We are DEVELON

Since 1937, DEVELON has led continuous innovation,
driving the transformation of construction equipment as South Korea's leading brand.
We are the pioneers of innovation, shaping a better future.

Powered by **Innovation**

HD CONSTRUCTION EQUIPMENT

https://global.develon-ce.com

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2026.11
Certain specifications may differ from actual results based on engineering calculations. Specifications are for comparison purposes only and are subject to change without notice. The specifications of individual DEVELON equipment may vary due to normal changes in design, manufacturing, operational conditions, and other factors. Some images of DEVELON equipment may show non-standard configurations.

DEVELON

Excavators

DX225LC-7M



Photos may include optional equipment

A DEEP DIG TO RAISE YOUR GAME

DX225LC-7M

A Winning Player in Every Match

Elec. Engine

Stands With Unparalleled Workload, Full Engine Power and Smart Sustainability

DX225LC-7M is waiting at the starting line, fully geared up with features to let you win. Whether you need explosive power or an agile and fast machine, DX225LC-7M is ready to help you win. Even when you are starting a long-distance race, DX225LC-7M is ready to cross the finish line in first place, in every single game.

Proven performance with the extra edge of intelligence. Exceptional productivity, enhanced speed, first-class digging power with even further upgraded engine power. The newly added SPC system automatically saves fuel efficiently without compromising productivity.

Whatever goal you need to reach, you can get there reliably with your winning team, thanks to intelligent, efficient features that deliver full speed and full power. The cabin is designed for total controllability and safety from the outset. DEVELON's expert team will offer a tailored solution to help you win more in less time.

DX225LC-7M, a medalist in every match, a winner in every game. An all-time winner, ready once again to raise your game.

UNPARALLELED PERFORMANCE

DX225LC-7M guarantees the best productivity at all job sites. All key components directly contributing to power and speed have been improved. The new engine boasts explosive 129.4 kW power which is significantly improved over the previous model. Higher productivity along with increased fuel efficiency. Reducing the size and narrowing the cylinder's diameter results in speed enhancement for faster working cycle. Maximized digging force backed up with versatility for DX225LC-7M to be used on all rough terrains.

HOLISTIC VIEW FOR EFFICIENCY

DX225LC-7M brings smart and innovative solutions designed to both increase efficiency and promote long-term sustainability.
The SPC (Smart Power Control) system automatically controls engine RPM to provide the appropriate torque depending on workload and speed, ensuring optimal fuel efficiency. Electronic engine which delivers superior power at the same time contributes to reduction of both emissions and fuel consumption. DEVELON offers holistic and comprehensive solutions for your economic and environmental sustainability, enabling investments for the future.

ENHANCING COMFORT WITH UTTER SAFETY

Completely redesigned cabin comfort leads you to maximum comfort and total control of equipment. To offer more segmented comfort options with ventilation and air conditioning range expanded to meet various needs. Also safety features newly added including AVM (Around View Monitor) which prevents safety accidents caused by blind spots and seat-belt alarm for operator safety.

WE ARE BACK WITH NEW FEATURES

All the Great Features of the Previous Model Have Been Carried Over, with Even Better Things to Come.

ELECTRIC PUMP CONTROL SYSTEM

- Electronically controls the pump by generating virtual hydraulic flow.
- Effectively reduce fuel consumption.

DEVELON FLEET MANAGEMENT (OPTIONAL)

- Offering preventive maintenance services based on web data.
- Provides expert-level consultation to dealers.
- Functions as a fleet management tool for customers.

ERGONOMICALLY DESIGNED PEDAL

- Ergonomically designed pedals placed at both ends.
- Reduces fatigue and lessens the operator's workload.

OPG (OPERATOR PROTECTIVE GUARD) (OPTIONAL)

- Design changed for better visibility.

NEW LOOK & ENHANCED STRUCTURE

- Applied new decals and changed the counterweight design. Featured with stable and segmented bonnet mounting, reinforced counterweight and track frame.

FORTIFIED STRUCTURE

- Reinforced counterweight and track frame.
- Stable, segmented bonnet mounting.
- Enhanced corrosion and wear resistance with a bucket pin link Y-seal.

VERSATILITY & VARIOUS ATTACHMENT

- Two-pump option for high-flow attachments.
- New bucket lineup : R2H+, R2S+.

SPC (SMART POWER CONTROL) SYSTEM

- Predictive powertrain control which automatically identifies the working mode and adjusts engine RPM to supply the appropriate pump torque, improving fuel efficiency by up to 5%.



MORE COMFORT

- Fully adjustable suspension seat and air conditioning system.
- DAB (Digital Audio Broadcasting) and microphone.
- Headlamp placed near the cabin door. It helps operators maintain visibility with fewer shadows.

NEW 8-INCH TOUCH MONITOR

- Bigger LCD monitor with a user-friendly touchscreen panel.
- Allowing easy access to machine settings and maintenance data.

IMPROVED AIR FLOW SYSTEM FOR DEFROSTING AND AIR CONDITIONING

- The air conditioning system has also been aerodynamically improved for a pleasant working environment.

IMPROVED COVER DESIGN

- Features a honeycomb design on the side door to minimize the inflow of dust.

SIDE AND REAR VIEW CAMERA (OPTIONAL)

- We made it possible for the operator to proceed in optimal conditions by installing devices such as rear cameras, which make it easy to recognize the blind spots.

AVM (AROUND VIEW MONITOR) (OPTIONAL)

- The around view monitor enables a panoramic view which increases operational efficiency.
- Prevents accidents caused by blind spots.

ETP (ELECTRIC TRANSFER PUMP) (OPTIONAL)

Use this switch to easily refill fuel for your machine after inspection or repair.

*Optional specification information is included in the images contained in this material and may not be the same as the actual specs.

THE POWER YOU WAITED FOR

The Philosophy of Absolute Performance, It's Your Turn to Experience

Powerful performance is engraved in its genes DX225LC-7M provides superior performance among 22-ton class excavators. It can break its way through even in the heaviest loads and the most rugged works. Its enhanced engine power and hydraulic system enable it to create an unbeatable power and torque characteristic. Its finest engineering offers surprisingly agile and precise operation but still true to its roots, power. Digging power and lifting capacities can all be optimized through DEVELON's unrivalled tuning system. Designed to give you the best possible performance all the time.



DEVELON "DL06" ENGINE

The DX225LC-7M is equipped with the latest generation DEVELON engine DL06. The reliable in-house DEVELON engine delivers a superior performance with low fuel consumption. The 6-cylinder engine delivers power up to 168 HP (125 kW, Net). High power and wide torque range at low RPM, which can also reduce the strain on the clutch and transmission. Delivering performance which can be adapted to your various needs, for maximum productivity and profitability.

ELECTRONICALLY CONTROLLED PUMP

Electronically controls the pump by generating virtual hydraulic flow, which effectively reduces fuel consumption while maintaining high productivity.

SWING DRIVE

Increased torque is available to ensure rapid cycles, minimizing shocks during the rotation.

TRAVEL DEVICE

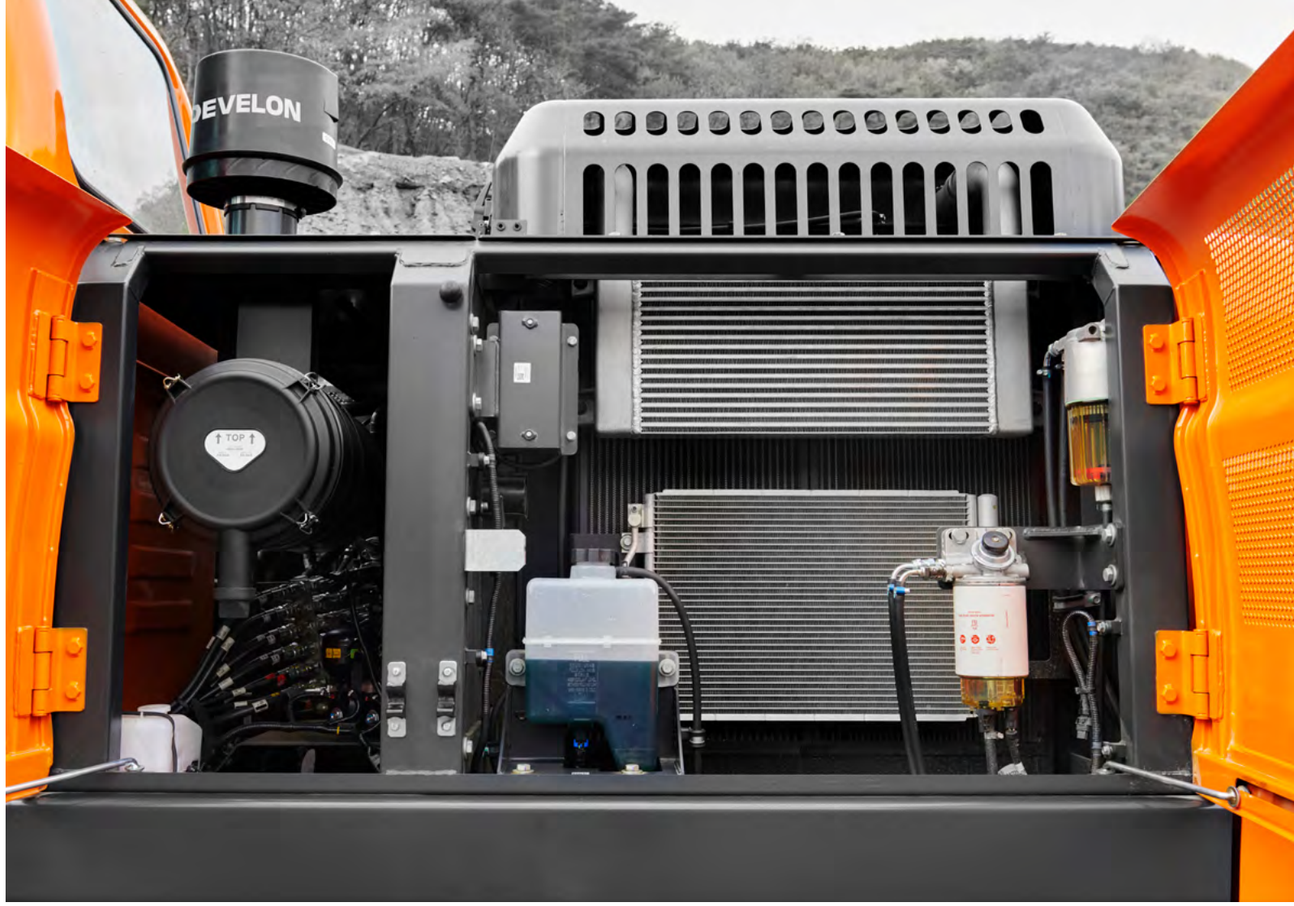
In-house travel device provides a simple internal structure and increases efficiency of the performance. Thicker sprocket minimizes incoming debris and provides higher durability.

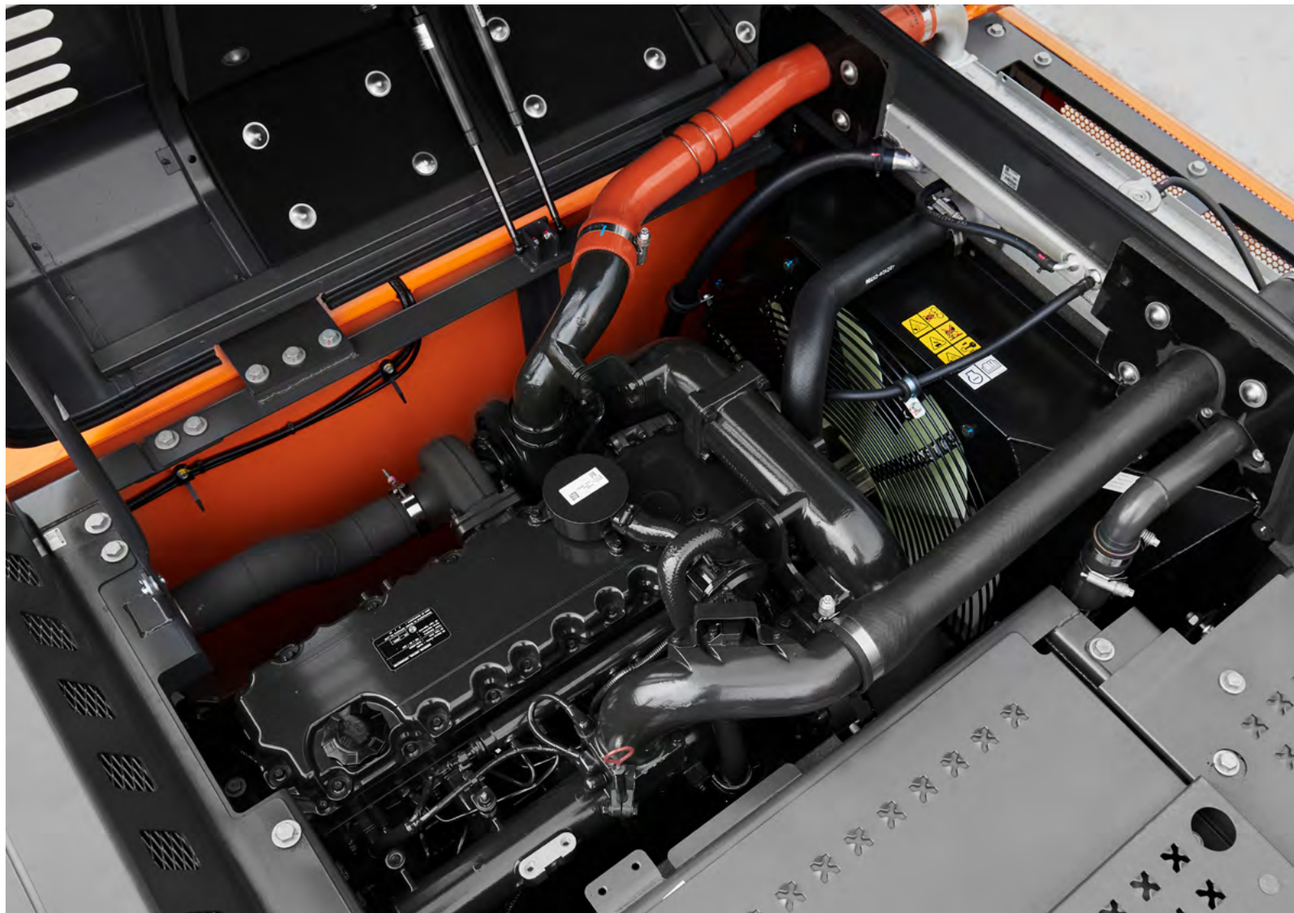
EXCAVATOR CONTROL

Improved excavator control by new EPOS™. Acting as the brain of the hydraulic excavator, EPOS™ has been optimized in association with CAN (Controller Area Network) communication link.

ETP (ELECTRIC TRANSFER PUMP) (OPTIONAL)

Use this switch to easily refill fuel for your machine after its inspection or repair.





DO MORE

A Master Key for Every Challenge

DX225LC-7M is versatile enough to be a key asset to your business. Whichever section of the construction industry, DX225LC-7M can be optimized to do the particular job.

Maximize productivity and profitability by combining the DX225LC-7M with a range of durable attachments. To find the optimum productivity suitable for each customer, DEVELON provides various optional configurations. Two-pump option for high-flow attachments, heavy lifting, and breaker applications. New buckets are available to meet operators' needs in various environments. Increase your versatility and perform a variety of tasks - all while experiencing faster cycle times and excellent control.

DIVERSIFICATION OF ADDITIONAL COUNTERWEIGHT OPTION

Additional counterweight can be assembled with the standard counterweight. Increases the machine's tipping load capacity. You can choose between 3.8 ton, 4.1 ton and 5.3 ton options.

NEWLY ADDED BUCKET LINEUP

For ideal matching to the various jobs, a broad selection of buckets is provided. Newly launched R2H+ lineup enables more breakout force, leading to faster and more efficient bucket filling.

TWO-PUMP

Two-pumps are provided for attachments which require high flow.

BREAKER ASSIST SWITCH

Breaker assist switch is equipped for maximum attachment performance. Works for maintaining consistent downward pressure for high productivity. Easily controlled and can vary the speed.

BEST IN CLASS EFFICIENCY

Experience All-Time Best, with 14%, 20% Improved Fuel Efficiency.

Merely presenting the figures of fuel consumption doesn't give you the full picture of the productivity. Everything from the DX225LC-7M, the powertrain is engineered to save fuel without sacrificing performance or productivity.

To maximize fuel efficiency, the new DX225LC-7M introduced the 'DEVELON Electronically Controlled Pump – VBO (Virtual Bleed-Off) System,' a result of technological integration. As a result, performance has improved by up to 14% compared with the previous model.

The new DX225LC-7M has also achieved up to a 20% improvement in fuel efficiency thanks to the SPC system. From every angle, it can deliver even greater productivity to your business.



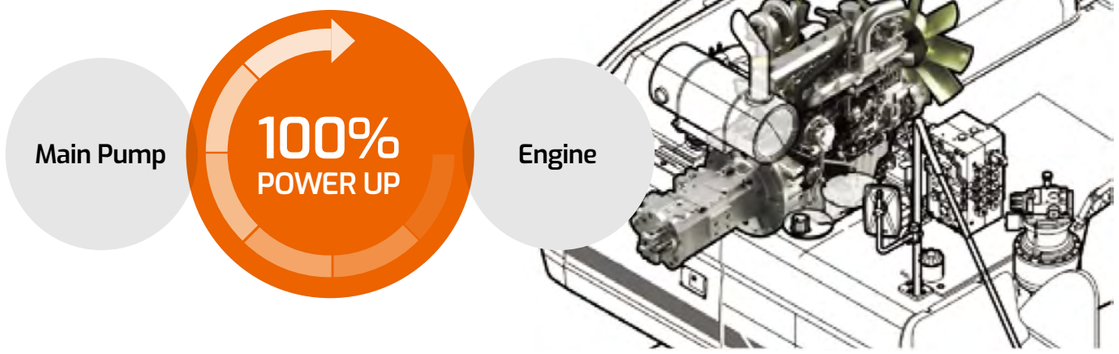
SPC (SMART POWER CONTROL) SYSTEM



SPC is a predictive powertrain control system, which automatically identifies working mode and adjusts engine RPM to supply proper pump torque. SPC relieves the driver's workload and contributes to a fuel-efficient working style. Raising the pump torque to maximize productivity and power when needed. Lowering the pump torque to reduce unnecessary fuel consumption when fuel efficiency is needed.

PUMP MATCHING TECHNOLOGY

'DEVELON's engine and pump matching technology' fully uses every drop of fuel to resolve the fuel efficiency problem. By matching the response time between pump and engine, the system not only reduces unnecessary fuel consumption but also controls exhaust fumes. Effectively contributing to an eco-friendly working environment by reducing your carbon footprint.







POWER MODE

(P+ mode / P mode / S mode / E mode) Four different power modes give you precise control over the excavator's powertrain. The system automatically identifies working mode and adjusts engine RPM to supply proper pump torque. Fuel consumption is significantly reduced compared to permanently maintaining the same mode. Controlling this technology is intuitive and straightforward. A simple switch allows easy mode selection.



ULTIMATE DURABILITY & RELIABILITY

Rough Work Calls For a Robust Machine

DX225LC-7M's superior quality is not due to just one change.
Rather, it is the result of hundreds of improvements in every element we've made throughout.

A reliable and durable structure is the foundation of maximized uptime.
Durability reinforced by applying highly durable materials to structures of overall frames.
Every component is engineered for uptime and extensively tested to validate its performance.
The most updated and proven HDI global platform was applied, which has been proven in diverse advanced markets. All combined to increase the life of vital components and reduce operating costs.

The durability you need to get the job done.



Heavy Duty Boom and Arm

A. CENTER BOSS PLATE
Increase the size by 40%

B. BOOM END BRACKET
Single-piece casting

C. ARM BOTTOM PLATE
Increase plate thickness by 20%

D. ARM SIDE PLATE
Increase plate thickness by 15%

E. HEAVY DUTY BUCKET
Newly designed bucket with enhanced durability

F. BOOM PLATE
Increase boom foot height, reduce width, and increase plate thickness by 15%





IMPROVED ENGINE DURABILITY BY TECHNOLOGICAL IMPLEMENTATION

Additional water separator in fuel to prevent engine damage. Large capacity of forced air cleaner also removes over 99% of airborne particles, reducing the risk of engine contamination and extending cartridge replacement intervals. All improvements of engine components offer a high degree of reliability and an extended service life.



STABLE, SEGMENTED BONNET

Mounting advanced standard counterweight structure to stably control the enlarged bucket. Additional counterweight options supplied for customers who need more tipping load.



X-CHASSIS UNDERCARRIAGE

X-chassis undercarriage enables increased ground clearance and improved maneuvering ability. Sloped surface design optimized to shed debris and maximize uptime.



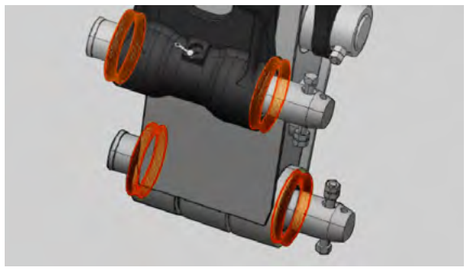
TRACK COMPONENT IMPROVEMENT

The chain composed of self-lubricating sealed links, impervious to external contamination. Track frame firmly locked by mechanically bolted pins.



LIFTING HOLE

For better and easier work, we've added a lifting hole at the front.



ARM END LINK WITH Y-SEAL

Applied a Y-seal to prevent contaminants from entering the bucket connection.



STRUCTURE REINFORCEMENT

Strength and stiffness reinforcement through improved welding process and also the application of a 25-ton-class tail frame.

EXCLUSIVELY, FOR OPERATOR

Ergonomically Designed Features and Enhanced Controllability Maximize Operator's Satisfaction

DX225LC-7M's strongest performance doesn't even come from the engine. At first glance and upon closer inspection, DX225LC-7M shows what is important in the construction industry. Every part of the spacious cabin interior is the result of DEVELON's endeavor to see things from the operator's point of view.

Exclusive interior with its new gauge panel and highly ergonomic design. Enhanced visibility, an air conditioning system for intuitive controllability and comfort. Also ensures the operator's safety by establishing a protective and adaptive working environment.

Thinking about all the possible hazards you may encounter, we went ahead and fitted the equipment with some advanced safety systems. An office on wheels and your smart work partner at the same time. The best seat is reserved for the operator.





OPG (OPERATOR PROTECTIVE GUARD) (OPTIONAL)

The Operator Protective Guard assures operator safety and accessibility to major components. It allows simple and safe access to maintenance points.



HEATING AND COOLING SEAT (OPTIONAL)

The optional, air-suspended, climatized driver's suspension seat provides pleasant seating conditions and a high level of comfort. Equipped with the integral armrests and temperature control device. Heating and cooling temperature range divided into three stages to meet various customer needs.

SEAT-BELT ALARM

For enhanced safety and to protect the operator in an emergency, DX225LC-7M is equipped with a seat-belt alarm.



AVM (AROUND VIEW MONITOR) (OPTIONAL)

Around View Monitor optimizes overall visibility and makes it easier for the operator to connect up the attachments. The system comprises a front, a rear and an additional around view camera which can be freely positioned for attached implements. The images can be viewed on a monitor in the interior of the cabin. The operator can directly view the area around equipment, when changing implements. The operator can also have a clear view of the front structure.



HVAC SYSTEM FILTER COVER (ROPS)

Air ventilation filter and a cover equipped to avoid contamination and ensure system durability. Easy access for quick and simple maintenance.



SIDE AND REAR VIEW CAMERA (OPTIONAL)

Optional side and rear-view camera provide visibility in areas beyond the operator's field of vision. Additional LED lighting system is attached on each side for clearer visibility.



EMERGENCY STOP SWITCH

For enhanced safety and to enable fast reactions in an emergency, DX225LC-7M is equipped with an emergency stop switch that allows the interruption of certain body functions whilst allowing the vehicle to remain running.



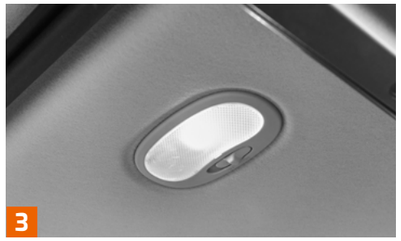
1. NEW 8-INCH MONITOR

Bigger LCD monitor with user-friendly touch screen panel, allowing easy access to machine settings and maintenance data.



2. ERGONOMICALLY DESIGNED PEDAL

Ergonomically designed pedals placed at both ends. Pedal angle adjusted to relieve the pressure on ankle and joints, reducing fatigue and lessening the operator's workload.



3. HEADLAMP

A headlamp placed near the cabin door improves visibility by reducing shadows. This new headlamp system contributes to enhanced safety through improved illumination of the way.
Enhances driving comfort and driving safety.



4. AIR CONDITIONING AND DEFROSTING SYSTEM

Aerodynamically designed air conditioner equipped for inner climate control.



5. CONTROL LEVER

Precise control of the equipment increases versatility, safety and facilitates tricky operations requiring great precision. Leveling operations and the movement of lifted load made easier and safer.



6. AIR SUSPENSION SEAT (OPTIONAL)

Equipped with various functions, including forward and backward adjustment. The lumbar support effectively reduces vibration during operation. Considering cold environments, the seat is also equipped with a heating function.

7. ALL-AROUND VISIBILITY

The enlarged front windshield ensures the best possible all-around visibility. Panoramic cabin windows and a suitable seat position assist in promoting safety and controllability by enhancing visibility of the lower areas on both sides.
In crowded city streets or in hazardous construction workplaces, operators can get better control and command of their surroundings.

1. New 8-inch monitor
2. Ergonomically Designed Pedal
3. Headlamp
4. Air Conditioning and Defrosting System
5. Control Lever
6. Air Suspension Seat
7. All-Around Visibility

 * Option spec info is included to the images contained in this material and may not be the same as the actual specs.

MAINTENANCE

Easy Maintenance, Start Immediately.
Smart Maintenance, All by Itself

Maintain this superior equipment in peak condition. Safe and easy maintenance features help keep the machine in optimal condition over longer service intervals. DX225LC-7M allows easy access to engine component parts and short maintenance procedures. Familiar and intuitive. DEVELON Fleet Management provides you with operational machine data in an hourly cycle. You can even control most functions outside the equipment.







1. SIMPLE MECHANICAL ENGINE
- In-house mechanical engine with approachable structure
- Engine bonnet equipped with wide open side panel

2. EASY ACCESS TO DAILY MAINTENANCE POINTS
Wide open panels allowing easy access to service points
- Allowing quick replacement filters and daily maintenance checks more easily

Easily accessible filter located at ground level
- Located at ground level with wide open side doors

Centralized grease inlets for easy maintenance
- The boom & arm grease inlets are grouped for easy access

3. LARGE GUARD RAILS (OPTIONAL)
- Assuring operator's safety during the work hour
- Easy access / Anti skid

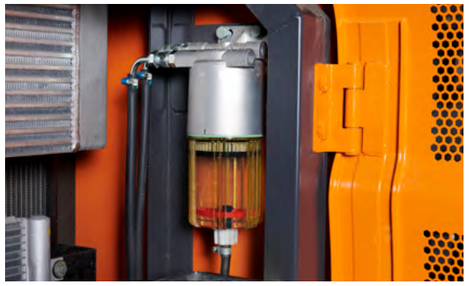
4. DEVELON FLEET MANAGEMENT (TMS SYSTEM)
- Maintenance data is directly available from control panel
- Allows daily maintenance checks more easily



ENGINE OIL FILTER
Engine oil filter offers a high level of filtration, extends the oil change interval to 500 hours. Positioned in a place which is resistant to contamination and impervious to environmental conditions, but easy to access for filter change.



EASY MAINTENANCE ON RADIATORS
Access to various radiators is easy, making cleaning easier. Engine part accessibility is also enhanced, can be checked through the top and side panels.



HYDRAULIC OIL RETURN FILTER
Glass fiber filter technology filtering out up to 99.5 % of impurities, increasing oil change interval.



AIR CLEANER
Air cleaner of large capacity removes 99 % of airborne particles, reducing the risk of engine contamination.

WATER SEPARATOR
Highly efficient water separator in fuel to prevent engine damage by removing moisture. Reducing the risk of external engine contamination and extending the engine's lifespan.



PRE-CLEANER
Rotor type dry pre-cleaner attached as a standard option.



MY DEVELON Telematics Service (OPTIONAL)

TELECOMMUNICATIONS

Data flow from machine to web



TELEMATICS TERMINAL

The terminal device is installed on and connected to a machine to get machine data.



TELECOMMUNICATION

DEVELON provides dual-mode (Cellular, Satellite) communication to maximize connectivity coverage.



MY DEVELON

Users can monitor machine status from DEVELON Website & Mobile App.

TELEMATICS SERVICE BENEFITS

DEVELON and our dealer network empower customers to maximize operational efficiency with prompt, responsive service.

CUSTOMER Improve Work Efficiency

- Eliminate unexpected downtime through timely, proactive maintenance and preventive services.
- Boost operational efficiency by analyzing and improving operator work patterns.
- Minimize operational costs with comprehensive data-driven fleet management.

DEALER Better Service for Customers

- Secure customer loyalty by delivering high-quality, reliable, and prompt machinery care
- Protect asset trade-in values through proper and consistent preventative equipment upkeep.
- Capture new market opportunities by gaining a deeper, data-driven understanding of local customer needs.

DEVELON Responsive to Customer's Voice

- Accelerate product quality improvements by utilizing real-world, field-tested operational data.
- Engineer market-leading heavy machinery by directly applying customer usage profiles to next-generation R&D.

MAIN FUNCTIONS (WEB/APP)

DEVELON Telematics Service delivers powerful features designed to drive your peak performance.



OPERATION

Access and manage equipment information and maintenance costs anytime, anywhere through the platform. By analyzing real-time field data—including location, uptime, utilization, and fuel costs—you can accurately assess job site progress and optimize your operational planning.

HEALTH

Access manufacturer-certified checklists for every service interval and receive automated replacement reminders for consumable parts. In the event of an equipment fault, immediate notifications allow you to request service instantly, securing rapid support from certified DEVELON dealers and minimizing machine downtime.

E-COMMERCE

Purchase a wide variety of digital products and certified genuine parts for your equipment online. Elevate your operational experience by subscribing to our exclusive digital services.

LIBRARY

Save time finding critical documentation for your machinery. We provide comprehensive monthly operation reports, manuals, parts books, and more, giving you instant access to essential equipment information and technical knowledge.

* This service is available only in certain countries, and the scope of service may vary depending on your location and region.

GLOBAL PARTS NETWORK

QUALITY-PROVEN MAIN COMPONENTS

DEVELON provides fast and precise worldwide delivery of genuine DEVELON parts through its global PDC (parts distribution center) network.





GLOBAL NETWORK

The GPDC (Global Parts Distribution Center) network maximizes its parts fill rate by ensuring that each regional center is fully stockpiled with all the critical components required by local businesses. By positioning PDCs close to major global markets, the network drastically minimizes parts delivery times and logistics costs. Furthermore, DEVELON PDCs operate within the local time zones of their respective customers, ensuring seamless communication and the fastest possible shipping turnarounds.

THE GLOBAL PARTS DISTRIBUTION CENTER NETWORK

DEVELON has established a robust global network, anchored by our Mother PDC in Ansan, Korea. Our ten other PDCs are strategically positioned worldwide: China and Indonesia in Asia ; Atlanta, Seattle, and Miami in the US; Belgium and the UK in Europe; Dubai in the Middle East; and Brazil and Chile in Latin America.



MPDC : Mother Parts Distribution Center

PDC : Parts Distribution Center

PDC BENEFIT	Distribution Cost Reduction	Maximum Parts Fill Rate	Shortest Distance/ Time Parts Delivery	Real-time Service Support	Minimum Downtime

TECHNICAL SPECIFICATION

ENGINE

Model

DEVELON DL06
2 valves per cylinder, vertical injectors, water-cooled, turbocharged air-to-air intercooler. The emission levels are well below the values required for phase III.

Number of cylinders

6

Nominal flywheel power

GROSS POWER 129.4 kW (176PS, 174HP) @ 1,900 rpm (SAE J1995)
NET POWER 125.0 kW (170PS, 168HP) @ 2,000 rpm (SAE J1349)

Max torque

80 kgf.m @ 1,400 rpm

Piston displacement

5,890 cc (359 cu. in)

Bore & stroke

100 mm x 125 mm (3.9" x 4.9")

Starter

24 V / 6 kW

Batteries

2 × 12 V / 100 Ah

Air cleaner

Double element with auto dust evacuation.

HYDRAULIC CYLINDERS

The piston rods and cylinder bodies are made of high-strength steel. A shock absorbing mechanism is fitted in all cylinders to ensure shock-free operation and extend piston life.

Cylinders	Quantity	Bore x Rod diameter x stroke
Boom	2	120 x 85 x 1,263 mm
Arm	1	135 x 95 x 1,443 mm
Bucket	1	120 x 80 x 1,060 mm

ENVIRONMENT

Noise levels comply with environmental regulations (dynamic values).

Sound level guarantee

103 dB (A) (2000/14/EC)

Cab sound level

74 dB (A) (ISO 6396)

HYDRAULIC SYSTEM

The heart of the system is the EPOS™ (Electronic Power Optimizing System). It allows the efficiency of the system to be optimized for all working conditions and minimizes fuel consumption.

- The hydraulic system enables independent or combined operations.
- Two travel speeds offer either increased torque or high speed travel.
- Cross-sensing pump system for fuel savings.
- Auto deceleration system.
- Two operating modes, two power modes.
- Button control of flow in auxiliary equipment circuits.
- Computer-aided pump power control.

Main pumps

2 variable displacement axial piston pumps
Max flow : 2 × 222.3 l/min

Pilot pump

Gear pump - max flow: 27 l/min

Maximum system pressure

Front
Normal mode : 350 kgf/cm^2
Power mode - Working, Travel : 350 kgf/cm^2
- Pressure up : 370 kgf/cm^2
Travel : 370 kgf/cm^2
Swing : 270 kgf/cm^2

SWING MECHANISM

- An axial piston motor with two-stage planetary reduction gear is used for the swing.
- Increased swing torque reduces swing time.
- Internal induction-hardened gear.
- Internal gear and pinion immersed in lubricant bath.
- The swing brake for parking is activated by spring and released hydraulically.

Swing speed : 0 to 11.4 rpm

UNDERCARRIAGE

The chassis is of very robust construction, all welded structures are designed to limit stresses. High-quality materials are used for durability. Lateral chassis welded and rigidly attached to the undercarriage. Track rollers lubricated for life, idlers and sprockets fitted with floating seals.

Number of rollers and track shoes per side

Upper rollers : 2 (standard shoes)
Lower rollers: 8
Shoes : 49
Total length of track : 4,445 mm (14' 7")

WEIGHT

Boom 5,700 mm (18'8") Arm 2,900 mm (9'6") Bucket SAE H Class 0.92 m^3 (1.20 yd^3)

	Shoe width	Operating weight	Ground pressure
Triple Grouser	(Std) 600 mm (2')	21,700 kg (47,840 lb)	0.46 kgf/cm^2
	700 mm (2' 4")	22,000 kg (48,502 lb)	0.4 kgf/cm^2
	800 mm (2' 8")	22,300 kg (49,163 lb)	0.36 kgf/cm^2

DRIVE

Each track is driven by an independent axial piston motor through a planetary reduction gearbox.
Two levers with control pedals guarantee smooth travel with counter rotation on demand.

Travel speed (fast/slow)

5.5 / 3.0 km/h (3.47 / 1.86 mph)

Maximum traction force

10,300 / 22,500 kgf (22,708 / 49,604 lbf)

Maximum grade

35 (70%)

BUCKET DIGGING FORCES

Bucket Type	Capacity (m^3) SAE	DIGGING FORCE (NOM/PRESS UP, TON)
GP	0.92 / 0.51 / 0.81 / 1.05	(SAE) 13.3 / 14.1 (ISO) 15.6 / 16.4
DITCH	0.54	
(SLR) GP	0.39	(SAE) 8.6 / 9.1 (ISO) 10.0 / 10.6
R1H	0.92 / 1.05 / 1.17	(SAE) 12.9 / 13.7 (ISO) 14.5 / 15.3
R1S	1.05	
R2H	0.92 / 1.08 / 1.24	(SAE) 13.6 / 14.3 (ISO) 14.9 / 15.7
R2H+	1.08	
R2S	0.91 / 1.07	

REFILL CAPACITIES

Fuel tank

400 L (105.7 US gal)

Cooling system (Radiator capacity)

28.8 L (7.6 US gal)

Engine oil

28 L (7.4 US gal)

Swing drive

5 L (1.32 US gal)

Final drive
(each =Travel Device = travel motor + travel reduction gear)

2 × 4 L (2 × 1.06 US gal)

Hydraulic tank

196 L (51.8 US gal)

ARM DIGGING FORCES

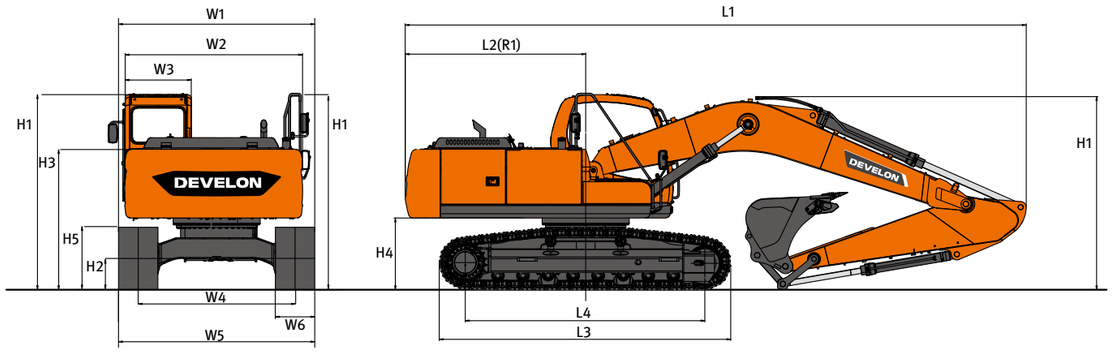
	LENGTH (mm)	WEIGHT (kg)	DIGGING FORCE (NOM/PRESS UP, TON)
STD. ARM	2,900	648	(SAE) 9.7 / 10.3, (ISO) 10.1 / 10.7
LONG ARM	3,500	797	(SAE) 8.7 / 9.2, (ISO) 9.0 / 9.6
SLR ARM	6,200	1,055	(SAE) 5.7 / 6.2, (ISO) 5.8 / 6.2
FORESTRY ARM	2,900	715	(SAE) 9.7 / 10.3, (ISO) 10.1 / 10.7
HD ARM	2,900	761	(SAE) 9.7 / 10.3, (ISO) 10.1 / 10.7
HD ARM	2,400	688	(SAE) 11.3 / 11.9, (ISO) 11.8 / 12.5

BUCKET

					C/W (ton)	4.1			5.3
					SHOE (mm)	600			600
Bucket Type	Capacity (m^3)		Width (mm)		Weight (kg)	5.7m Boom			SLR (8.5m)
	SAE/PCSA	CECE	With Cutter	W/O Cutter		2.4m HD Arm	2.9m HD Arm	3.5m Arm	SLR (6.2m)
GP	0.39	0.35	825	736	345	-	-	-	A
	0.35	0.47	768	722	549	A	A	A	-
	0.81	0.72	1,125	1,065	684	A	A	A	-
	0.92	0.81	1,233	1,173	724	A	A	A	-
	1.05	0.92	1,369	1,309	776	A	B	B	-
R1H	0.92	0.80	1,198	1,264	740	A	A	A	-
	1.05	0.90	1,331	1,397	787	A	B	B	-
	1.17	1.03	1,453	1,519	848	B	C	C	-
DC	0.54	0.46	1,800	-	358	-	-	-	C
R1S	1.05	0.92	1,331	1,397	990	A	B	C	-
R2H	0.92	0.83	1,050	1,096	867	A	A	B	-
	1.08	0.97	1,200	1,246	939	A	B	C	-
	1.24	1.11	1,350	1,369	1,011	B	C	D	-
R2H+	1.08	0.97	1,200	1,246	1,033	B	C	C	-
R2S	0.91	0.82	1,050	1,094	1,078	A	B	C	-
	1.07	0.96	1,200	1,244	1,182	B	C	D	-
Maximum load pin-on(payload+bucket)						3,242	2,953	2,683	1,311

Based on ISO 10567 and SAE J296, arm length without quick change clamp
A : Suitable for materials with density of 2,100 kg/m^3 (3,500 lb/yd^3) or less
B : Suitable for materials with density of 1,800 kg/m^3 (3,000 lb/yd^3) or less
C : Suitable for materials with density of 1,500 kg/m^3 (2,500 lb/yd^3) or less
D : Suitable for materials with density of 1,200 kg/m^3 (2,000 lb/yd^3) or less
X : Not recommended

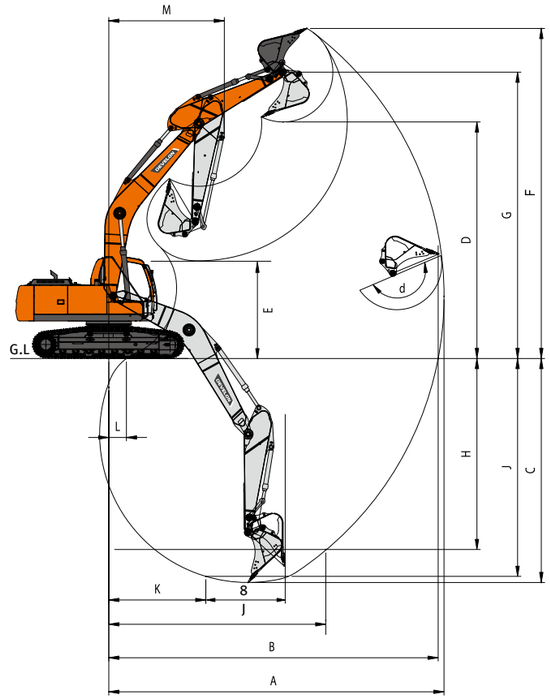
DIMENSIONS



Model				DX225LC-7M			
Dimension				STD	OPT1	OPT2	OPT3
Boom				mm	5,700	5,700	5,700	8,500
Arm				mm	2,900	2,400	3,500	6,200
Bucket				m^3	0.92	1.08	0.81	0.39
Undercarriage (Track+Grouser)				mm	LC+TG	LC+TG	LC+TG	LC+TG
Overall	L1	Overall Length		mm	9,570	9,600	9,610	12,390
	H1	Overall Height	Boom	mm	2,890	2,940	3,110	3,295
			Hose	mm	3,005	3,105	3,305	3,385
			Cabin	mm	2,980	2,980	2,980	2,980
			Hand/Guard Rail	mm	3,175	3,175	3,175	3,175
	W1	Overall Width		mm	2,990	2,990	2,990	2,990
	L2 (R1)	Rear Swing Radius		mm	2,909	2,909	2,909	2,909
	H2	Ground Clearance*		mm	*450.5	*450.5	*450.5	*450.5
Swing Body	W2	House Width		mm	2,710	2,710	2,710	2,710
	W3	Cabin Width		mm	1,010	1,010	1,010	1,010
	H3	Height Over Cover		mm	2,140	2,140	2,140	2,140
	H4	Counterweight Clearance*		mm	*1,066	*1,066	*1,066	*1,066
Undercarriage	H5	Track Height*		mm	*883	*883	*883	*883
	L3	Track Length		mm	4,445	4,445	4,445	4,445
	L4	Tumbler Distance		mm	3,650	3,650	3,650	3,650
	W4	Track Gauge		mm	2,390	2,390	2,390	2,390
	W5	Undercarriage Width	STD/LC	mm	2,990	2,990	3,190	3,190
	W6	Shoe Width		mm	600	600	800	800
	etc.	Grouser Height		mm	26	26	26	26

*Grouser not included

WORKING RANGES



WORKING RANGE

BOOM LENGTH		mm	5,700			8,500
ARM TYPE		mm	(Std.) 2,900	2,400	3,500	6,200
	BUCKET TYPE (SAE / PCSA)	m^3	(Std.) 0.92	1.05	0.81	0.39
A	MAX. DIGGING REACH	mm	9,865	9,460	10,385	15,365
B	MAX. DIGGING REACH (GROUND)	mm	9,695	9,280	10,220	15,255
C	MAX. DIGGING DEPTH	mm	6,590	6,105	7,210	11,660
D	MAX. DUMPING HEIGHT	mm	6,830	6,675	6,960	10,830
E	MIN. DUMPING HEIGHT	mm	2,500	2,985	1,870	2,015
F	MAX. DIGGING HEIGHT	mm	9,620	9,425	9,635	13,045
G	MAX. BUCKET PIN HEIGHT	mm	8,270	8,130	8,415	12,050
H	MAX. VERTICAL WALL DEPTH	mm	5,525	5,385	5,995	9,715
I	MAX. RADIUS VERTICAL	mm	6,415	6,025	6,740	10,060
J	MAX. DIGGING DEPTH(8'LEVEL)	mm	6,395	5,890	7,030	11,555
K	MIN. RADIUS 8' LINE	mm	2,820	2,840	2,790	4,815
L	MIN. DIGGING REACH	mm	575	1,690	-225	150
M	MIN. SWING RADIUS	mm	3,560	3,575	3,615	4,970
D.	BUCKET ANGLE (DEG)	°	177	177	177	177

STANDARD & OPTION

STANDARD EQUIPMENT

Boom & Arm

- 5.7 m Boom (Heavy duty)
- 2.9 m Arm (Heavy duty)

Hydraulic system

- Boom and arm flow regeneration
- Boom and arm holding valves (MCV)
- Swing anti-rebound valves
- Spare ports (Control valve)
- One-touch power boost

Cabin & Interior

- All weather sound suppressed type cabin
- Air conditioner & Heater
- Adjustable suspension seat with head rest and adjustable arm rest
- Pull-up type front window and removable lower front window
- Room light
- Intermittent windshield wiper
- Cup holder
- Hot & Cool box
- LCD color monitor panel
- E/G RPM control dial
- AM/FM radio + MP3 (USB)
- Remote radio ON / OFF switch
- 12 V, 24 V power socket
- Serial communication port for laptop PC interface
- Joystick lever with 3 switches

Safety

- Large handrails and step
- Convex metal anti-slip plates
- Seat-belt
- Hydraulic safety lock lever
- Safety glass
- Hammer for emergency escape
- Right and left rearview mirrors
- Travel alarm

Others

- Double element air cleaner
- Additional water separator
- Dry type pre cleaner
- Fuel filter
- Dust screen for radiator/oil cooler
- Engine overheat prevention system
- Engine restart prevention system
- Self-diagnostic system
- 60 A Alternator (24 V, 50 amps)
- Electric horn
- Halogen working lights (frame mounted 1, boom mounted 2)
- Hydraulic track adjuster
- Track guards
- Greased and sealed track link
- Hydraulic oil tank air breather filter
- Long & Fixed track

OPTIONAL EQUIPMENT

Some optional equipment may be standard in some markets. Some of this optional equipment may not be available in some markets. You must check with the local DEVELON dealer to know about the availability or to release the adaptation following the needs of the applications.

Boom & Arm

- 5.7 m Boom
- 8.5 m Boom
- 2.4 m Arm (Heavy duty)
- 2.9 m Arm
- 3.5 m Arm
- 6.2 m Arm

Safety

- Boom and arm hose rupture protection valve
- Overload warning device
- FOGS (ISO 10262, FOGS standard)
- Travel & swing alarm
- Rotating Beacon
- Rear lamp
- Cabin Front Upper / Lower Guard
- Side & Rear view camera
- LED lights
- Battery protector cover

Cabin & Interior

- Air suspension seat
- Rain Shield
- High seat Mount
- Breaker pedal
- ROPS / FOGS Cabin
- Steel roof cover
- Additional mirror
- DAB Audio

Others

- Piping option
  - Piping for Crusher
  - Piping for Breaker
  - Piping for Quick clamp
- 700 mm / 800 mm shoe
- Lower wiper
- 60 A / 80 A alternator
- Fuel filler pump
- Working Lights
  - 4-front / 2-rear on cabin
  - 2-front on cabin
  - 1 on counterweight
- Counterweight (3.8 ton / 4.1 ton / 5.3 ton)
- Hydraulic Oil
  - Cold weather (VG32)
  - Normal (VG46)
  - Tropical weather (VG68)
- Breaker filter
- Water separator with heater
- Short & Fixed track