Mini Excavators

DX27Z-7
DX35Z-7

DX27Z-7

Maximum power:	25 hp
Operating weight:	2 730 kg
Bucket capacity:	0.08 m³

DX35Z-7

Maximum power:	25 hp
Operating weight:	4 040 kg
Bucket capacity:	0.11 m³



DEVELON

DEVELON

Continuous Evolution for the Better.

We trace our roots back to 1937 as one of Korea's first large-scale machine plants. Since then, we have consistently delivered earthmoving 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 to make a positive mark on our world. Moving forward, we will continue providing innovative products and solutions that advance the world we live in today.



Get Power, Efficiency, and Versatility in One Compact Excavator

Experience the balance of power, efficiency, and comfort with the Develon DX27Z-7 and DX35Z-7 mini excavators.

The Develon DX27Z-7 and DX35Z-7 mini excavators are built to maximize job site productivity, combining exceptional fuel efficiency and easy-to-transport compact design with unmatched everyday reliability. From agile maneuverability to rugged durability, these versatile machines are designed to excel in tight spaces.

Stage V engines made for strong torque and reliable power
- Kubota V1505 for DX27Z-7
- Develon DW01 with an improved cooling system for DX35Z-7

For every job site and application
- Low noise and vibration for smoother operation
- Zero tail swing design for confident operation in tight spaces

Safety That Never Compromises
- Overload warning system and ROPS for operator protection in case of tipping or overloading
- Rearview camera for enhanced visibility and site awareness
- Travel speed auto shift for smooth transitions and safer machine handling
- Optional counterweights for better stability during lifting and movement

Reliability That Stands the Test
- Cylinder guards for the protection of critical components
- Strengthened boom for long-lasting durability
- Robust design made for demanding tasks
- Easy transport with updated tie-down points

Comfort on the Job
- Large glass door for easy access and improved visibility
- Heated, adjustable suspension seat for maximum comfort

Maintenance Made Simple
- Real-time diagnostics for proactive alerts
- Battery cut-off switch to conserve battery life
- My Develon


EVELON
DX 35Z

The DX27Z-7 and DX35Z-7 are built to deliver exceptional performance in a compact package. With powerful digging, pulling, and traction forces, they effortlessly tackle any job site, offering the perfect balance of strength and agility to maximize your productivity.

Improved Performance
Powered by the high-torque Kubota V1505 engine (1 498 cm^3 displacement and 92.1 Nm of torque) on the DX27Z-7 and the new Develon DW01 engine (1 647 cm^3 displacement and 102 Nm of torque) on the DX35Z-7, these machines excel in heavy-duty applications. Both feature enhanced cooling, two-stage air cleaners, and dual insulators for reduced noise and lower vibrations. This delivers the reliable muscle needed for superior digging, lifting, and travel performance — even in tough ground conditions — while ensuring maximum operator comfort and environmental efficiency.

Designed for Tight Spaces
Maximize efficiency in confined areas with the machines' zero tail swing and ultra-compact design. The innovative boom swing function allows for smooth operation in the tightest spaces, with no rear overhang, ensuring safer operation and reducing the risk of damage to surrounding structures.

Hydraulic Performance at Its Best
Experience the hydraulic power of the DX27Z-7 and DX35Z-7. With generous flow capacity, precise controls, and proportional flow rate, every move feels effortless. Add the optional quick coupler for fast attachment changes and keep productivity moving.

Move Towards Efficiency
The DX27Z-7 is engineered to tackle demanding tasks while keeping operating costs low. With two travel speeds and automatic autoshift, it smoothly adapts to various terrains. With the DX35Z-7's improved arm speed, you can complete cycles even faster and tackle demanding tasks with maximum efficiency.





Compact Power, Unmatched Performance



Built-In Protection for Every Task



Your safety is our highest priority, and these machines come equipped with state-of-the-art safety features designed to help you work with confidence and peace of mind. From the auto safety lock and overload warning system to the Roll Over Protective Structure (ROPS), every detail is thoughtfully engineered to keep you protected on the job.

Built for Balance
The heavy-duty cast counterweight ensures exceptional stability, allowing you to handle challenging tasks without hesitation. With options for a one-piece counterweight weighing either 205 kg or 245 kg, the machine maintains optimal balance, giving you the freedom to focus fully on the job at hand.

Advanced Safety Features
Equipped with advanced safety features, the DX27Z-7 / DX35Z-7 are designed to keep you protected on every job. The safety lever locks the system when not in use, preventing accidental operation, while the Roll Over Protective Structure (ROPS) and emergency engine stop switch add extra peace of mind. The overload warning system alerts you before lifting beyond safe limits, helping avoid accidents. And with automatic travel speed shifting, the machine adapts between low and high speeds on its own — so you can move safely across any terrain, no extra effort needed.

Enhanced Visibility, Total Control
Stay in command of your surroundings with improved visibility and control. A wider cab entry point, an added sun visor, a maintenance window, and a shifted boom center (DX35Z-7) help improve visibility. Combined with powerful LED lights on the boom and cab, large glass doors, and a rear view camera, these features contribute to a safer working environment.
For added security, the machine comes with a rotating beacon and reinforced cast steel pivot, ensuring safe operation no matter the conditions.



Made to Endure



These mini excavators are built to take on tough jobs with strength and reliability. Their reinforced chassis and optimized boom shape ensure even load distribution and long-lasting performance. Redesigned tie-down points make transport faster, easier, and more secure, so you can move confidently from site to site. Every detail is crafted from premium materials and rigorously tested to deliver durability you can count on. And with extended maintenance intervals and expert support always within reach, these machines help you maximize uptime and stay focused on the work ahead.

Cylinder Guards
The cylinder guards are designed with a hose-through-workgroup setup, plus additional protective elements on the arm and boom. A newly added cylinder dozer blade cover adds extra protection, reducing wear and ensuring durability in tough conditions.

Strengthened Boom
A better boom position, smarter weight distribution, and tougher materials mean less wear and tear, and a machine you can count on for the long haul.

Arm Assembly
The arm assembly is reinforced with cast elements and extra support around key connection points. This design boosts strength and extends the life of the arm, ensuring it stands up to even the hardest jobs.

Tie-Down Points
Redesigned tie-down points make transporting these mini excavators quicker, easier, and more secure, giving you the confidence to move from site to site. For even faster handling, the DX35Z-7 features an additional tie-down point on the side frame.





A Workspace Designed Around You

The DX27Z-7 and DX35Z-7 feature one of the most spacious cabs on the market, with low noise and vibration levels and excellent all-round visibility. Designed for operator comfort and focus, it offers easy access, clear sightlines, and thoughtful touches like a relocated radio and improved lighting. The boom swing control is now right at your fingertips, and a new airflow system helps keep the cab cool, so you stay sharp and productive all day.

Crafted for Your Comfort

These mini excavators are built with you in mind, creating the perfect workspace. The ISO-certified pressurized ROPS cab keeps you safe while also offering a spacious interior with a fully adjustable, comfortable seat. Once seated, you'll have easy access to storage compartments and a clear, all-around view of the worksite. Noise and vibration are minimized, and with the optional air conditioning, you'll stay cool and comfortable—helping you work efficiently and get the most out of your investment.

Other Cabin Features

- One of the most spacious cabs on the market, with low noise and vibration levels, and excellent all-round visibility
- Large glass door for easy access and better visibility
- Fully adjustable, heated mechanical suspension seat, with optional air conditioning and climate control
- DAB (Digital Audio Broadcasting) radio system with hands-free and Bluetooth streaming
- Shifted boom center for even greater visibility
- Additional lights as standard on the DX35Z-7





Powerful, Reliable, and Easy to Maintain

The DX27Z-7 and DX35Z-7 are engineered for effortless maintenance, offering ground-level access to key components, filters, and refilling points. Service areas, including the engine, pump package, valve bank, and cooling system, are conveniently accessible. Real-time diagnostics displayed on the 5.7-inch digital control panel help you monitor vital systems, boosting efficiency and minimizing downtime.

Easy Maintenance Access

A battery cut-off switch allows easy disconnection of the battery during long-term storage, while the battery jump point enables quick and safe connection for charging or jump-starting. The hour meter display is easily checked from ground level.

For extra accessibility and servicing convenience, all filters (engine oil filter, fuel pre-filter, fuel filter, and pilot filter) are accessible from ground level.

Plus, a new maintenance window on the DX35Z-7 provides easy, direct access to the engine for even simpler servicing.

Rubber Tracks

The rubber tracks offer enhanced non-slip grip and are less harmful to sidewalks and road surfaces in urban environments.

Engine Room

The engine compartment is designed for easier servicing. Sturdy soundproofing inside the engine cover reduces noise, creating a more comfortable environment for the operator and those working nearby.

Oil Gauge

The hydraulic oil cover is conveniently located outside the cabin, providing easy access to the hydraulic tank fill port. You have direct access to the hydraulic tank level gauge to quickly check the oil level. Additionally, the hydraulic system is designed to prevent pump cavitation.

Grease Piping

Integrated grease piping simplifies maintenance of the swing bearing and boom swing cylinder.

External Fuel Cap

The external, lockable fuel cap makes refueling easy and safe. A warning LED light flashes when the maximum fuel level has been reached, adding extra convenience.

My Develon 〉 Management on the Jobsite 〉 Work Efficiency Management 〉 Preventive Management 〉 Proactive Service



Monitor Your Equipment From Anywhere

To compete and succeed, your equipment must maximize jobsite productivity and profitability. Develon machines do both. To ensure a high return on investment, we include more premium features as standard on every model—features that other manufacturers often offer only as costly upgrades. By making them standard, Develon gives you a competitive edge, helping operators work more efficiently and enhancing safety during long days in the field.

Telematics Terminal
A terminal device is installed and connected to a machine to capture machine data.

Telecommunication
Develon offers dual-mode communication (mobile and satellite) for maximum coverage.

My Develon
Stay informed with My Develon — the digital platform that consolidates all equipment information and digital services in one place for quick and easy access.

Operation Hours	Total operating hours and hours by mode
Fuel Efficiency*	Fuel levels and consumption
Reports & Location	Operation report and utilization, GPS, and geofencing
Warnings & Alerts	Detect machine warnings, antenna disconnections, and geo/time fence breaches
Filter & Oil Management	Preventive maintenance through scheduled part replacements

**Functions may not be applied to all models. Please contact your sales representative for more information on this feature.*


DX 27Z

Attachments

Selecting the right attachment for an excavator is crucial for maximum performance and efficiency.



Grading buckets

Also known as a cleaning or maintenance bucket, the Develon grading bucket is built for smooth finishes and everyday versatility. Its wide, sleek design makes it ideal for grading, ditching, and clearing out debris for better drainage.



Digging buckets

Develon digging buckets are all-purpose tools designed for bulk digging and excavating in most ground conditions.



Hydraulic breakers

Essential for efficiently breaking through rock, hydraulic breakers facilitate faster and more precise excavation.



Quick couplers

Develon quick couplers are known for their reliability, performance, and easy service, thanks to their simple yet effective design.




DEVELON
DX 27Z

DEVELON

Technical Specifications

DX27Z-7



Engine

Designed to deliver superior performance and fuel efficiency, the Kubota V1505 diesel engine fully complies with the latest Stage V emission regulations. To optimize machine performance, it features high-pressure fuel injectors, natural aspiration, and electronic engine controls.

Manufacturer	Kubota
Model	KUBOTA V1505
Number of cylinders	4
Gross rated power	25 hp (18.5 kW) at 2 300 rpm
Net maximum torque	92.2 Nm
Displacement	1 498 l
Bore and stroke	78 × 78.4 mm
Starter	12V – 1.4 kW
Air cleaner	Double elements

Undercarriage

Built with extremely robust construction using high-quality, durable materials, and welded structures designed to minimize stress.

- Track rollers lubricated for life
- Idlers and sprockets fitted with floating seals
- Track shoes made of induction-hardened alloy with triple grouser
- Heat-treated connecting pins
- Hydraulic track adjuster with shock-absorbing tension mechanism

Rubber track width	300 mm
Number of rollers	3
Number of links & shoes per side	80
Link pitch	101.6 mm
Ground pressure	0.29 kgf/cm^2

Hydraulic System

The e-EPOS (Electronic Power Optimising System) is the brain of the excavator – minimising fuel consumption and optimizing the efficiency of the hydraulic system for all working conditions. To harmonize the operation of the engine and the hydraulics, the e-EPOS is connected to the engine's electronic control unit (ECU) via a data transfer link.

- 2 travel speeds offer either increased torque or high speed
- Cross-sensing pump system for fuel savings
- Auto-deceleration system
- 3 operating modes
- Flow and pressure control of auxiliary hydraulic circuits from control panel
- Computer-aided pump flow control

Main pump type	Axial piston pump
Main pump	2-28.8 l/min at 2 400 rpm
Gear	19.2 l/min at 2 400 rpm
Pilot pump (gear design)	10.8 l/min at 2 400 rpm

Drive

Each track is driven by an independent, high-torque axial piston motor through a planetary reduction gearbox. Two levers / foot pedals guarantee smooth travel with counter-rotation on demand. The track frame protects the travel motor, brake, and planetary gears. The multi-disc track brakes are spring-applied and hydraulic released.

Travel speed (low – high)	2.5 / 4.3 km/h
Maximum traction	3.13 t
Maximum gradeability	30° / 58 %

Refill Capacities

Fuel tank	46 (36) l
Cooling system (radiator capacity)	4.8 l
Engine oil	6.7 l
Travel device	2 × 0.9 l
Hydraulic tank	51 (39) l

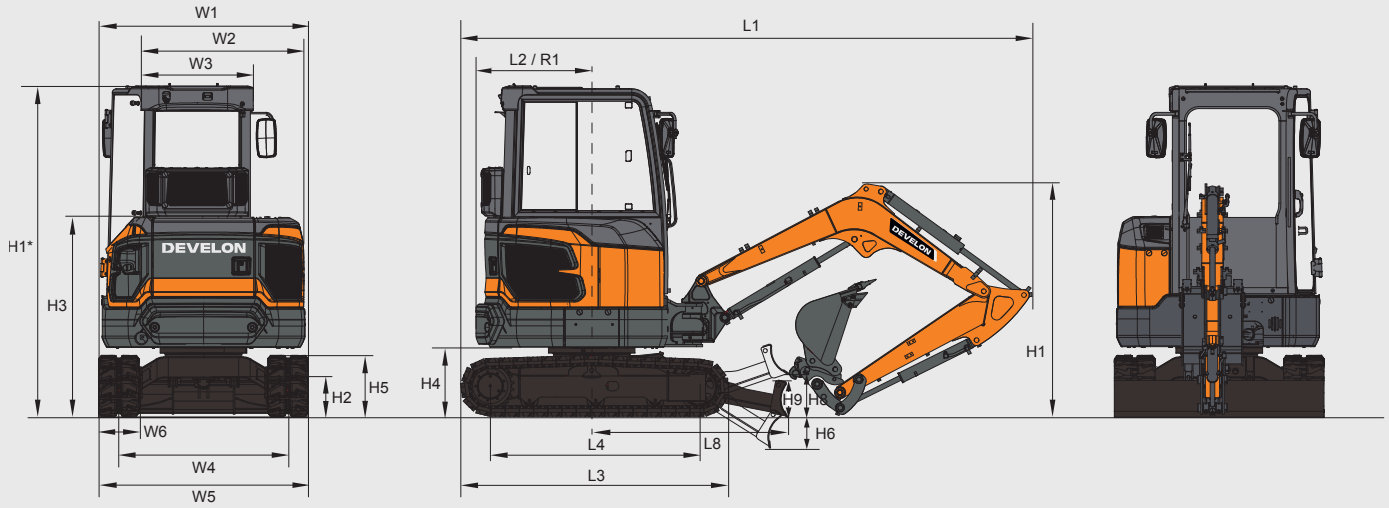
Performance

Swing speed	9.3 rpm
Maximum swing torque	5.46 kN.m
Bucket breakout force (ISO) (ton)	2.22
1.1 m Arm tearout force (ISO) (ton)	1.3
1.3 m Arm tearout force (ISO) (ton)	1.45

Environment

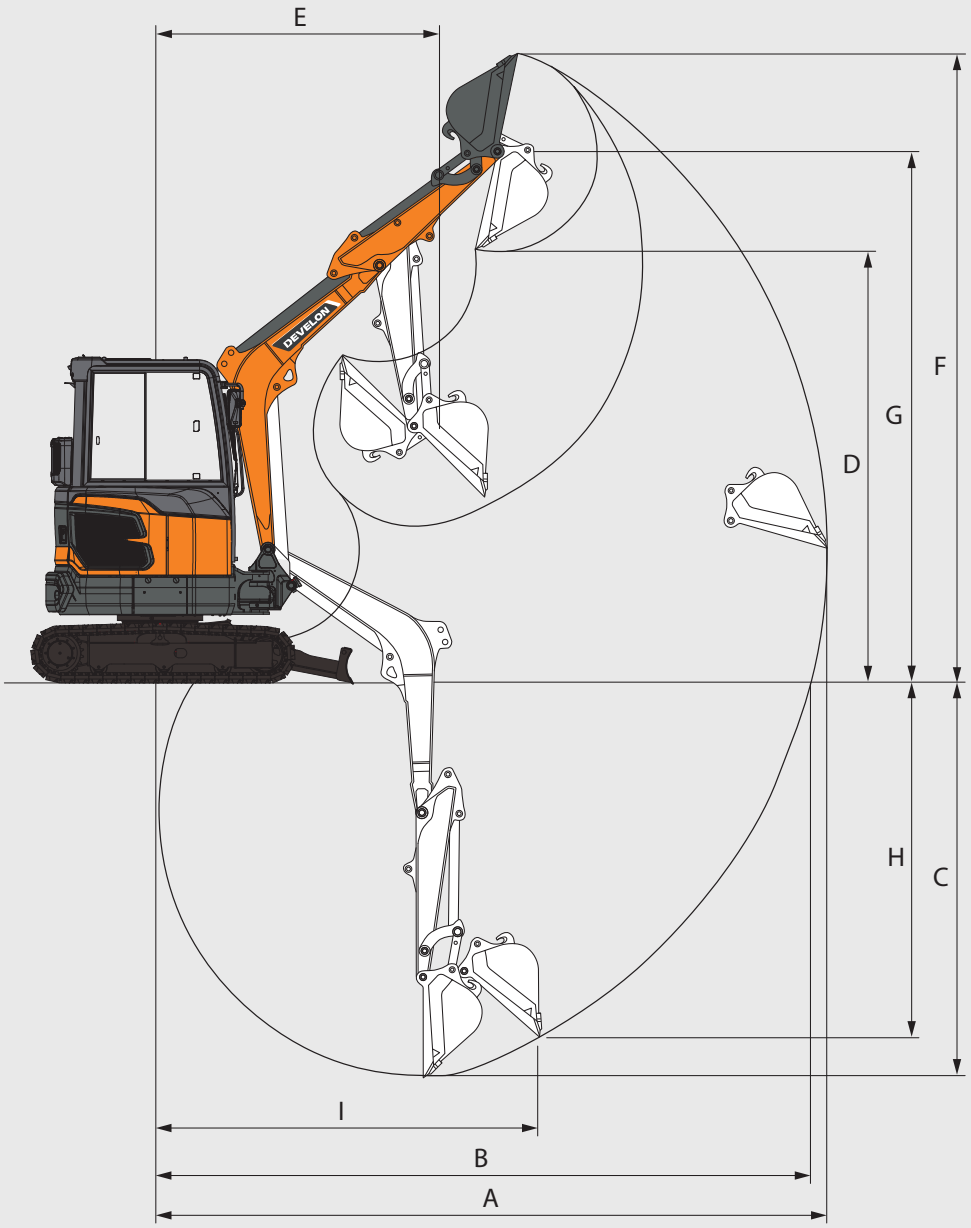
Sound level	94 dB(A)
Cabin sound level	76 dB(A)

Dimensions



Description			Unit	1.1 m arm	1.3 m arm
Operating weight			kg	2 730	2 830
Additional counterweight			kg	–	100
Bucket capacity (ISO)			m³	0.06	0.08
Shoe			–	Rubber	
Overall length	L1		mm	4 186	4 191
Overall height	H1	Boom	mm	1 556	1 688
		Cab (canopy)	mm	2 442	
Overall width	W1		mm	1 550	
Rear swing radius	R1		mm	790	855
Ground clearance	H2		mm	217	
Rear end distance	L2		mm	790	855
House width	W2		mm	1 500	
Cabin width	W3		mm	1 062	
Height over cover	H3		mm	1 471	
Counterweight clearance	H4		mm	512	
Track height	H5		mm	451	
Track length	L3		mm	1 960	
Tumbler distance	L4		mm	1 540	
Track gauge	W4		mm	1 250	
Undercarriage width	W5		mm	1 550	
Shoe width	W6		mm	300	
Blade digging depth	H6		mm	335	
Blade lift clearance	H8		mm	383	
Blade height	H9		mm	289	
Distance to blade end	L8		mm	1 450	
Boom swing angle (left / right)			mm	60 / 60	

Working Range



Description		Unit	1.1 m arm	1.3 m arm
Bucket capacity		m^3	0.08	
Max. digging reach	A	mm	4 655	4 845
Max. digging reach (ground)	B	mm	4 520	4 720
Max. digging depth	C	mm	2 645	2 845
Max. dumping height	D	mm	2 935	3 065
Min. swing radius	E	mm	2 045	2 095
Max. digging height	F	mm	4 385	4 515
Max. bucket pin height	G	mm	3 665	3 795
Max. vertical wall depth	H	mm	1 565	1 690
Max. radius vertical	I	mm	3 670	3 815

Lifting Capacities

Boom 2.09 m · Arm 1.3 m · Counterweight 205 kg · Shoe (Rubber) 300 mm · W/O bucket

Blade up

Unit: 1 000 Kg

A	1 m		2 m		3 m		4 m		Max, Reach (m)		
B											A
3 m					0.5*				0.5	0.4	3.45
2 m					0.57*	0.5			0.39	0.32	3.96
1 m					0.58	0.47	0.38	0.3	0.36	0.29	4.11
0 m			1.05	0.8	0.56	0.45			0.38	0.3	3.96
-1 m	1.55*		1.06	0.81	0.56	0.44			0.46	0.37	3.43
-2 m			0.71*						0.58*		2.18

Blade down

Unit: 1 000 Kg

A	1 m		2 m		3 m		4 m		Max, Reach (m)		
B											A
3 m					0.5*				0.55*	0.51	3.45
2 m					0.57*				0.56*	0.41	3.96
1 m					0.77*	0.6	0.59*	0.39	0.58*	0.37	4.11
0 m			1.59*	1.08	0.91*	0.58			0.62*	0.39	3.96
-1 m	1.55*		1.52*		0.84	0.57			0.65*	0.48	3.43
-2 m			0.71*						0.58*		2.18

Boom 2.09 m · Arm 1.3 m · Counterweight 245 kg · Shoe (Rubber) 300 mm · W/O bucket

Blade up

Unit: 1 000 Kg

A	1 m		2 m		3 m		4 m		Max, Reach (m)		
B											A
3 m					0.5*				0.52	0.43	3.45
2 m					0.57*	0.53			0.41	0.34	3.96
1 m					0.61	0.5	0.4	0.32	0.38	0.31	4.11
0 m			1.11	0.85	0.59	0.47			0.4	0.32	3.96
-1 m	1.55*	1.55*	1.11	0.85	0.59	0.47			0.49	0.39	3.43
-2 m			0.71*						0.58*		2.18

Blade down

Unit: 1 000 Kg

A	1 m		2 m		3 m		4 m		Max, Reach (m)		
B											A
3 m					0.5*				0.55*	0.54	3.45
2 m					0.57*				0.56*	0.43	3.96
1 m					0.77*	0.63	0.59*	0.41	0.58*	0.39	4.11
0 m			1.59*	1.13	0.91*	0.61			0.62*	0.41	3.96
-1 m	1.55*	1.55*	1.52*	1.14	0.84*	0.6			0.65*	0.5	3.43
-2 m			0.71*	0.71*					0.58*	0.58*	2.18

Boom 2.03 m · Arm 1.1 m · Counterweight 145 kg · Shoe (Rubber) 300 mm · W/O bucket

Blade up

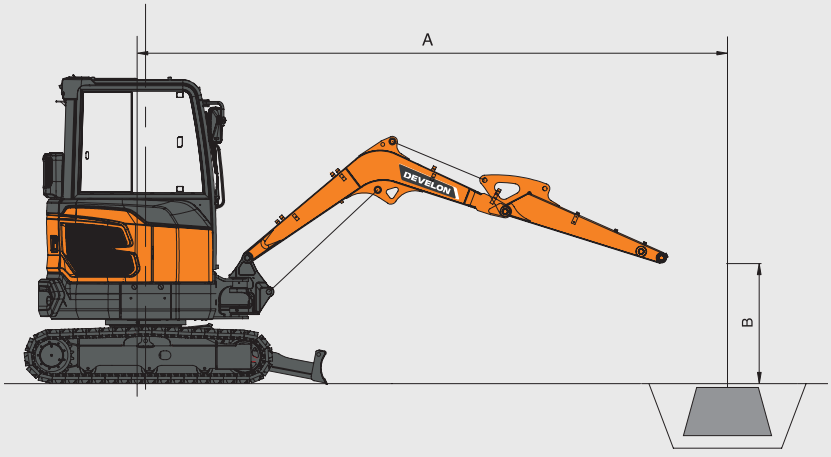
Unit: 1 000 Kg

A	1 m		2 m		3 m		Max, Reach (m)		
B									A
3 m					0.57*	0.48	0.53	0.43	3.2
2 m					0.58	0.47	0.4	0.32	3.76
1 m					0.55	0.44	0.37	0.29	3.92
0 m			1	0.76	0.53	0.42	0.38	0.31	3.76
-1 m	1.82*	1.82*	1.01	0.77	0.53	0.42	0.49	0.39	3.19

Blade down

Unit: 1 000 Kg

A	1 m		2 m		3 m		Max, Reach (m)		
B									A
3 m					0.57*		0.6*	0.55	3.2
2 m					0.63*	0.6	0.6*	0.42	3.76
1 m					0.81*	0.57	0.62*	0.38	3.92
0 m			1.59*	1.03	0.91*	0.55	0.65*	0.4	3.76
-1 m	1.82*	1.82*	1.41	1.04	0.79*	0.55	0.68*	0.51	3.19



= Rating over front
= Rating over side or 360°

1. Load point is the end of the arm.
2. Capacities marked with an asterisk (*) are limited by hydraulic capacities.
3. Lift capacities shown do not exceed 75 % of minimun tipping loads or 87 % of hydraulic capacities.
4. The least stable position is over the side.
5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
6. Lift capacities are in compliance with ISO 10567.

Standard & Optional Equipment

Standard

Kubota V1505, Stage V-compliant, water-cooled diesel engine
Double-element air cleaner
2 variable piston pumps and 2 gear pumps
Hydrostatic 2-speed travel system with manual or automatic shift
Auto-idle function
Breaker piping with direct return to the tank
2-way high-flow auxiliary line with settings from the display panel
Engine speed (RPM) control dial
Hydraulic safety lock lever
Emergency engine stop switch
12 V, 70 Ah battery; 12 V, 60 A alternator
Self-diagnostic function
Remote greasing for swing circle and workgroup pivot points
Reinforced cast steel pivot points
Fixed undercarriage
300 mm rubber tracks
2 090 mm mono boom—1 100 mm arm
Dozer blade
Arm, boom, bucket, and blade cylinder guards
Roll-Over Protective Structure (ROPS)
Boom and arm cylinder safety valves
Overload warning device
Cylinder cushioning & contamination seals
Hammer for emergency escape
Battery cut-off switch
Boom LED light + LED work lights (2 front, 1 rear)
Rearview camera
Lockable fuel cap
Master key
Rotating beacon
4-pillar canopy with 5.7-inch digital gauge panel
Mechanical suspension seat
Ceiling light
Intermittent windshield wiper (cab only)
Multiple storage compartments
Flat, spacious, easy-to-clean floor
Cup holder
Electric horn
DAB radio with hands-free call system (cab only)
USB charger & 12 V power socket
Travel pedals and hand levers
Serial communication port for laptop PC interface
My Develon (telematics system)

Optional

Pull-up type front window and removable lower front window
Sliding right window with lock
Rotation line (Pero)
Quick coupler line
Pressurized, sound-insulated heated cab
Air conditioning option for cab only
2 090 mm mono boom—1 300 mm arm
Additional counterweight 60 kg / 100 kg

**Some of these options may be standard in some markets. Some of these options may not be available for certain markets. Please check with your local Develon dealer for more information about availability or to adapt your machine to your application needs.*

DEVELON

Technical Specifications

DX35Z-7



Engine

Designed to deliver superior performance and fuel efficiency, the Develon DW01 diesel engine fully complies with the latest Stage V emission regulations. To optimize machine performance, it features high-pressure fuel injectors, natural aspiration, and electronic engine controls.

Manufacturer	Develon
Model	DW01
Number of cylinders	3
Gross rated power	25 hp (18.4 kW) at 2 200 rpm
Net maximum torque	102 Nm
Displacement	1 647 l
Bore and stroke	90 × 100 mm
Starter	12V – 2.2 kW
Air cleaner	Double element

Undercarriage

Built with extremely robust construction using high-quality, durable materials, and welded structures designed to minimize stress.

- Track rollers lubricated for life
- Idlers and sprockets fitted with floating seals
- Track shoes made of induction-hardened alloy with triple grouser
- Heat-treated connecting pins
- Hydraulic track adjuster with shock-absorbing tension mechanism

Rubber track width	300 mm
Number of rollers	4
Upper rollers (standard shoe)	1
Number of links & shoes per side	44
Link pitch	101.6 mm
Ground pressure	0.36 kgf/cm^2

Hydraulic System

The e-EPOS (Electronic Power Optimising System) is the brain of the excavator – minimising fuel consumption and optimizing the efficiency of the hydraulic system for all working conditions. To harmonize the operation of the engine and the hydraulics, the e-EPOS is connected to the engine's electronic control unit (ECU) via a data transfer link.

- 2 travel speeds offer either increased torque or high speed
- Cross-sensing pump system for fuel savings
- Auto-deceleration system
- 3 operating modes
- Flow and pressure control of auxiliary hydraulic circuits from control panel
- Computer-aided pump flow control

Main pump type	Variable axial piston pumps
Main pump	2 × 37 l/min at 2 400 rpm
Gear	20.7 l/min at 2 400 rpm
Pilot pump (gear design)	10.8 l/min at 2 400 rpm

Drive

Each track is driven by an independent, high-torque axial piston motor through a planetary reduction gearbox. Two levers / foot pedals guarantee smooth travel with counter-rotation on demand. The track frame protects the travel motor, brake, and planetary gears. The multi-disc track brakes are spring-applied and hydraulic released.

Travel speed (low – high)	2.5 / 4.3 km/h
Maximum traction	2.9 t
Maximum gradeability	30° / 58 %

Refill Capacities

Fuel tank	43 l
Cooling system (radiator capacity)	4.8 l
Engine oil	6.4 l
Travel device	2 × 0.9 l
Hydraulic tank	38 l

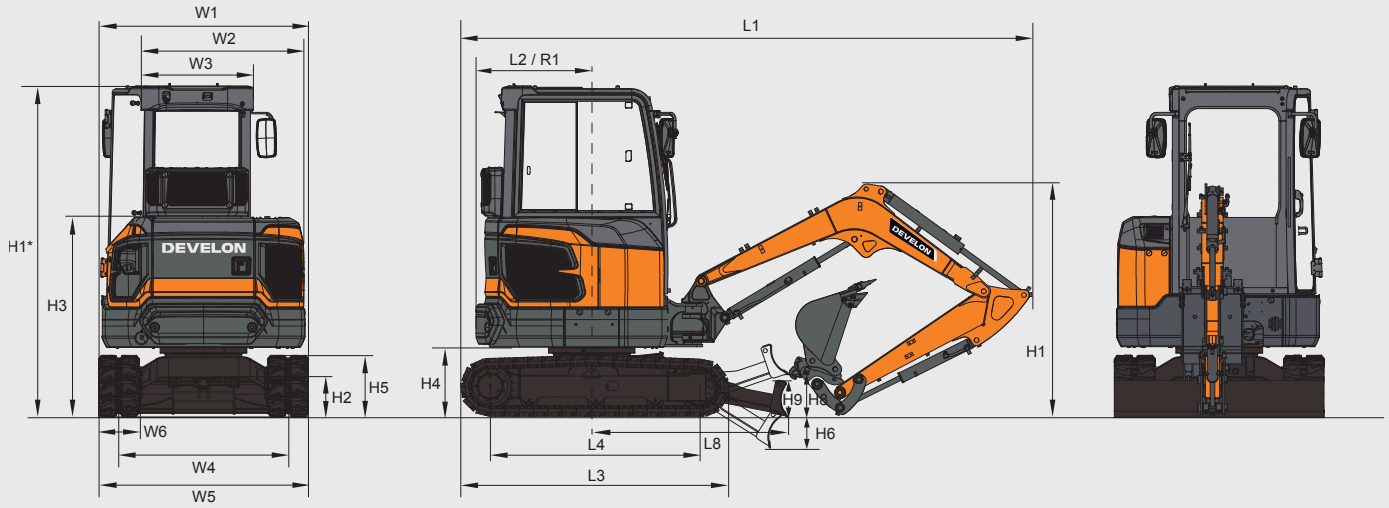
Performance

Swing speed	8.5 rpm
Maximum swing torque	688 kgf.m
Bucket breakout force (ISO) (ton)	3.24
1.33 m Arm tearout force (ISO) (ton)	2.12
1.5 m Arm tearout force (ISO) (ton)	1.95

Environment

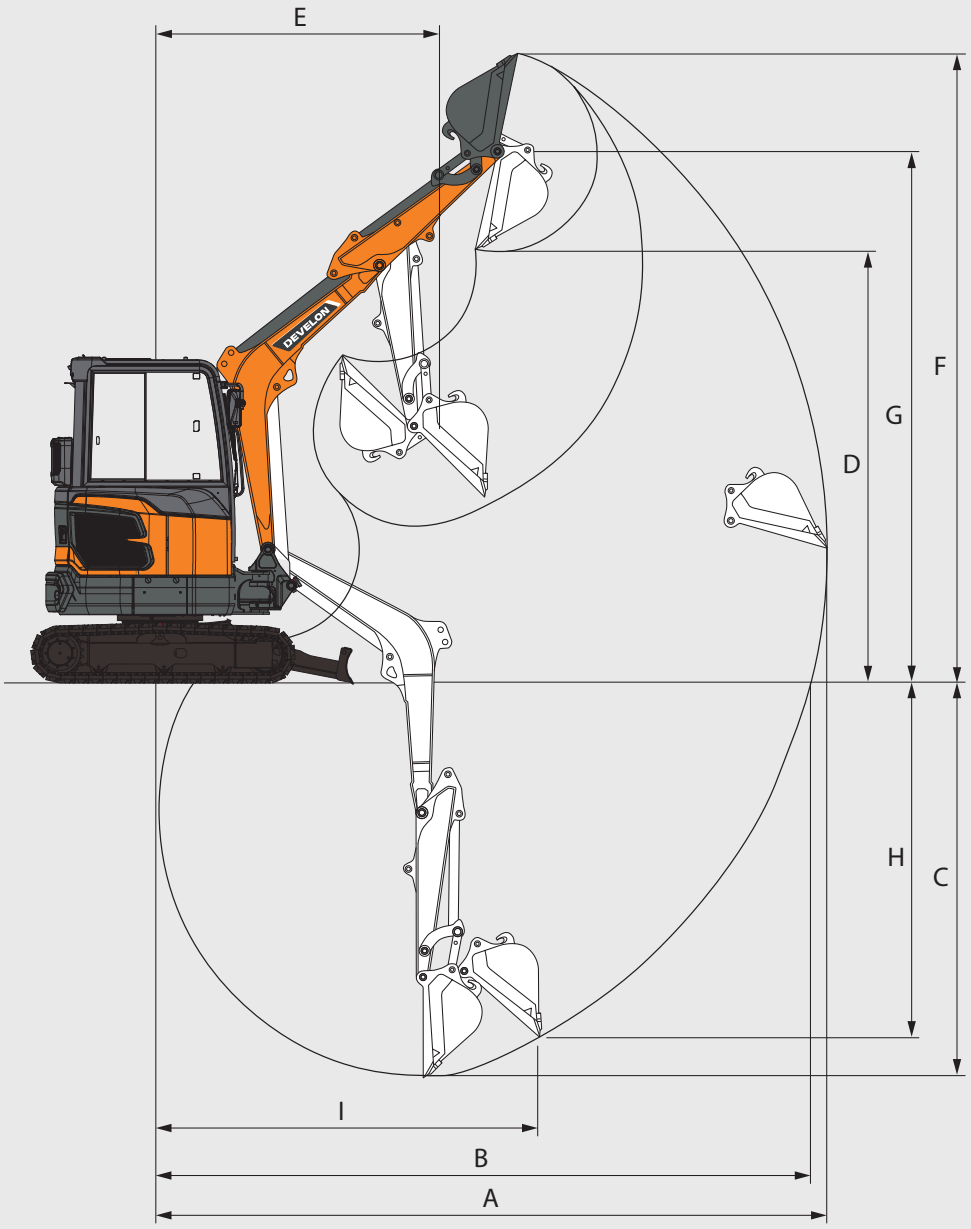
Sound level	94 dB(A)
Cabin sound level	78 dB(A)

Dimensions



Description			Unit	1.5 m arm	1.33 m arm
Operating weight			kg	4 147	4 040
Additional counterweight			kg	100	–
Bucket capacity (ISO)			m³	0.11	
Shoe			–	Rubber	
Overall length	L1		mm	4 791	4 760
Overall height	H1	Boom	mm	1 675	1 589
		Cab	mm	2 481	
Overall width	W1		mm	1 700	
Rear swing radius	R1		mm	940	875
Ground clearance	H2		mm	230	
Rear end distance	L2		mm	940	875
House width	W2		mm	1 500	
Cabin width	W3		mm	1 062	
Height over cover	H3		mm	1 510	
Counterweight clearance	H4		mm	539	
Track height	H5		mm	482	
Track length	L3		mm	2 124	
Tumbler distance	L4		mm	1 700	
Track gauge	W4		mm	1 400	
Undercarriage width	W5		mm	1 700	
Shoe width	W6		mm	300	
Blade digging depth	H6		mm	427	
Blade lift clearance	H8		mm	412	
Blade height	H9		mm	380	
Distance to blade end	L8		mm	1 605	
Boom swing angle (left / right)			mm	60 / 60	

Working Range



Description		Unit	1.5 m arm	1.33 m arm
Bucket capacity		m^3	0.11	
Max. digging reach	A	mm	5 515	5 355
Max. digging reach (ground)	B	mm	5 400	5 235
Max. digging depth	C	mm	3 445	3 275
Max. dumping height	D	mm	3 700	3 580
Min. swing radius	E	mm	2 145	2 115
Max. digging height	F	mm	5 215	5 095
Max. bucket pin height	G	mm	4 460	4 345
Max. vertical wall depth	H	mm	2 045	1 980
Max. radius vertical	I	mm	4 350	4 215

Lifting Capacities

Mono Boom 2.5 m · Arm 1.33 m · W/O Bucket · Cab

Blade up

Unit: 1 000 Kg

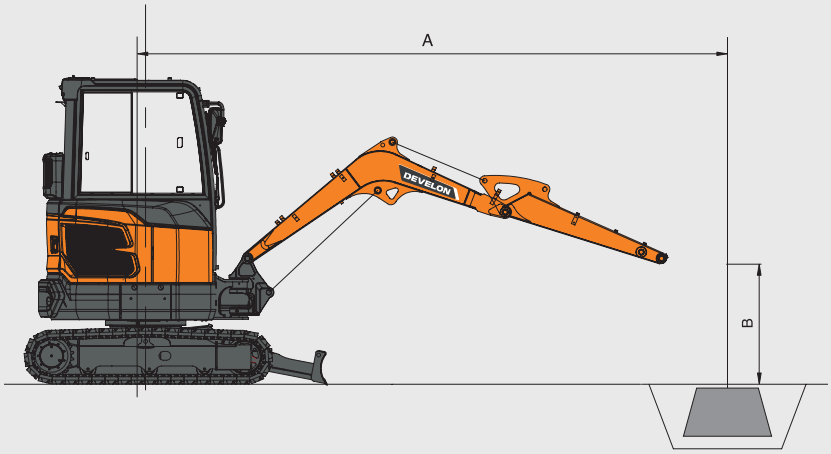
A	1 m		2 m		3 m		4 m		Max, Reach (m)		
B											A
4.0 m					0.91*	0.86			0.89	0.78	3.16
3.0 m					0.85*	0.85*	0.61	0.53	0.6	0.52	4.05
2.0 m					0.94	0.82	0.6	0.53	0.5	0.44	4.47
1.0 m					0.89	0.77	0.58	0.51	0.47	0.41	4.59
0.0 m			1.52*	1.36	0.86	0.74	0.57	0.49	0.49	0.43	4.45
-1.0 m	2.11*	2.11*	1.67	1.38	0.85	0.74			0.57	0.5	3.99
-2.0 m			1.72	1.43	0.89	0.77			0.87	0.75	3.06

Mono Boom 2.5 m · Arm 1.5 m · W/O Bucket · Cab

Blade up

Unit: 1 000 Kg

A	1 m		2 m		3 m		4 m		Max, Reach (m)		
B											A
4.0 m					0.79*	0.79*			0.82*	0.74	3.42
3.0 m					0.77*	0.77*	0.65	0.58	0.59	0.52	4.24
2.0 m			1.48*	1.48*	1.01	0.88	0.64	0.56	0.5	0.44	4.64
1.0 m					0.95	0.82	0.62	0.54	0.48	0.42	4.76
0.0 m			1.57*	1.45	0.91	0.79	0.6	0.53	0.49	0.43	4.62
-1.0 m	1.89*	1.89*	1.76	1.46	0.91	0.78	0.6	0.53	0.57	0.5	4.19
-2.0 m			1.81	1.5	0.93	0.8			0.81	0.7	3.33



= Rating over front
= Rating over side or 360°

1. Load point is the end of the arm.
2. Capacities marked with an asterisk (*) are limited by hydraulic capacities.
3. Lift capacities shown do not exceed 75 % of minimun tipping loads or 87 % of hydraulic capacities.
4. The least stable position is over the side.
5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
6. Lift capacities are in compliance with ISO 10567.

Standard & Optional Equipment

Standard

Develon DW01, Stage V-compliant, common rail diesel engine with direct fuel injection
Double-element air cleaner
2 variable piston pumps and 2 gear pumps
Hydrostatic 2-speed travel system with manual or automatic shift
Auto-idle function
Breaker piping with direct return to the tank
2-way high-flow auxiliary line with settings from the display panel
Engine speed (RPM) control dial
Hydraulic safety lock lever
Emergency engine stop switch
12 V, 70 Ah battery; 13.5 V, 110 A alternator
Self-diagnostic function
Remote greasing for swing circle and workgroup pivot points
Reinforced cast steel pivot points
Fixed undercarriage
300 mm rubber tracks
2 535 mm mono boom—1 330 mm arm
Dozer blade
Arm, boom, bucket, and blade cylinder guards
Roll-Over Protective Structure (ROPS)
Boom and arm cylinder safety valves
Overload warning device
Cylinder cushioning & contamination seals
Hammer for emergency escape
Battery cut-off switch
Boom LED light + LED work lights (2 front, 1 rear)
Rearview camera
Lockable fuel cap
Master key
Rotating beacon
Pressurized, sound-insulated heated cab
Mechanical suspension seat
Pull-up type front window and removable lower front window
Sliding right window with lock
Ceiling light
Intermittent windshield wiper
Multiple storage compartments
Flat, spacious, easy-to-clean floor
Cup holder
Electric horn
DAB radio with hands-free call system (cab only)
USB charger & 12 V power socket
Travel pedals and hand levers
Serial communication port for laptop PC interface
My Develon (telematics system)

Optional

Rotation line (Pero)
Quick coupler line
Air conditioning
2 540 mm mono boom—1 500 mm arm—100 kg additional counterweight
Additional counterweight 100 kg
Travel Alarm

**Some of these options may be standard in some markets. Some of these options may not be available for certain markets. Please check with your local Develon dealer for more information about availability or to adapt your machine to your application needs.*


DEVELON
DX 27Z

Develon Warranty

Your Key to Equipment Protection and Peace of Mind

Keep your heavy construction equipment protected with Develon. Our comprehensive warranties and protection plans give you peace of mind, ensuring your investment stays safe and valuable for the road ahead.

Tailored Warranty Plans
Choose from a range of affordable protection plans, designed exclusively for Develon customers through our authorized dealers. These plans transform your machine's price into a strategic investment, not just an expense.

Develon Extended Warranty
Opt for Develon Extended Warranty to experience unmatched security, reliability, and overall value. This top-tier plan shields your equipment from unexpected costs and minimizes downtime, letting you focus on what matters – getting the job done.

Act Now!
Get in touch with a Develon authorized dealer today to protect your equipment investment. With an easy process and lasting benefits, Develon helps keep your heavy construction equipment in top condition.

Choose Develon Extended Warranty: Play it Safe and Secure Your Investment.

Powered by **Innovation**

DEVELON

DX27Z-7 DX35Z-7

Space for dealer's stamp

HD Construction Equipment Develon Europe s.r.o.
IBC – Pobrezni 620/3,
18600 Praha 8 – Karlin, Czechia

©2026 HD Construction Equipment Develon Europe s.r.o.
All rights reserved.

D-4600898 (07/2026)

Certain specifications are based on engineering calculations and are not actual measurements. Specifications are provided for comparison purposes only and are subject to change without notice. Specifications 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 equipment other than standard equipment.