

# **ZAXIS26U**



Notes: Standard and optional equipment may vary by country, please consult your Hitachi dealer for details.  
The machines shown on this brochure are so positioned for the sake of demonstrations. When leaving the machine, be sure to rest the bucket on the ground.



## **HYDRAULIC EXCAVATOR**

**Model Code : ZX26U-5A**

**Engine Rated Power : 14.5 kW (19.4 HP)**

**Operating Weight : Canopy 2 630 kg**

**Cab 2 770 kg**

**Backhoe Bucket : ISO Heaped : 0.06 m<sup>3</sup>**



# Trustworthy and User-Friendly New Compact Excavators

The new series of Hitachi compact excavators has evolved even further.  
We listen to customers' needs, provide solutions, and adopt fresh ideas into our new products.  
The outcome is reflected in our new excavators that are compact, productive and nimble.  
The round body is smart and its wide-opening covers provide direct access to service points for quick maintenance.  
The operator station is full of easy-to-use controls, an informative monitor, and a comfortable operator seat.

**ZAXIS** Empower your Vision.

**Operator Comfort**

Prominent Advantages

**High  
Performance**

**Easy  
Maintenance**



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# Comfort x High Performance

## Operator Comfort and High Controllability

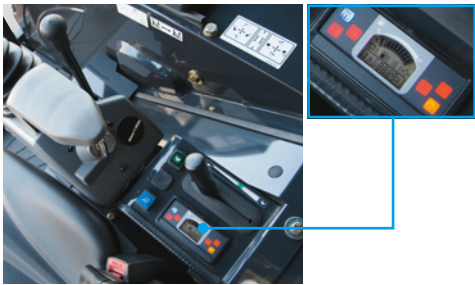
The work space is roomier than ever, despite being a compact excavator, while hydraulic pilot levers boost operating efficiency. The ZAXIS 26U is ready to get the job done on various job sites.

### Hydraulic Pilot Control

Hydraulic pilot control levers provide light, smooth control of the front, blade, swing and travel. The levers are ergonomically arranged for easier and tiring operation.

### Functional Work Space

Switches, engine control levers and similar are functionally laid out, with unskilled operators in mind. The bright LCD monitor is easy to read at a glance.



### Wide Working Ranges

Overall height  
2 430 mm

Rear-end swing radius  
795 mm

Dumping height  
3 190 mm

Cutting height  
4 450 mm

Digging reach  
4 630 mm

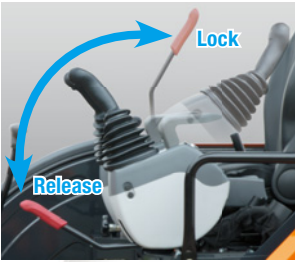
Digging depth  
2 590 mm



Notes: These specifications are for 4-pillar canopy, 1.17 m arm, extra piping, 0.06 m³ bucket and 300 mm rubber shoes.

### Neutral Engine Start System

The engine cannot start unless the shut-off lever is in the lock position for safe operation.



### ROPS/OPG (TOP Guard) Cab and 4-pillar Canopy

The rugged cab and 4-pillar canopy effectively protect the operator against tipping and are ruggedly designed in accordance with the ROPS\* standard. All models are protected with an OPG\*\* top guard against falling objects.

\*Roll-Over Protective Structure  
\*\*Operator Protective Guard



### Theft Deterrent System (Optional)

The electronic immobilizer requires the entry of a password via the numeric keypad each time the engine is started to prevent theft and vandalism.



### Newly Developed Spacious Cab

The operator will feel the spaciousness of the new cab right away: 60 mm longer and 35 mm wider than increase in width, compared to the conventional equivalent. The operator will also feel confident and comfortable. An 80 mm increase in door width means easy access to the operator seat.





# Easy Maintenance

## Simplified Maintenance for Everyday Use

Wide-open covers give direct, quick access to main components for easy daily inspection and servicing, such as filter replacement.

### Vertically Sliding Engine Cover

The upright engine cover, upgraded from the conventional model, slides vertically with less rearward projection for ease of maintenance in confined spaces.

### Enlarged Refuel Port

The enlarged refuel port is adopted, like on the upper-classes, for quick refueling. Large fuel strainer for quick refueling without spills.



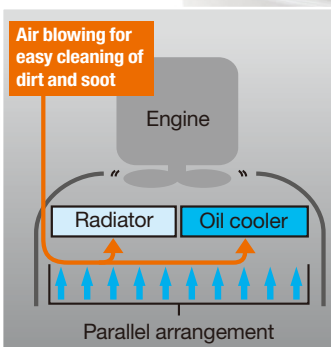
Fuel filter

Water separator

Engine oil filter

Engine oil inlet

Coolant reserve tank



### Radiator Capable of Easy Cleaning

The radiator and oil cooler are arranged side by side for easy cleaning. Ventilation ports on the radiator cover are enlarged for more efficient cooling.

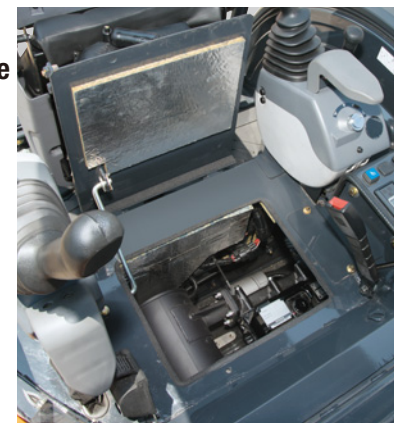
Battery

### Smaller, Lighter Fuel Tank Cover



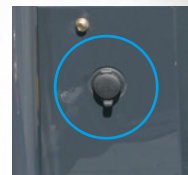
### Easy Access for Engine Maintenance

With the seat tilted up, the top of engine is exposed for easy maintenance.



\*It is required to remove a plate from under the seat.

Spare power supply (12 V)



One-touch-open radiator cover and large cooling duct with good cooling ability

Hydraulic pump

Pilot filter

Control valve

### 2-Way Selector Valve (Optional)

With the 2-way selector valve, the operator can effortlessly select the piping for the breaker or grapple.

Breaker ⇄ Grapple

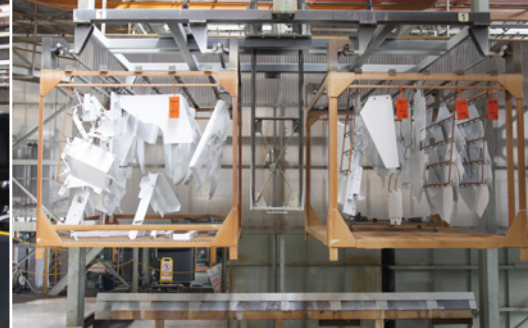


Notes: The perspective view on this page shows the imaginary layout of components.



# Quality x Durability

## High Durability Backed by Stringent Quality Control

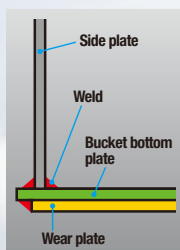


### High-Quality Hitachi Products

Hitachi has been globally acclaimed for its technological prowess and high-performance products ever since the launch of its first hydraulic excavator in 1949. Its Design Division has adopted the 3D-CAD system for ease of analysis and data crunching to churn out quality products and slash development lead times. Newly developed products have been vigorously tested in multiple ways, such as extended-hours of durability and evaluation tests, at a vast Hitachi 4,270,000 m<sup>2</sup> test field under critical operating conditions – for instance, tropical or freezing weather conditions – before unveiling new products.

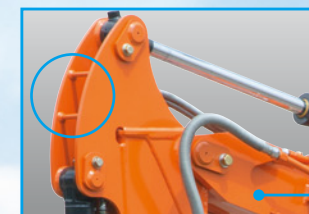
### Durable Flat Bottom Bucket

This widely acclaimed flat bottom bucket, comes as a standard item to protect welds on the bucket bottom from wearing. Wide wear plates are also welded to the bucket bottom protection increase durability.



### Strong Front Attachment

The front pins are jointed with a tight fit to significantly reduce jerking and noise, while enhancing durability. Those pins are lubricated with HN bushings which allow abundant grease-retaining capacity, extending greasing intervals up to 500 hours, while the main hoses are sheathed with hose protectors at the swing post and the bottom side of the boom cylinder is protected with a V-shaped guard.



**Hydraulic hose guard**  
The bucket hose is covered with a guard, which prevents entanglement and interference.



**Boom cylinder guard**  
The cylinder guard has a strong inverted V-shaped structure.



**Reinforced boom end bracket**



**Extra piping**



**Hose protector**



**HN bushing (at Front attachment)**



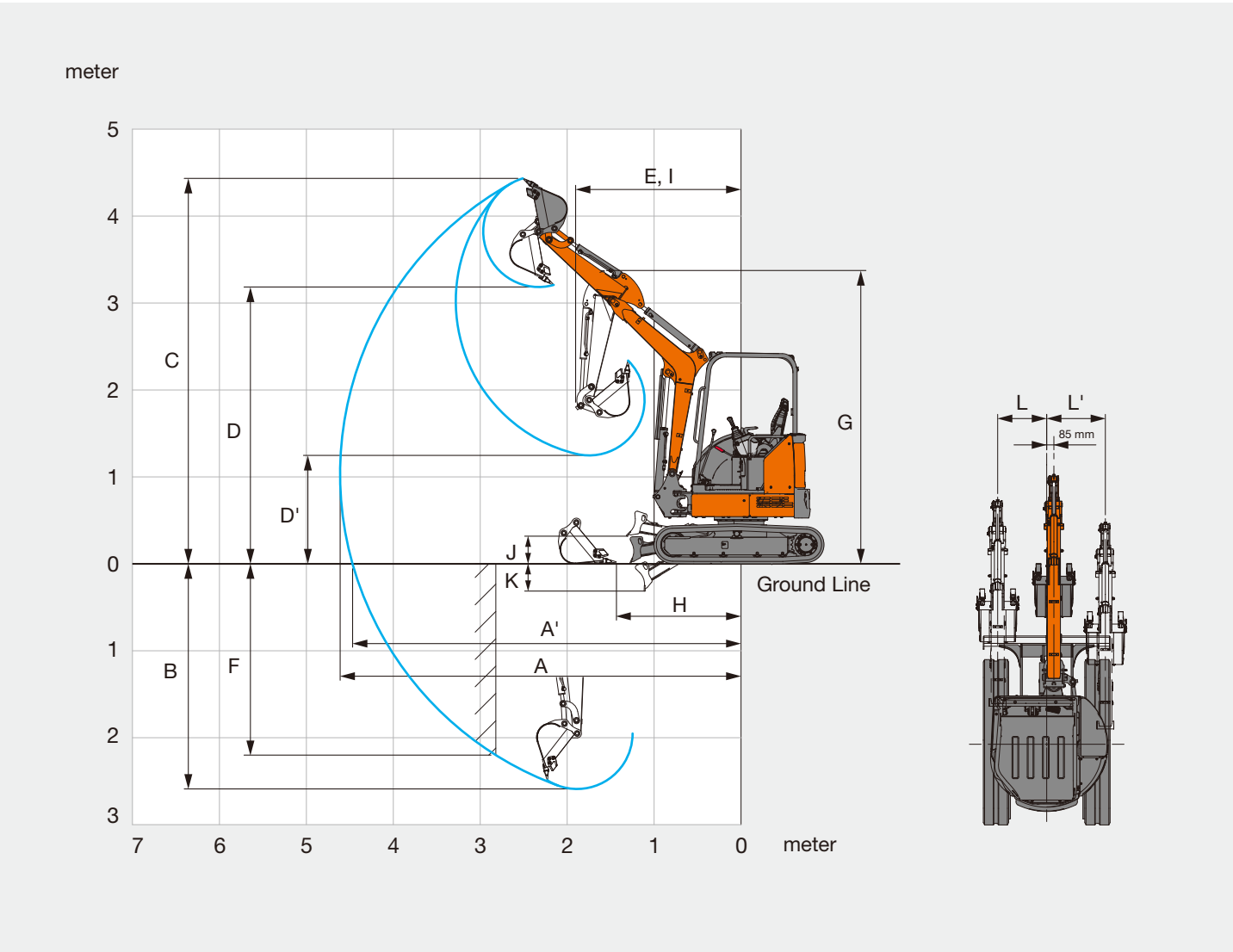






# SPECIFICATIONS

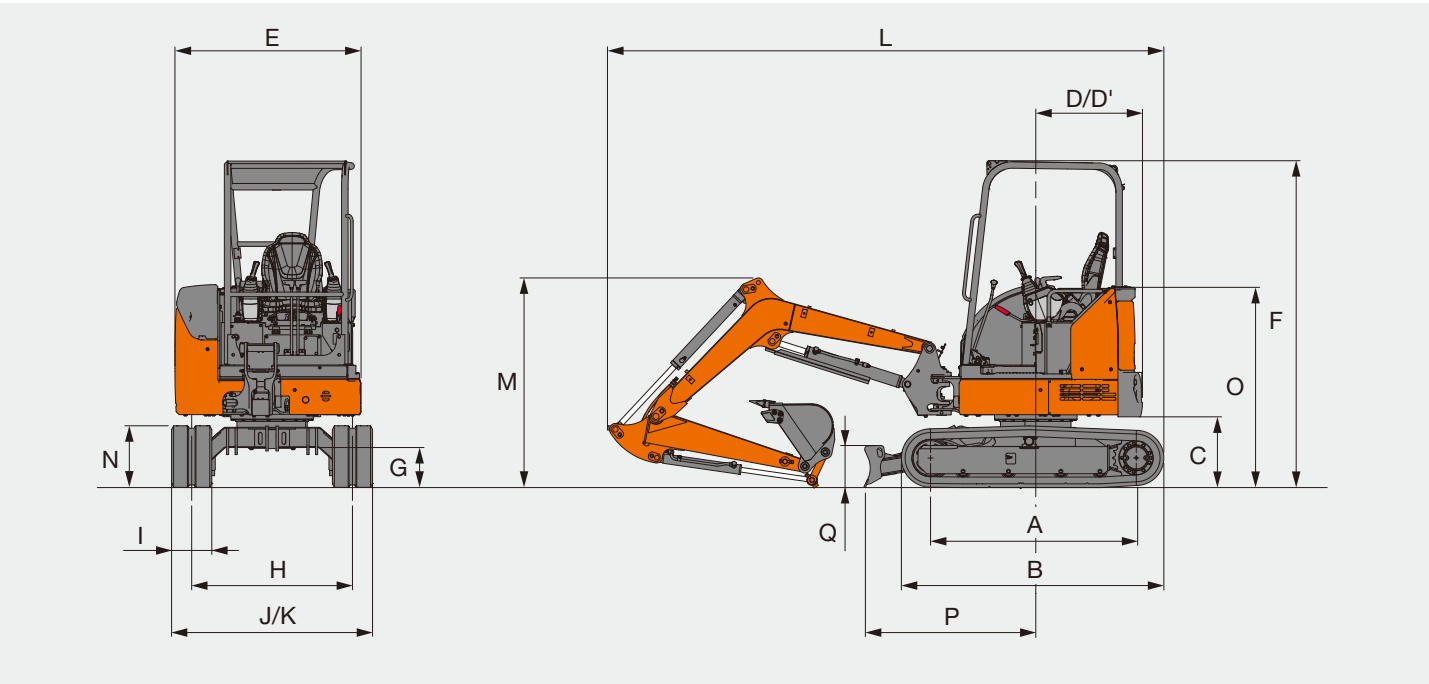
## WORKING RANGES



This illustration shows with 1.17 m arm, 0.06 m³ bucket and 300 mm rubber shoes.

	ZX26U-5A	
	Arm 1.17 m	
	4-Pillar Canopy	Cab
A Max. digging reach	4 630	
A' Max. digging reach (on ground)	4 490	
B Max. digging depth	2 590	
C Max. cutting height	4 450	4 280
D Max. dumping height	3 190	3 040
D' Min. dumping height	1 250	1 160
E Min. swing radius	1 920	2 010
F Max. vertical wall digging depth	2 200	
G Front height at Min. swing radius	3 380	3 290
H Min. level crowding distance	1 480	
I Working radius at Min. swing radius (Max. boom-swing angle)	1 280	1 300
J Blade bottom highest position above ground	320	
K Blade bottom lowest position above ground	315	
L/L' Offset distance	555 / 700	
Max. boom-swing angle (deg.)	70 / 60	

## DIMENSIONS



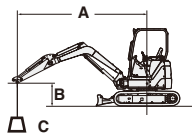
This illustration shows with 1.17 m arm, 0.06 m³ bucket and 300 mm rubber shoes.

	ZX26U-5A	
	4-Pillar Canopy	Cab
A Distance between tumblers	1 530	
B Undercarriage length	1 960	
C Counterweight clearance	530	
D Rear-end swing radius	795	
D' Rear-end length	795	
E Overall width of upperstructure	1 390	1 420
F Overall height of 4-pillar canopy	2 430	
G Min. ground clearance	300	
H Track gauge	1 200	
I Track shoe width	300	
J Undercarriage (Blade) width	1 500	
K Overall width	1 500	
L Overall length	4 160	
M Overall height of boom	1 570	
N Track height	465	
O Engine cover-height	1 490	1 470
P Horizontal distance to blade	1 280	
Q Blade height	320	



LIFTING CAPACITIES (Without bucket)

- Notes:
- 1. Ratings are based on ISO 10567.
  - 2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
  - 3. The load point is the center-line of the bucket pivot mounting pin on the arm.
  - 4. \*Indicates load limited by hydraulic capacity.
  - 5. 0 m = Ground.











A: Load radius  
B: Load point height  
C: Lifting capacity

For lifting capacities, subtract bucket and quick hitch weight from lifting capacities without bucket.









ZX26U-5A 4-Pillar Canopy Version, Blade above Ground

Rating over-front   Rating over-side or 360 degrees   Unit: 1 000 kg

Conditions	Load point height m	Load radius						At max. reach		
		1.0 m		2.0 m		3.0 m				
										meter
Boom 2.10 m	2					0.55	0.41	0.37	0.28	3.83
Arm 1.17m	1					0.52	0.38	0.34	0.25	3.98
Counterweight 240 kg	0 (Ground)			0.94	0.65	0.50	0.36	0.36	0.26	3.80
Rubber shoe 300 mm	-1	*1.80	*1.80	0.95	0.66	0.50	0.37	0.45	0.33	3.24









ZX26U-5A 4-Pillar Canopy Version, Blade on Ground

Rating over-front   Rating over-side or 360 degrees   Unit: 1 000 kg

Conditions	Load point height m	Load radius						At max. reach		
		1.0 m		2.0 m		3.0 m				
										meter
Boom 2.10 m	2					*0.81	0.41	*0.60	0.28	3.83
Arm 1.17m	1					*1.06	0.38	*0.63	0.25	3.98
Counterweight 240 kg	0 (Ground)			*1.73	0.65	*1.20	0.36	*0.76	0.26	3.80
Rubber shoe 300 mm	-1	*1.80	*1.80	*1.88	0.66	*1.06	0.37	*0.91	0.33	3.24









ZX26U-5A CAB Version, Blade above Ground

Rating over-front   Rating over-side or 360 degrees   Unit: 1 000 kg

Conditions	Load point height m	Load radius						At max. reach		
		1.0 m		2.0 m		3.0 m				
										meter
Boom 2.10 m	2					0.65	0.49	0.44	0.34	3.83
Arm 1.17m	1					0.61	0.46	0.41	0.31	3.98
Counterweight 210 kg	0 (Ground)			1.11	0.78	0.59	0.44	0.43	0.32	3.80
Rubber shoe 300 mm	-1	*1.80	*1.80	1.12	0.79	0.60	0.45	0.54	0.41	3.24

ZX26U-5A CAB Version, Blade on Ground

Rating over-front   Rating over-side or 360 degrees   Unit: 1 000 kg

Conditions	Load point height m	Load radius						At max. reach		
		1.0 m		2.0 m		3.0 m				
										meter
Boom 2.10 m	2					*0.81	0.49	*0.60	0.34	3.83
Arm 1.17m	1					*1.06	0.46	*0.63	0.31	3.98
Counterweight 210 kg	0 (Ground)			*1.73	0.78	*1.20	0.44	*0.76	0.32	3.80
Rubber shoe 300 mm	-1	*1.80	*1.80	*1.88	0.79	*1.06	0.45	*0.91	0.41	3.24

EQUIPMENT

Standard and optional equipment may vary by country, so please consult your Hitachi dealer for details.

● : Standard equipment   ○ : Optional equipment

ENGINE

Air cleaner double filters	●
Cartridge-type engine oil filter	●
Fuel main filter	●
Radiator reserve tank	●
Water-separator for engine fuel	●

HYDRAULIC SYSTEM

Full-flow filter	●
Hydraulic pilot type control levers	●
Pilot control shut-off lever with neutral engine start system	●
Pilot filter	●
Suction filter	●
Swing parking brake	●
Travel parking brake	●
Two-speed travel system with auto kickdown	●

4-PILLAR CANOPY

Anti-slip plate	●
Arm rests	●
Drink holder	●
Electric horn	●
Floor mat	●
ROPS/OPG canopy	●
Seat belt	●
Spare power supply	●
Suspension seat	●

CAB

AM/FM radio	●
Anti-slip plate	●
Arm rests	●
Defroster	●
Drink holder	●
Electric horn	●
Floor mat	●
Heater	●
ROPS/OPG cab	●
Seat belt	●
Spare power supply	●
Suspension seat	●
Window washer	●
Wiper	●

UPPER STRUCTURE

Auxiliary function lever (AFL)	○
Auxiliary overload relief valve	○
Counterweight (cab) 210 kg	●
Counterweight (4-pillar canopy) 240 kg	●
Pilot accumulator	○
Travel motion alarm	○

UNDERCARRIAGE

Rubber shoe 300 mm	●
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FRONT ATTACHMENTS

Arm 1.17 m	●
Boom 2.10 m	●
Extra piping	○
HN bushing	●

MISCELLANEOUS

Theft deterrent system*	○
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\* Hitachi Construction Machinery cannot be held liable for theft, any system will just minimize the risk of theft.





**Built on the foundation of superb technological capabilities, Hitachi Construction Machinery is committed to providing leading-edge solutions and services to contribute as a reliable partner to the business of customers worldwide.**

## Hitachi Environmental Vision 2050

Our Environmental Vision envisions a low-carbon society; a resource efficient society; a harmonized society with nature. To achieve such a sustainable society, we have established a set of long-term environmental targets called Hitachi Environmental Innovation 2050.

### Reducing Environmental Impact by New ZAXIS

Hitachi makes a green way to cut carbon emissions for global warming prevention according to LCA\*. New ZAXIS utilizes lots of technological advances, including the new ECO mode, and Isochronous Control. Hitachi has long been committed to recycling of components, such as aluminum parts in radiators and oil cooler. Resin parts are marked for recycling.

\*Life Cycle Assessment – ISO 14040

These specifications are subject to change without notice.

Illustrations and photos show the standard models, and may or may not include optional equipment, accessories, and all standard equipment with some differences in color and features.

Before use, read and understand the Operator's Manual for proper operation.