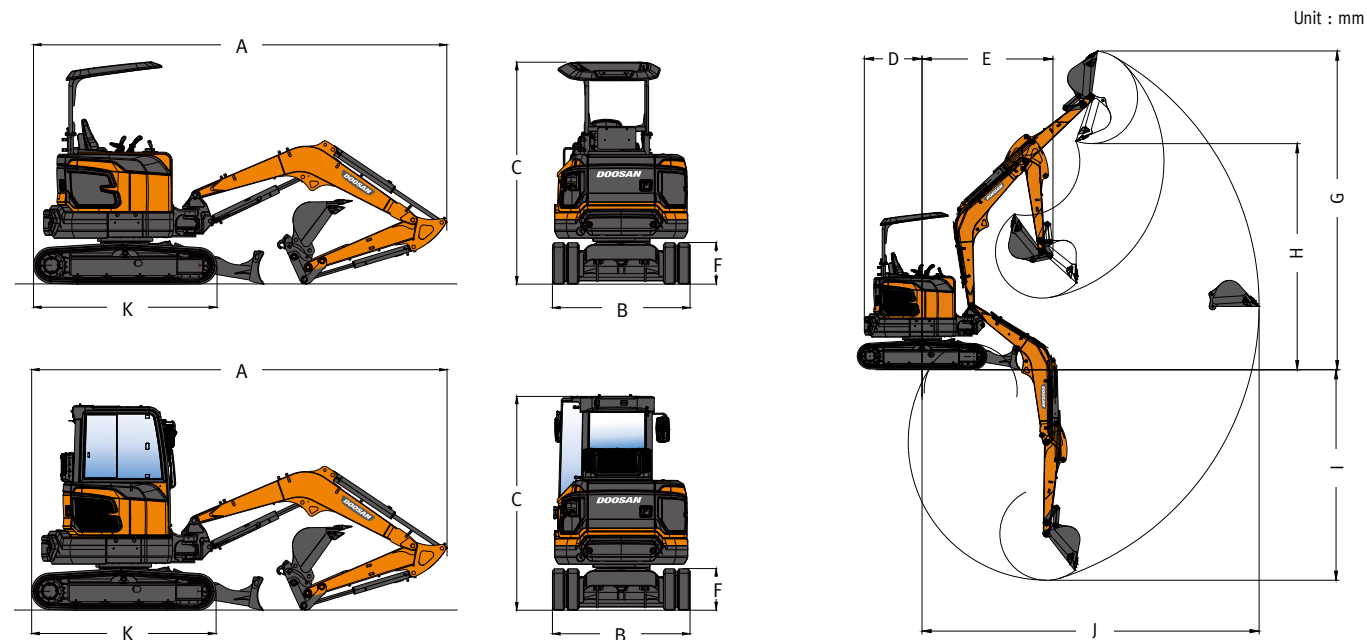
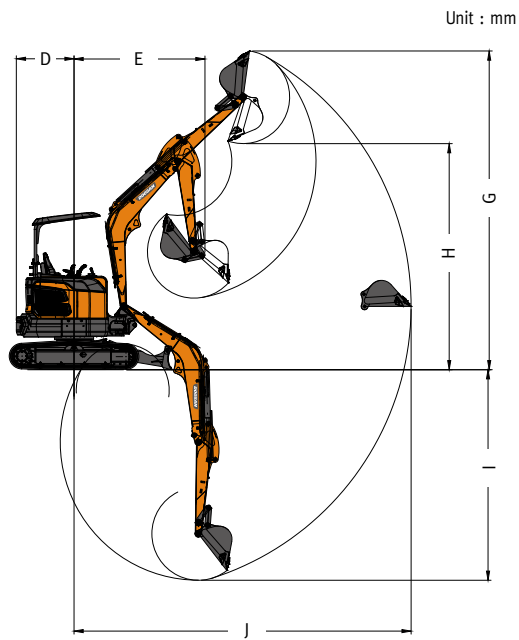


Dimension



Working Range



Specifications

Description		Unit	DX27z-7M		DX35z-7M	
			Canopy	Cabin	Canopy	Cabin
Operating weight		kg	2,770	2,875	3,845	3,995
Bucket capacity		m <sup>3</sup>	0.06		0.11	
Engine	Model name	-	Doosan DN1.7		Doosan DN1.7	
	Rated power	kW / rpm	18.4 / 2,400		18.4 / 2,200	
	Max. torque	kg-m / rpm	9.9 / 1,600		9.9 / 1,600	
Hydraulic	System pressure	kg / cm <sup>2</sup>	220		250	
	Max. flow	ℓ / min	2 X 28.8 + 19.2		2 X 37.0 + 20.7	
Performance	Travel speed (High / Low)	km / h	4.4 / 2.6		4.4 / 2.6	
	Swing speed	rpm	9.3		8.7	
	Digging force (Bucket / Arm)	ton	2.22 / 1.30		3.17 / 2.08	
	Gradeability	degree (°)	35		35	
Dimension	Overall length (A)	mm	4,186		4,760	
	Undercarriage width (B)	mm	1,550		1,550	1,700
	Overall height (C)	mm	2,448		2,479	
	Tail swing radius (D)	mm	790		945	875
	Min. swing radius (E)	mm	2,095		2,115	
	Track Height (F)	mm	451		476	
	Track length (K)	mm	1,960		2,121	
	Boom length	mm	2,090		2,535	
	Arm length	mm	1,100		1,330	
Working range	Max. digging height (G)	mm	4,385		5,095	
	Max. loading height (H)	mm	2,935		3,580	
	Max. digging depth (I)	mm	2,645		3,275	
	Max. digging reach (J)	mm	4,655		5,355	
	Boom swing angle (left and right)	degree (°)	66.5 / 53.5		66.5 / 53.5	
Dozer blade (width x height)		mm	1,550 x 259		1,700 x 380	
Shoe width		mm	300		300	
Ground pressure		kg / cm <sup>2</sup>	0.29	0.28	0.35	0.34

**DOOSAN**

Hyundai Doosan Infracore

489 Injung-ro, Dong-gu, Incheon, South Korea

<http://global.doosanequipment.com>

DIPBE-00-2203

\* 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 Doosan equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Doosan units may show other than standard equipment.

**DOOSAN**

Construction Equipment

**DX27Z-7M**  
**DX35Z-7M**

Zero-tail swing excavator



Hyundai Doosan Infracore is an affiliate of Hyundai Heavy Industries Group.  
The Doosan trademark, **DOOSAN**, is used under license from Doosan Corporation.

Powered by Innovation



# WE ARE BACK WITH NEW FEATURES

## PERFORMANCE

- Strong lifting and digging force
- Excellent travel performance
- Outstanding controllability reflecting customer needs
- Standard application of rotating piping
- Automatic traveling shift function applied when driving

## NEW FEATURES

- New design
- Optional cabin / canopy specifications
- Zero - tail swing radius
- The boom swing function allows you to work in very narrow areas
- Boom / Arm / Bucket cylinder guard
- Canopy with tip-over protective structure (TOPS)
- Cabin with roll-over protective structure (ROPS)



## CONVENIENCE AND MAINTENANCE

- Removable canopy (Canopy type)
- Front footrest in the cab (Canopy type)
- 12V power socket
- Large storage space
- Wrist rest
- Heater
- Thumb wheel joystick

## DELUXE INTERIOR FOR CABIN

- Powerful air conditioner (Optional)
- Heating and cooling seat (Optional)
- Rear view camera (Optional)
- USB charging
- 5.7-inch LCD gauge panel (Optional)
- Bluetooth audio (Optional)
- Doosan CONNECT
- Cabin with roll-over protective structure (ROPS)
- Full glass door





## HIGH PRODUCTIVITY AND LOW COST OF OWNERSHIP

- Excellent job performance based on powerful lifting and digging force.
- Delivers higher productivity and reduced fuel consumption for efficient and comfortable work environment.



## Canopy type

### POWERFUL HVAC SYSTEM

The operator can keep warm in a cold working environment.



EXCLUSIVELY, FOR OPERATOR.

### INTEGRATED GAUGE PANEL

The integrated gauge panel allows the operator to check equipment information easily.



### EQUIPPED WITH A POWERFUL ENGINE

The eco-friendly engine meets the Tier4 final and Stage V emission regulation without DPF and requires no urea solution.



### ROTATING PIPING

The installed attachments expand the equipments usability.



### BOOM/ARM/BUCKET CYLINDER GUARD

The boom, arm and bucket cylinder guard protects the cylinder from external impact.



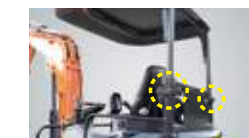
### AUTO - SHIFT

The auto-shift automatically shifts travel speed from high to low, depending on traction and terrain, allowing smoother operation when dozing and turning.



### JOYSTICK THUMBWHEEL SWITCH

1 way, 2 way and rotating operation with the joystick thumbwheel button.



### DETACHABLE CANOPY

Canopy can be removed conveniently without alteration (TOPS-certified canopy)



### BOOM LED LAMP

The LED lamp with excellent illumination increases visibility.



### FOOTREST

A footrest on the front of the cab is a standard feature.



BOOM SWING ANGLE



**THE BOOM SWING FUNCTION ALLOWS YOU TO WORK IN VERY NARROW AREAS.**



#### NEW CABIN FEATURES

The new cabin features ensure comfortable operation regardless of weather.

## Cabin type

#### ROPS (ROLL-OVER PROTECTIVE STRUCTURE) CABIN

The ROPS provides protection in the event of accidental rollovers and falling objects.



**ERGONOMICALLY DESIGNED WITH COMFORT IN MIND.**

#### MECHANICAL SUSPENSION SEAT WITH HEATING

Built-in hot wires keep the operator warm and comfortable when working in cold working environments.



#### FULL GLASS DOOR CABIN

An unobstructed front view enables the operator to work comfortably.



#### REAR VIEW CAMERA

An unobstructed rear view enables the operator to work safely.



#### FRONT GLASS TO SLIDE OPEN

Improved work convenience



#### NEW DIGITAL GAUGE PANEL

The operator can check information and set functions of the equipment with the 5.7-inch color monitor.



#### POWERFUL HVAC SYSTEM

The high-performance air conditioner keeps the operator cool and comfortable even in the hot summer.



#### FRONT AND REAR WORK LIGHTS

The lights keep the work environment bright enough to ensure safe and comfortable work.



#### AUDIO

The Bluetooth function support allows the operator to make phone calls and listen to music



#### EMERGENCY STOP SWITCH

The switch is located at the bottom of the seat to stop the engine in an emergency.



#### POWER SOCKET AND USB CHARGER

They can be used for charging smartphones and other devices.

#### DOOSANCONNECT

The operator can check equipment information with a smartphone or a computer in real time.

