

DEVELON

Excavator

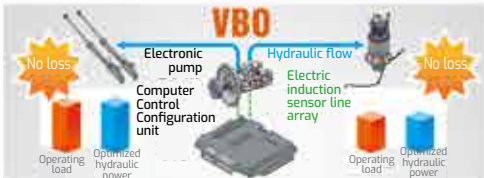
DX260LC-7M



INNOVATIVE TECHNOLOGIES FOR REDUCING FUEL CONSUMPTION

UPGRADED HYDRAULIC SYSTEM

The efficient VBO hydraulic system of DEVELON capable of precise calculation of flows from the pump for each actuator achieves exceptional productivity, preventing fuel loss.



UPGRADED SPC TECHNOLOGY

The technology monitors various functions of the system during actual operating conditions including: maximum operating power, automatic control of engine speed, torque of the main pump, and flow of rotational operation. The technology also satisfies the operation efficiency requirements and further reduces fuel consumption.

SPC



EPOS™ SYSTEM

The system selects operating modes depending on operating loads to operate the excavator with an optimal range of fuel consumption and capabilities.

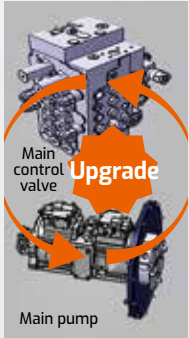
EPOS diagram

Economy mode	Standard mode	Power mode
Conditions of low-load operation Used when providing top priority to fuel consumption	Used when considering both fuel consumption and capabilities	Conditions of heavy-load operation Used when providing top priority to throughput



INCREASED BUCKET CAPACITY

"Full" and "fast" excavation and loading are realized by the power shovel with large capacity of 1.5m³ in the standard configuration, bucket types are adequate for civil engineering works, and high charging rate and excavation penetration rate are efficiently improved.



IMPROVED HYDRAULIC CAPABILITIES

DX260LC-7M uses hydraulic parts with higher excellence and efficiency. The electronically controlled main pump of large displacement equipped with a new upgraded main control valve has significantly enhanced hydraulic capabilities overall.



CONVENIENCE

The "operator-centered" design largely reduces noise and vibration in the cabin and satisfies the operation requirements. For all seasons the air-conditioning system and multi-functional LED dashboard enhance comfort and convenience of operation.



LCD DISPLAY SYSTEM, AND IMPROVED EASE OF OPERATION

The odometer for short distance displays information such as fuel consumption, operation hours, and daily average fuel consumption. The dashboard displays the warning messages of the system. Oil filter system information You can monitor defined replacement cycles and remaining hours for major components for maintenance on the dashboard. You can also reset the operation hours and change replacement cycles of components for maintenance.



CENTRALIZED SWITCH DESIGN

The centralized design of the switches greatly enhances the operation convenience of the system and operator efficiency.



EMERGENCY ENGINE SHUTDOWN SWITCH

Operation safety was improved





ADJUSTABLE COMFORTABLE SEAT

The seat ensures the comfort of the operator during operation by adjusting the seat horizontally and vertically with great ease.



DESIGN OF 3D VENTS OF AIR-CONDITIONER

Air from the air-conditioner is supplied to the front, bottom, and rear of the seat to provide a convenient operation environment to the operator.



MULTI-FUNCTION AUDIO SYSTEM

The operator can listen to music and enjoy entertainment programs and replay music through Bluetooth connection.



CONVENIENT-TO-USE STORAGE SPACE AND POWER SUPPLY

A small storage box for charging and safely keeping the mobile phone and a 12V-charging USB power supply are provided, including a quick-start switch for the air-conditioner for convenient operation.



RELIABILITY

Progressed design processes and repetition of rigorous simulation tests improve reliability.

3D design with new computing capability is used, with the life cycle of the system extended through various reliability tests to yield higher additional values for customers. Higher additional values are created for customers.



MULTI-STAGE OIL FILTERING SYSTEM

The 3-stage oil filter system improves the capabilities and reliability of oil filtering to enhance the adaptability of engine to oil of poor quality, reduces defect rates, and saves on maintenance costs.



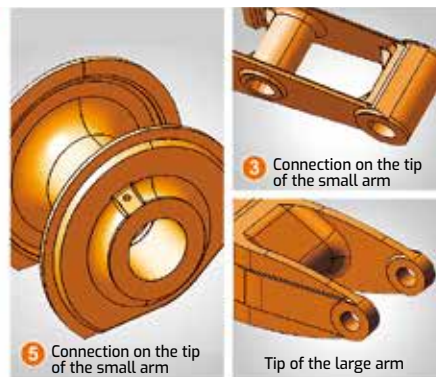
ENHANCED FRONT

Structural and welding processes are improved to prevent stress concentration. Furthermore, the thickness of plates of major components is increased to improve structural stability and durability of large and small arms to adapt to the harsh operation environment.



STRONG AND RIGID UNDERSTRUCTURE

The materials of the understructure are reinforced to enhance strength and durability.



STRUCTURE OPTIMIZATION

The area applied with the force of the front connection point is expanded, and the plate of the area is designed to be thicker to improve the manufacturing processes; the welded parts are applied to single-body cast parts for the significant improvement of the part's strength to the applied force.



IMPROVED OIL CYLINDER

The quality and durability of the front cylinder are improved for reducing maintenance costs and ensuring extended operation time.

MAINTENANCE

Convenient, fast, and cost-effective maintenance



REPLACEMENT CYCLE

Hydraulic oil : 4,000 hours
Engine oil filter : 500 hours
Engine oil : 500 hours



ERGONOMICALLY DESIGNED ENGINE COVER

Convenient design is consistently improved to let you inspect and repair the system easily and conveniently.



HYDRAULIC LINE

The precise and thorough hydraulic line design allows easy disassembly and repair by the operator.

DEVELON FLEET MANAGEMENT

Telematics Service (OPTIONAL)

TELECOMMUNICATIONS Data flow from machine to web



TELEMATICS TERMINAL

Terminal device is installed and connected to a machine to get machine data.

TELECOMMUNICATION

DEVELON provides Dual mode (Cellular, Satellite) communication to maximize communication coverage

Develon FM WEB

User can monitor machine status from DEVELON FM Web

TELEMATICS SERVICE BENEFITS Develon and dealer support customers to improve work efficiency with timely and responsive services

CUSTOMER

Improve work efficiency

- Timely and preventive service
- Improve operator's skills by comparing work pattern
- Manage fleet more effectively

DEALER

Better service for customers

- Provide better quality of service
- Maintain machine value
- Better understanding of market needs

DEVELON

Responsive to customer's voice

- Utilize quality-related field data
- Apply customer's usage profile to developing new machine

FUNCTIONS(WEB/APP) Develon Telematics Service provides various functions to support your great performance



FUNCTION		EXCAVATOR	WHEEL LOADER	ADT
GPS	Location Geo-fence	All models	All models	All models
Operation hours	Daily, Weekly, Monthly report	All models	All models	All models
Operation hours	Total operation hours Operation hours by mode	All models	All models	All models
Maintenance parts	Preventive maintenance by item replacement cycle	All models	All models	All models
Fault code/ Warning	Fault code Machine Warnings on Gauge Panel	All models	All models	All models
Fuel information	Fuel level Fuel consumption	All models	All models	All models
Dump capacity	Dump tonnage Count of Work Cycle	N/A	N/A	All models

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 global network of the GPDC (Global Parts Distribution Center) maximizes its fill rate by making sure that each center is stockpiled with all the critical parts required for businesses in its area. The network also minimizes the time and costs required for parts delivery by positioning PDCs close to major markets around the world. DEVELON PDCs communicate with customers in their time zone, informing them that they are open for operation, and deliver parts to them as early as possible.

THE GLOBAL PARTS DISTRIBUTION CENTER NETWORK

PDCs had been set up as shown below, including Mother PDC in Ansan, Korea. The nine other PDCs include one in China (Yantai), three in USA (Atlanta, Seattle and Miami), two in Europe (Germany and the UK), one in the Middle East (Dubai) and two in Asia (Singapore and Indonesia).



PDC BENEFIT

Distribution Cost Reduction

Maximum Parts Fill rate

Shortest Distance/ Time Parts Delivery

Real-time Service Support

Minimum Downtime

TECHNICAL SPECIFICATION

Engine		Main pump	
Model	DLO6	Type	Variable displacement plunger pump
Type	Water cooled, Direct injection, Turbocharged	Max. flow	2x240L/min
Number of cylinders	6	Maximum system pressure	
Bore & stroke	100 mm X 125 mm		
Rated power	140kW (190ps)/2,000rpm (DIN 6271 GROSS)		
Swing system			
Swing speed	10.0rpm		
Traveling system		Oil tank capacity	
Travel speed (high/low)	5.8/3.4km/hr	Fuel tank	420ℓ
Shoes	51 on one side	Hydraulic oil tank (full)	250ℓ
Upper rollers	2 on one side	Capacity of coolant and lubricant	
Lower rollers	10 on one side		
		Radiator	26ℓ
		Engine oil	27ℓ
		Final drive	2 X 3.3ℓ

Operating weight (Operation source, lubricant, coolant, fuel tank, and standard systems)

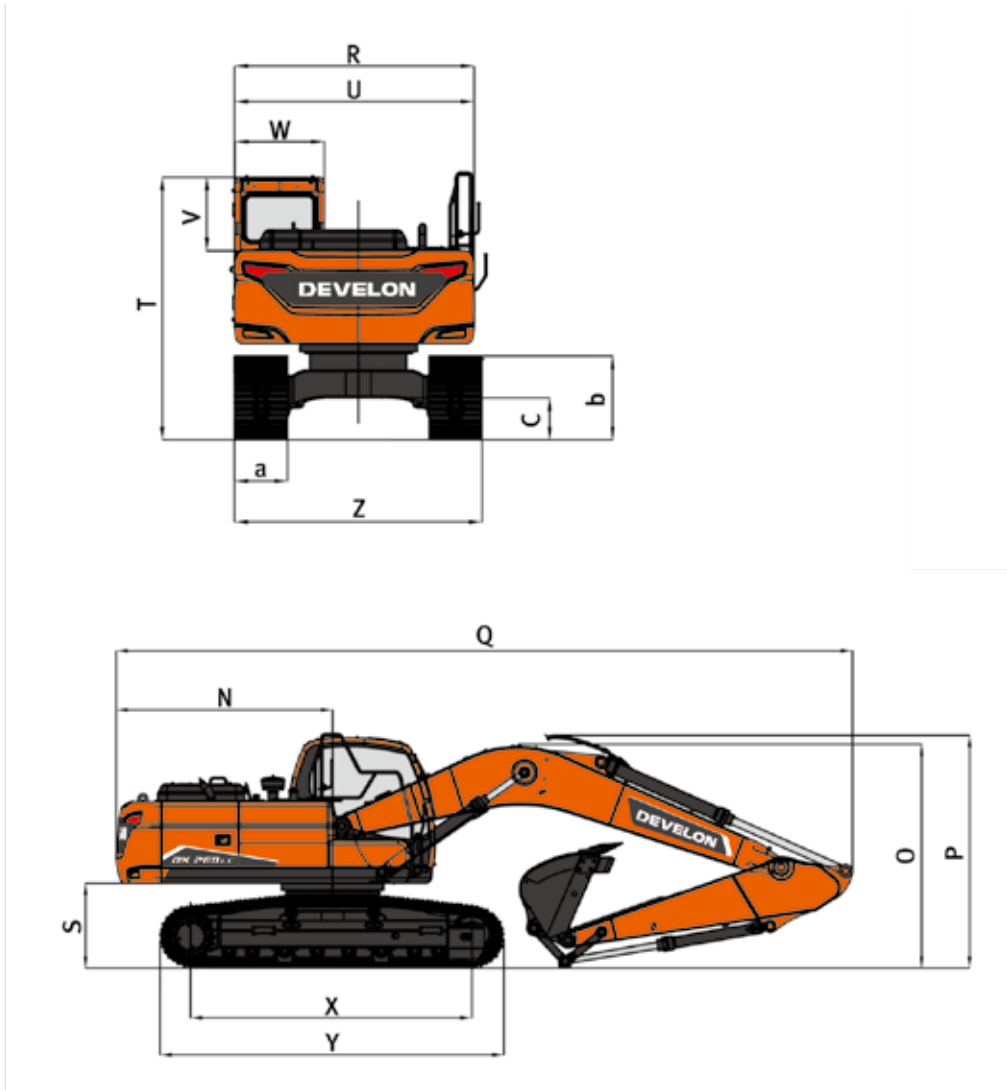
Boom	5,900mm
Arm	3,000mm
Bucket	1.5m³
Shoe width	600mm
Operating weight	26,000kg
Ground pressure	0.53kgf/cm²

Hydraulic cylinder

Boom	130 mm x 90 mm x 1,365 mm
Arm	145 mm x 105 mm x 1,655 mm
Bucket	125 mm x 90 mm x 1,080 mm

Max. Digging Force (ISO)

Bucket	17.0 ton (166.6 kN)
Bucket (Pressure up)	17.9 ton (175.4 kN)
Arm	11.7 ton (114.7 kN)
Arm (Pressure up)	12.4 ton (121.5 kN)



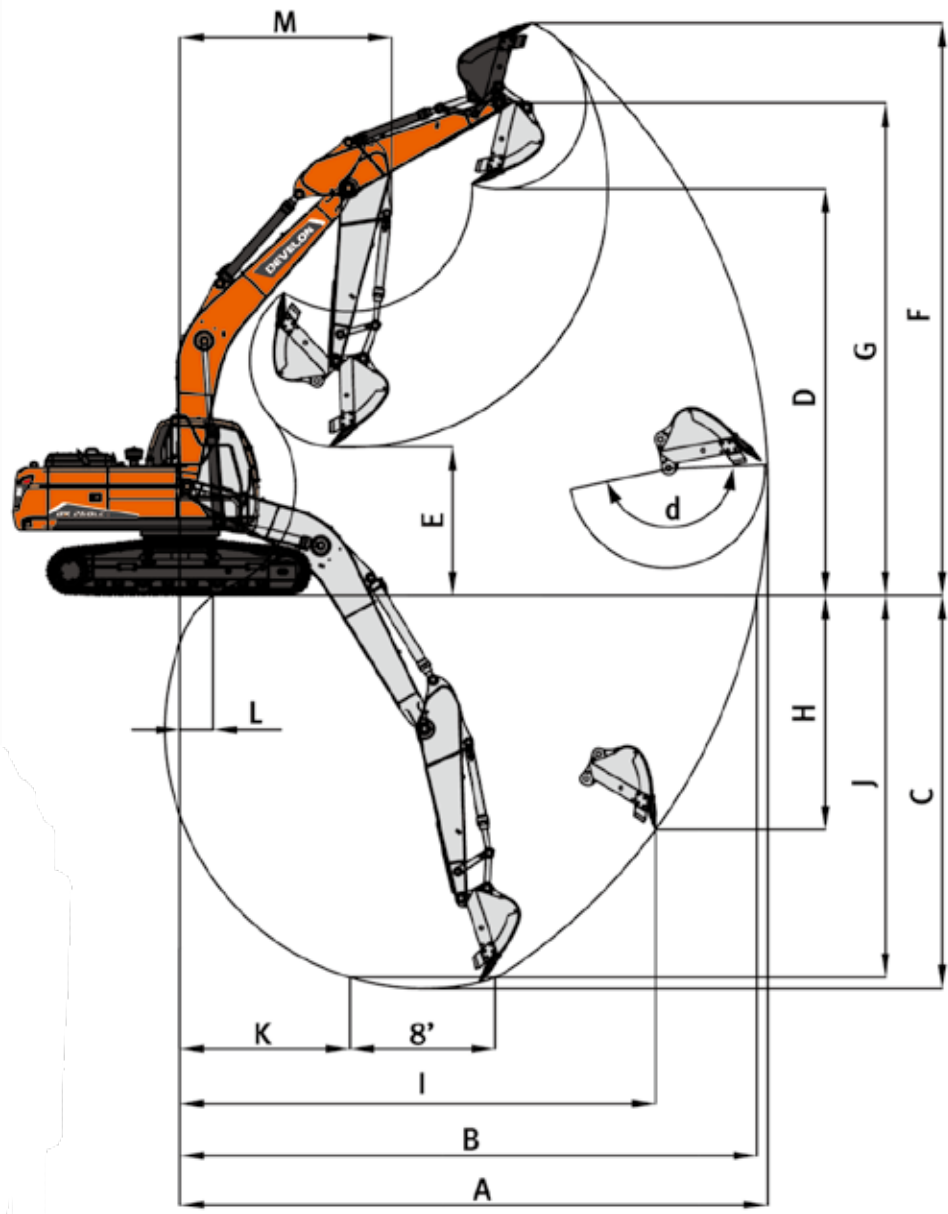
DIMENSIONS

Model	DX260LC-7M		
Boom		mm	5,900
Arm		mm	3,000
Bucket		m³	1.5
Rear Swing Radius	N	mm	3,040
Shipping Height (Boom)	O	mm	3,015
Shipping Height (Hose)	P	mm	3,155
Overall Length	Q	mm	10,082
Overall Width	R	mm	3,200
Counterweight Clearance	S	mm	1,110
Height over Cabin	T	mm	2,990
House Width	U	mm	2,863
Cabin Height Above House	V	mm	835
Cabin Width	W	mm	1,010
Tumbler Distance	X	mm	3,835
Track Length	Y	mm	4,630
Undercarriage Width	Z	mm	3,200
Shoe Width	a	mm	600
Track Height	b	mm	995
Ground Clearance	c	mm	450

WORKING RANGES

WORKING RANGES

Model	DX260LC-7M		
Boom		mm	5,900
Arm		mm	3,000
Bucket		m ³	1.5
Max. Digging Reach	A	mm	10,200
Max. Digging Reach (Ground)	B	mm	10,020
Max. Digging Depth	C	mm	6,835
Max. Loading Height	D	mm	6,995
Min. Loading Height	E	mm	2,560
Max. Digging Height	F	mm	9,670
Max. Bucket Pin Height	G	mm	8,493
Max. Vertical Wall Depth	H	mm	4,742
Max. Radius Vertical	I	mm	7,678
Max. Depth to 8' Line	J	mm	6,655
Min. Radius 8' Line	K	mm	2,963
Min. Digging Reach	L	mm	628
Min. Swing Radius	M	mm	3,720
Bucket Angle		deg (°)	169



We are DEVELON

We trace our roots to 1937 as one of Korea's first large scale machine plant. Throughout time we have consistently delivered exceptional products and solutions.

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 seek to be part of our customers and partners' endeavor to build a better world.

Powered by Innovation



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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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