

> We Are DEVELON

DEVELON is powered by 88 years of trusted engineering expertise and proven quality.

We transform this legacy into smart products and digital solutions that move the industry forward. Built on trust and driven by innovation, DEVELON remains dedicated to maximizing customer value in the future.

Powered by **Innovation**



<https://global.develon-ce.com>

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2026.01

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

DX80D

Operating Weight: 7,650 kg | Rated Power: 36.4 kW/3,000 rpm | Bucket Capacity: 0.30 m³



DEVELON

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We Are DEVELON

DEVELON represents a renewed and elevated brand identity, built on our core philosophy of sustainable development and a commitment to creating a positive impact. Looking ahead, we will continue to deliver innovative products and solutions that drive progress in today's world.



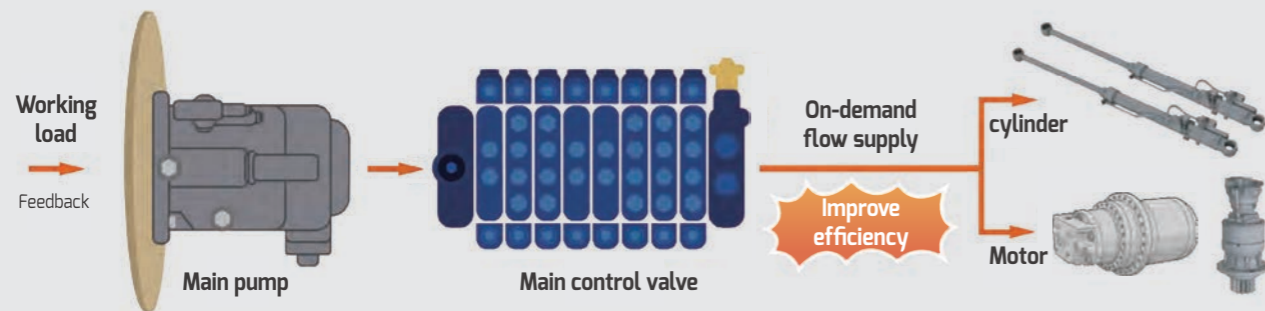
Optimized Power. Maximized Comfort

The new series inherits the design heritage and is equipped with the DEVELON DW02 turbocharged high-performance engine. DEVELON's customized main pump and main control valve ensure rational power matching with stable and durable performance. Operational comfort has been further optimized, helping customers tackle a wide range of demanding conditions and maximize benefits.



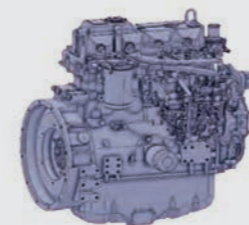
New Hydraulic System

The advanced LS system allocates hydraulic flow on demand, maximizing energy efficiency while ensuring precise execution of every operator command, resulting in superior controllability.



Engine

Manufacturer	DEVELON DW02
Power	36.4 kW/3,000 rpm
Number of Cylinders	4



Long and Wide undercarriage

Tumbler distance 2,130mm	Track gauge 1,750mm
Track length 2,757mm	Overall width 2,250mm



Designed to deliver higher performance, durability, and comfort with an in-house engine

- Powerful Performance with Reliable Quality Guarantee

- Powerful performance supported by advanced DEVELON DW02 turbocharged engine, with reliable quality guarantee.
- Optional 1,900mm long arm configuration for extend working range.
- Standard 0.3 m³ large bucket offers excellent adaptability to meet diverse customer needs.

- Optimized Performance, Energy Saving, and Ensured Profitability

- LS hydraulic system supplies flow on demand, maximizing energy efficiency.
- Boom priority in combined operations significantly increases speed and greatly improves the operator experience.
- Engine meets Emission Standards without after-treatment, ensuring worry-free and effortless operation.

- Upgraded Structures to Withstand Harsh Conditions

- New side-mounted boom platform effectively reduces swing moment of inertia.
- Widened undercarriage and track shoe design enhance overall operational stability.

- Comfortable Cab Environment, Improved Operating Experience

- Large cab with ample space, offering 360-degree all-around visibility.
- The suspension seat effectively filters out operational vibrations, significantly enhancing operator comfort.
- Large display, one-button start, enhancing convenience.





Optimized shock absorption effect
Combined with suspension seat
Reduced operational fatigue

Comfortable and Safe Cab Environment



1. Spacious Cab

Stylish exterior, spacious and bright interior for a more comfortable operation.

2. Air Conditioning System

Comfortable air conditioning system with front and rear outlets ensures a pleasant workspace.

3. Suspension Seat

New adjustable suspension seat (up/down, forward/backward) provides ample cushioning to enhance comfort.

4. Large Display Instrument Panel

Full-color large display provides detailed information and allows for necessary performance settings.

5. Engine Emergency Stop Button

Pressing the stop button cuts off the engine's fuel supply, saving fuel and ensuring personnel safety.

6. Air Conditioning Filter

Easily accessible and cleanable air conditioning filter.

7. Bluetooth Radio

Upgraded features allow Bluetooth or USB connection to mobile phones for listening to music and calling easily.

8. One-Button Start

One-button start for further enhanced convenience.

> Convenient, Fast, and Efficient Maintenance

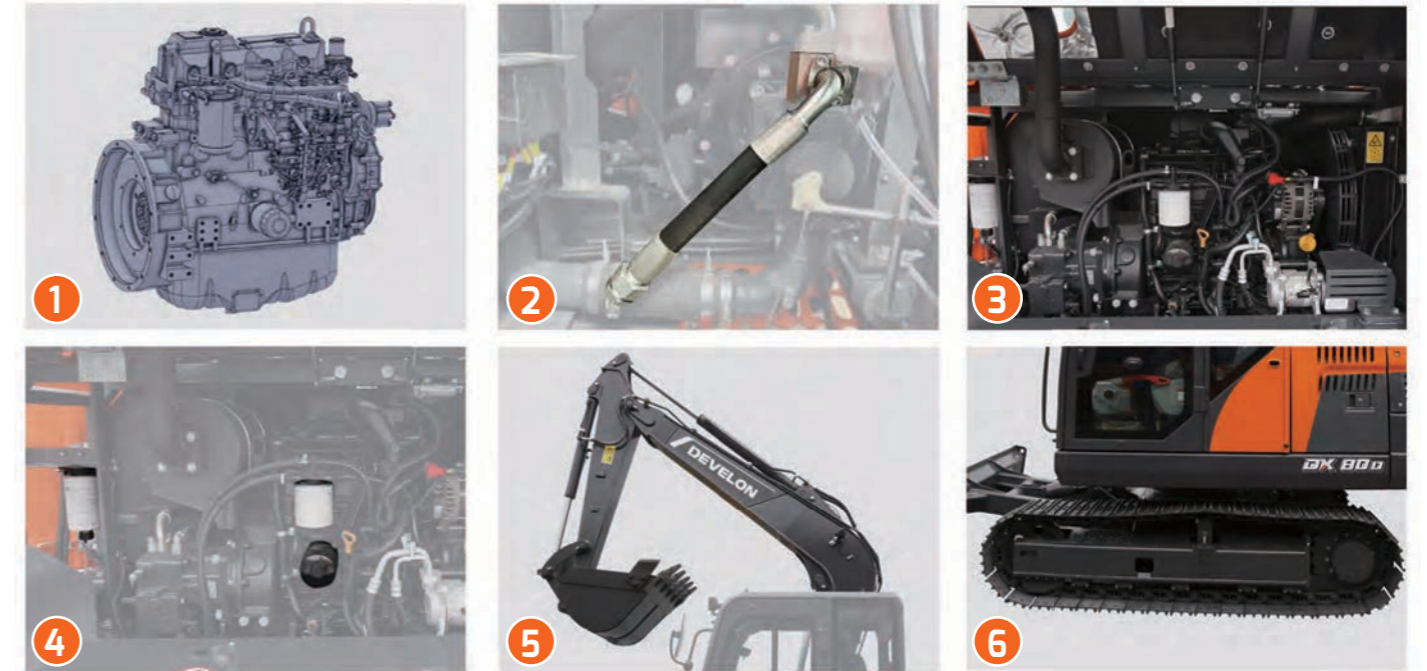
One-button Start: All-new convenient maintenance settings provide customers with easy and quick operating conditions.



The new high-quality work lights significantly increase illumination, providing a reliable safeguard for nighttime operations.



> Reliable and Convenient Maintenance System



1. Efficient and Durable Engine

DEVELON's 4-cylinder engine has been proven through long-term market application, delivering low fuel consumption, strong power, and excellent durability.

2. Cushion Hose

A cushion hose added to the main pump reduces engine vibration and extends the engine's service life.

3. Centralized Filter Placement

Opening the engine hood allows easy access to various filters and the water filler, facilitating maintenance.

4. Multi-Stage Fuel Filtration System

The multi-stage fuel filtration system ensures engine durability while reducing harmful emissions.

5. Reinforced Boom and Arm Design

The boom and arm feature reduced welds and an optimized structure to avoid stress concentration. The integrated boom base plate design enhances the structural stability and durability of both the boom and arm.

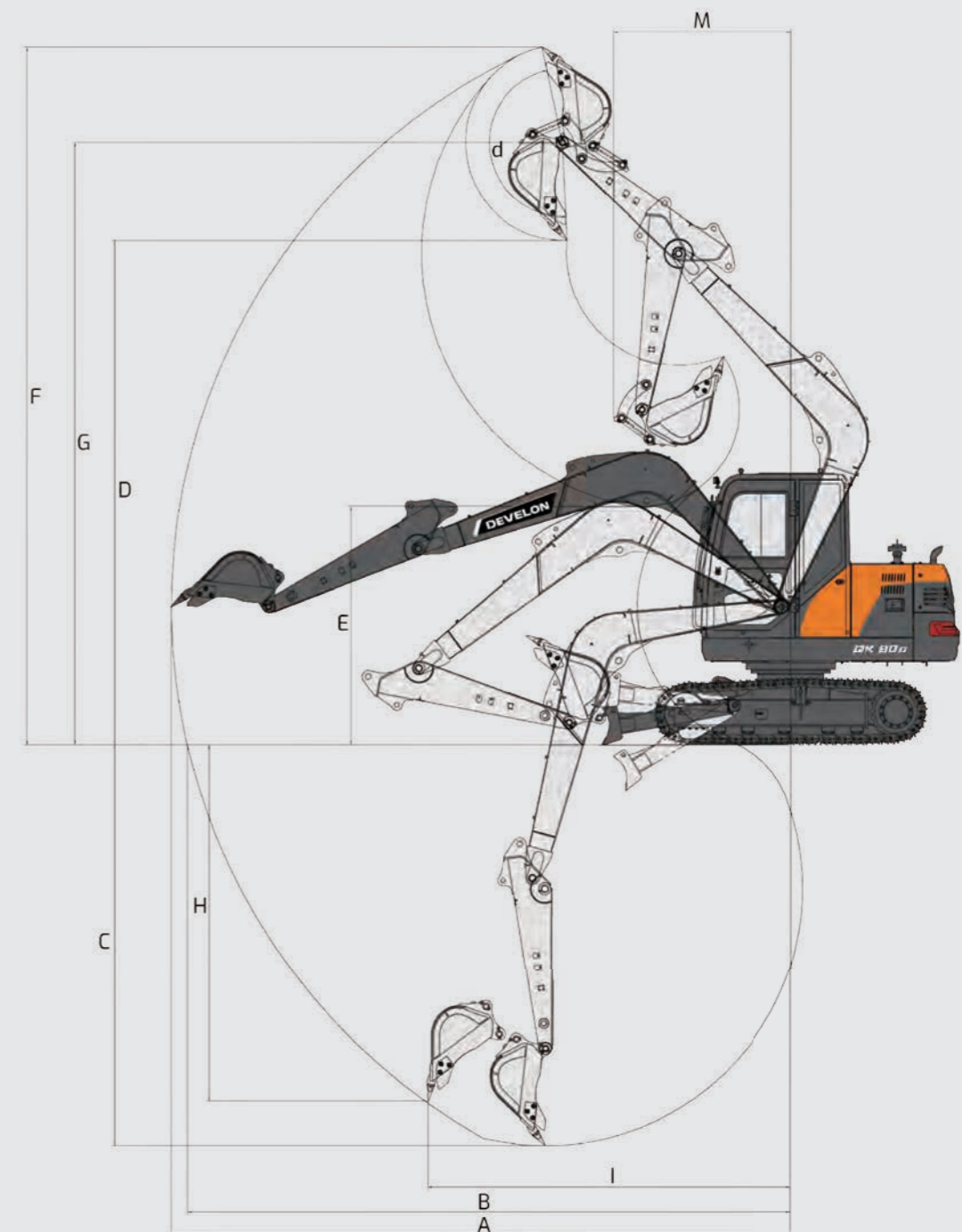
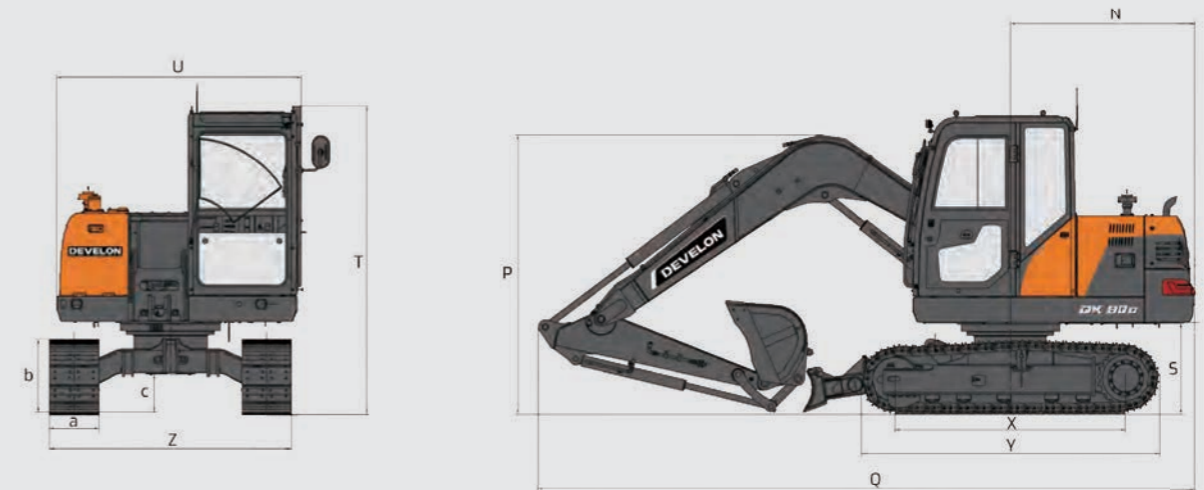
6. Widened Undercarriage Tracks

Increased track shoe width ensures undercarriage stability during operation in harsh conditions.



Technical Specifications

Model	DX80D		
Max. Digging Reach	A	(mm)	6,290
Max. Ground-Level Digging Reach	B	(mm)	6,098
Max. Digging Depth	C	(mm)	4,070
Max. Loading Height	D	(mm)	5,070
Max. Digging Height	F	(mm)	7,050
Max. Bucket Pin Height	G	(mm)	6,085
Max. Vertical Digging Depth	H	(mm)	3,600
Min. Swing Radius	M	(mm)	1,930
Tail Swing Radius	N	(mm)	1,930
Shipping Height (Boom)	P	(mm)	2,570
Shipping Height (Cabin)	T	(mm)	2,780
Shipping Length	Q	(mm)	6,310
Counterweight Ground Clearance	S	(mm)	846
Track Gauge	X	(mm)	2,130
Track Length (on ground)	Y	(mm)	2,757
Upper Structure Width	U	(mm)	2,218
Lower Structure Width	Z	(mm)	2,250
Track Shoe Width	a	(mm)	450
Overall Track Height	b	(mm)	682
Minimum Ground Clearance	c	(mm)	367



Main Specifications

Engine	
Model	DEVELON DW02
Number of Cylinders	4

Basic Specifications

Boom	3,722mm
Arm	1,620mm
Bucket Capacity	0.30m ³
Track Shoe	450mm
Operating Weight	7,650kg
Swing Speed	11.5rpm
Travel Speed (High / Low)	4.2/2.6km/hr

Cylinder	
Boom (Bore × Rod Diameter × Stroke)	110×65×885mm
Arm (Bore × Rod Diameter × Stroke)	90×60×900mm
Bucket (Bore × Rod Diameter × Stroke)	85×55×730mm
Dozer (Bore × Rod Diameter × Stroke)	115×70×130mm

Engine	
Cylinder Bore × Piston	φ90×100mm
Rated Power	36.4kW/3,000rpm

Tank Capacity	
Fuel Tank	148L
Engine Oil	9L
Travel Gear Oil	2×2L
Hydraulic Tank	90L

Maximum Digging Force (ISO)	
Bucket	5.6ton
Arm	3.8ton

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 ten other PDCs include one in China (Yantai), three in USA (Atlanta, Seattle and Miami), two in Europe (Belgium and the UK), one in the Middle East (Dubai), one in Asia (Indonesia) and one in Brazil (São Paulo).

