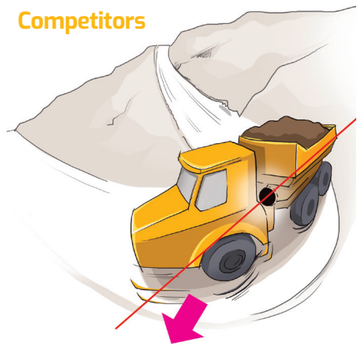
Excellent Maneuverability and Transportability
With the unique design of the rear frame, body and front-mounted differential on the transmission, the DEVELON machine offers a tight turning radius, easy maneuverability and outstanding stability.

When it's time to head out to another job, the DA30-5 ADT's less-than-10-foot width and DA45-5 ADT's less-than-12-foot width means they can be **transported easily** from site to site. The compact design of both machines means a shorter wheel loader can be used.

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







Features vary by model. See model specifications for details at na.develon-ce.com/ADT.



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.

- Outside the cab, a traffic light-style indicator helps prevent overloading by alerting excavator and wheel loader operators.

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.

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 DEVELON 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 jobs. DEVELON ADTs feature a quiet working environment — offering low noise levels, excellent views and extra features that help operators stay focused while taking on complex work.



Comfort Cab

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 hood gives the operator an excellent view.
- 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 12V Power Supply
Operators appreciate the storage spaces, which include extra room to fit a heated/cooled lunch box with additional 12V power supply.





Features vary by model. See model specifications for details at na.develon-ce.com/ADT.

Premium Controls for Easier Operation.

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



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.

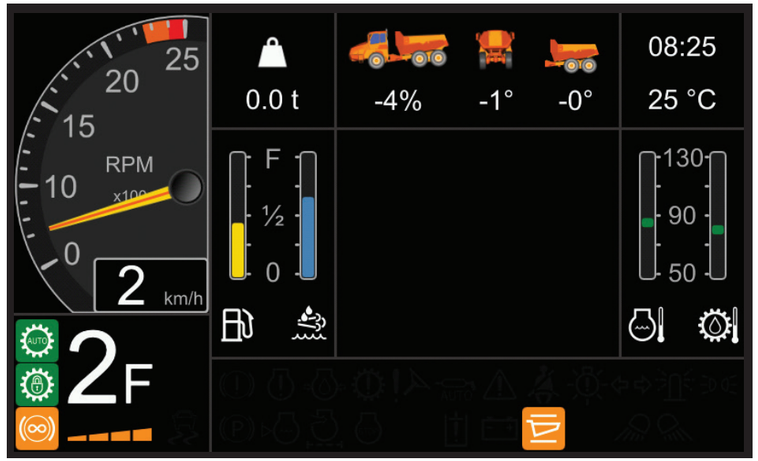


Inside the cab of select models, a fingertip-controlled **body-dumping lever** (next to the gear selection lever) controls the body dumping with minimal operator strain.

- 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.



Multi-Function Display
The display relays critical info, including speed, engine rpm, machine warnings, temperatures and more. Monitor fuel and diesel exhaust fluid (DEF) usage with gauges displaying both levels and consumption. An on-screen gradient meter also offers improved safety.

- Multiple languages
- Integrated payload meter (as standard)
- Diagnostic section with transmission and hydraulic oil level check function
- Gradient meter indication
- Integrated rearview camera

LCD Color Monitor Panel
- Color display
- Shows all necessary information for driving and handling the machine
- Rearview camera image embedded in instrumentation graphics
- Backlight dimming according to ambient light conditions
- Submenus for additional and diagnostic functions

Touch Pad
- Diesel fuel heater ON/OFF
- Longitudinal differential lock
- Override button
- Cab roof and mirror arm front lights ON/OFF
- Rotating beacon ON/OFF (optional)
- Operating work lights ON/OFF

Features vary by model. See model specifications for details at na.develon-ce.com/ADT.

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

A **centralized maintenance panel** offers ground 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
- Dedicated space for grease cartridge and grease gun



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



- Diesel tank prepared for fast fill coupler



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

Features vary by model. See model specifications for details at na.develon-ce.com/ADT.

DEVELON PROTECTION PLUS® Extended Warranty

Standard Warranty

Full coverage for 12 months or 1,500 hours *and* powertrain and hydraulic coverage for 36 months or 5,000 hours with parts and service support from your local authorized dealer.

Extended Warranty

Our Protection Plus® extended warranty coverage offers more than 70 different plan options so you can customize coverage to meet your needs. This coverage protects from deficiencies in materials or workmanship for up to 60 months or 7,500 hours, whichever comes first.

Monitor Your Equipment From Anywhere.

DEVELON Fleet Management is a powerful equipment diagnostic tool that monitors the health, locations 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 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 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 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.

Features vary by model. See model specifications for details at na.develon-ce.com/ADT.

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.
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.

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**

na.develon-ce.com/adt

Articulated Dump Truck Brochure
Printed in the U.S.A.
23910_001_D060123

DEVELON

A brand of HD Hyundai Infracore.

©2023 HD Hyundai Infracore. All rights reserved.