ZAXIS-3 series Zero tail swing version

HITACHI





HYDRAULIC EXCAVATOR

- Model Code : ZX35U-3F
 Engine Rated Power : 21.3 kW (28.5 HP)
 Operating Weight : 3 520 3 780 kg
 Backhoe Bucket : 0.11 m³

Compact Yet Productive. Dependable Partner at Confined Work Place

100

Rear end swing radius: 870 mm

Protrudes beyond

crawler up to:0mm

The edge in hydraulic technology makes operation more smooth and productive.

> **Compact Body with Short Rear End** The compact short rear end design allows efficient operation even in confined spaces.

Notes : Some of the pictures in this brochure show an unmanned machine with attachments in an operating position. These were taken for demonstration purposes only and the actions shown are not recommen Some of this brochure photos shown may include optional equipment.

Wealth of convenient design features

Clean and Powerful



Powerful 3-Cylinder Engine with Ample Displacement

High dependability and availability are achieved behind the new-generation engine for high production and environmentally responsible operation.



• The new engine complies with the Emission Regulations EU Stage III A

Quiet, Fuel-Efficient Operation

High Fuel Efficiency (Eco Zone)

Smooth Combined Operations

and arm regenerative circuit are

further improved for more efficient

simultaneous operations, including

digging, leveling and wall cutting.

The proven 3-pump hydraulic system

The machine can get the job done with less fuel and more production. Optimal control of engine speed and torque as well as hydraulic pressure achieves high fuel efficiency and production. The new setting of the Eco Zone boosts fuel economy and operating efficiency.

Hydraulic Pilot Control Levers Hydraulic pilot operation levers provide smooth control and easy operation.



Speed

is increased for steering for example, travel speed is lowered automatically and smoothly. When the load is decreased, travel speed is resumed accordingly.



Additional Counterweight (Optional)

When using a heavy front attachment such as a fork grapple, the additional counterweight is easily mounted for higher stability.

Additional counterweight: 230 kg

The machine pictured above includes optional equipments



Automatic Travel Speed Control at High

During high-speed travel, when the load



Auto-Idle Saves Fuel Consumption When shifting the control lever to neutral, engine speed slows automatically down to idling speed four seconds later, reducing fuel consumption, emissions and noise. This feature is advantageous when working in urban residential districts requiring special environmental awareness.

A Solid Base for a Long Life

Reinforced Front Attachment

The front attachment is redesigned for higher strength and reliability. The boom top is strengthened for less jerking due to wear.



WC* Thermal Spraying WC thermal spraying is done at contact surfaces between arm top and bucket to reduce wear and jerking. *Tungsten Carbide



Sideplate

Bucket botto

Weldina



Single Swing Pin A single large swing pin is used to eliminate jerking.



Reinforced Boom Top The boom top bracket, using hightensile steel, reduces boss wear and jerking.



Job-Proven HN Bushings The field-proven HN bushing, a Hitachi original, is utilized at each front pin joint to reduce jerking and servicing. Lubricating interval is a long 500 hours.

Reinforced Undercarriage



Rainforced Blade The box-section stay is utilized at the blade for higher durability.



New-Structure Rubber Crawlers The Hitachi-developed rubber crawlers are highly durable, featuring a steelcored structure that protects shoe edges from being damaged even when riding on curbs.

Reinforced Upperstructure

Enlarged Counterweight and Weighted Undercarriage

The box-section frame is adopted, combining low weight and high durability. The enlarged counterweight and weighted undercarriage help lower the center of gravity and increase stability.





Reinforced D-Shaped Frame The machine frame is reinforced with a D-shaped frame that protects against damage and impact by obstructions.

A New Standard in Operator Comfort

Largest-in-Class Cab Space

The cab space, conforming to the European standards, is the largest among the mini excavators for pleasant, efficient operation.

Short-Stroke Levers

Fingertip-control, short-stroke levers are utilized for long, continuous operation with less fatigue.

Bright Cab Interior Coloring

A new color scheme is adopted to the cab interior and controls for pleasant operation.



High Backrest (Cab) The high Backrest is utilized to hold the operator comfortably for long-hours operation. Backrest is increased in height, and formed to hold the operator well.

Pictured is a cab specification.



Rubber Mounted Floor The cab rests on 4 shock-absorbing rubber mounts to ensure comfortable operation.



Improved Visibility with Roof Visor (Canopy)



Shown is a cab specification, including options such as multi-function levers.

Miscellaneous Devices



Seat backrest box Drink holder



Air conditioner / AM-FM radio (Cab)





Tool box (canopy)

Wealth of Convenient Design Features

Conveniently Located Servicing Points



Simplified Daily Maintenance The engine cover can slide up and down for quick servicing even in confined space. No more swing-open cover that obstructs maintenance and servicing jobs.

The full-open cover provides direct access to exposed devices inside for easy

maintenance. The cab can be tilted up for easy inspection and servicing. (In daily

maintenance, there is no need for cab tilting-up.) Split hydraulic hoses are used for

*When using the floor tilt mechanism, consult your nearest Hitachi dealer. If bolts are removed or installed by



Uses Tracks Promoting Easy Mud Removal

The X-beam track frame is smooth for mud removal. This shortens machine washing time and reduces disposal costs, too.



Easy to Repair Steel Cover A steel cover is utilized for tough operation, allowing easy repair if damaged. The steel cover is durable, recyclable and economical.



Finned Radiator and Oil Cooler for Effective Cooling The radiator and oil cooler, made of rust-resistant aluminum, are integrated with wavy fins for effective cooling. Fins are easy to clean and hard to be packed with dirt.

Easy-to-Maintain Grease Bath Type Swing Gear

The grease bath type swing gear extends lubricating intervals up to 500 hours for easy maintenance.

Hydraulic Oil Circulation Type Swing **Reduction Gear**

The swing reduction gear is a hydraulic oil circulation type that does not need cumbersome gear oil change. Long-life hydraulic oil extends replacement interval up to 2000 hours.

Comprehensive Safety Features



Pilot-Control Shut-Off Lever All operations-front, swing, travel and blade-can be shut off by locking the pilot control shut-off valve. This effectively prevents accidental lever control.

Neutral Engine Start System

The engine can start only when the pilot control shut-off lever is locked. This is called the neutral engine start system. This eliminates unexpected lurching when the engine suddenly starts when touching the control lever unconsciously.

Swing/Travel Parking Brakes (Standard)

The swing parking brake and travel parking brake are both provided standard for enhanced safety.

Illustrated is ROPS/OPG cab (with top guard).

ROPS/TOPS Cab and Canopy

Both canopy and cab conform to the latest ROPS (ISO 3471), TOPS (ISO 12117), and OPG top guard (level 1) standards. The seat belt protects the operator as well. The operator's cab and canopy, complying with the international standards, are mounted to protect the operator in the case of tipping.

ROPS (Roll-Over Protection Structure) for protection of the operator held by seat belt in the case of rolling-over TOPS (Tip-Over Protection Structure) for operator protection in the case of tipping-over OPG (Operator Protective Guards) for operator protection against falling objects

A Recyclable Machine

All resin parts are marked to facilitate recycling. The machine is completely leadfree. The radiator and oil cooler are made from aluminium and all wires are leadless. In addition, biodegradable hydraulic oil is available for jobsites where special environmental care is required.

Suitable for a Variety of Applications (Optional)





Pad crawler shoes

Theft deterrent system



quick replacement.

unauthorized personnel, non-conformity to ROPS may occur.







Additional Features



Retractable seat belt Rearview mirror (Cab)



Anti-slip plate



Wrist rest



SPECIFICATIONS

ENGINE

Yanmar 3TNV88
4-cycle water-cooled, direct injection
3
21.3 kW (28.5 HP) at 2 400 min ⁻¹ (rpm)
21.3 kW (28.5 HP) at 2 400 min ⁻¹ (rpm)
21.3 kW (28.5 HP) at 2 400 min ⁻¹ (rpm)
21.2 kW (28.4 HP) at 2 400 min ⁻¹ (rpm)
22 kW (29.5 HP) at 2 400 min ⁻¹ (rpm)
106 Nm (10.8 kgf m) at 1 000 min-1 (rpm)
1.642 L
88 mm x 90 mm
12 V
55 Ah
55 A
2.3 kW

HYDRAULIC SYSTEM

Main pumps	2 variable displacement axial piston pumps
Ma. 1	
Maximum oil flow	2 x 38.4 L/min
	1 x 25.2 L/min
Pilot pump	1 gear pump
Maximum oil flow	10.8 L/min
Auxiliary	
Maximum oil flow	63.6 L/min

Hydraulic Motors

Travel	2 variable displacement axial piston motors
Swing	1 axial piston motor

Relief Valve Settings

Implement circuit	24.5 MPa (250 kgf/cm ²)
Swing circuit	16.7 MPa (150 kgf/cm ²)
Travel circuit	24.5 MPa (250 kgf/cm ²)
Pilot circuit	3.9 MPa (40 kgf/cm ²)
Auxiliary circuit	24.5 MPa (250 kgf/cm ²)

Hydraulic Cylinders

High-strength piston rods and tubes. Cylinder cushion mechanisms provided in boom and arm cylinder to absorb shock at stroke ends.

Dimensions

	Quantity	Bore	Rod diameter	Stroke
Boom	1	85 mm	50 mm	576 mm
Arm	1	75 mm	45 mm	597 mm
Bucket	1	65 mm	40 mm	435 mm
Blade	1	95 mm	45 mm	140 mm
Boom swing	1	85 mm	45 mm	525 mm

Hydraulic Filters

Hydraulic circuits use high-quality hydraulic filters. A suction filter is incorporated in the suction line, and full-flow filters in the return line.

CONTROLS

Hydraulic pilot controls levers for all operations.

- Implement levers 2
- Travel levers with pedals...... 2
- Blade lever..... 1

UPPERSTRUCTURE

Revolving Frame

Welded sturdy box construction, using heavy-gauge steel plates for ruggedness. D-section frame for resistance to deformation.

Swing Device

Operator's Cab

Independent spacious cab, 960 mm wide by 1 520 mm high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for visibility. Front windows (upper and lower) can be opened. Reclining seat. * International Standardization Organization

UNDERCARRIAGE

Tracks

Tractor-type undercarriage. Welded track frame using selected materials. Side frame welded to track frame.

Numbers of Rollers and Shoes on Each Side

Upper rollers..... 1 Lower rollers...... 4

Travel Device

Maximum traction force.. 27 kN (2 750 kgf)

Gradeability 58 % (30 degree) continuous

WEIGHTS AND GROUND PRESSURE

Equipped with 2.47 m boom, 1.32 m arm and 0.11 $\rm m^3$ bucket (ISO heaped) rubber shoes 300 mm.

Cab type	Operating weight	Ground pressure
4-Pillars canopy	3 520 kg	32 kPa (0.32 kgf/cm ²)
Cab	3 690 kg	33 kPa (0.34 kgf/cm ²)

 * (Operating weight with 0.11 $m^{\scriptscriptstyle 3}$ bucket if fully serviced +80 kg operator ISO 6016).

SERVICE REFILL CAPACITIES

Fuel tank	40.0 L
Engine coolant	5.0 L
Engine oil	7.2 L
Travel device (each side)	0.6 L
Hydraulic system	56.0 L
Hydraulic oil tank	32.0 L
2	

BACKHOE ATTACHMENTS

Boom and arms are of welded, box-section design. 2.47 m boom, 1.32 m and 1.72 m arms are available.

Buckets

Capacity ISO heaped	Width without side cutters	Weight
0.04 m ³	250 mm	55 kg
0.055 m ³	300 mm	60 kg
0.065 m ³	350 mm	65 kg
0.08 m ³	400 mm	67 kg
0.09 m ³	450 mm	73 kg
0.10 m ³	500 mm	76 kg
0.11 m ³	550 mm	80 kg
0.13 m ³	600 mm	84 kg

SPECIFICATIONS

DIMENSIONS



				Unit : mm	
Model code		ZX3	5U-3F		
	1.32 ו	n arm	1.72 m arm		
	Canopy	Cab	Canopy	Cab	
A Distance between tumblers	1 650 (1 660)	1 650 (1 660)	
B Undercarriage length	2 100 (2 120)	2 100 (2 120)	
* C Counterweight clearance	550 (540)	550 (540)	
D Rear-end swing radius	8	70	87	0	
D' Rear-end length	8	70	87	0	
E Overall width of upperstructure	15	550	15	50	
F Overall height	2 460 (2 450)	2 500 (2 490)	2 460 (2 450)	2 500 (2 490)	
* G Min. ground clearance	280 (270)	280 (270)		
H Track gauge	14	140	1 440		
I Track shoe width	30	00	300		
J Undercarriage width	17	740	1 740		
K Overall width	17	740	1 740		
L Overall length	4 6	650	4 7	80	
M Overall height of boom	14	190	19	10	
N Track height	480 (470)	480 (470)	
O Engine cover height	1 420	(1 410)	1 420 (1 410)	
P Horizontal distance to blade	16	610	16	10	
Q Blade height	3	55	35	5	

Data in () are dimensions of grouser shoe. This illustration shows the ZX35U-3F equipment with 1.32 m arm, 0.11 m³ bucket and 300 mm rubber shoes

WORKING RANGES



						Unit: mm	
	Model code			ZX35	5U-3F		
			1.32 r	n arm	1.72 r	n arm	
			Canopy	Cab	Canopy	Cab	
А	Max. digging reach		5 2	210	5 5	520	
В	Max. digging depth		3 ()50	3 4	150	
С	Max. cutting height		4 870	4 710	4 950	4 760	
D	Max. dumping height		3 470	3 320	3 570	3 390	
Е	Min. swing radius		2 070	2 230	2 170	2 300	
F	Max. vertical wall		2 5	590	2 800		
G	Working radius at Min. swing (Max. boom-swing angle)	g radius	1 670	1 810	1 730	1 970	
Н	Blade bottom highest posit above ground	tion		3	70		
Ι	Blade bottom lowest positi above ground	on		39	90		
J/J'	Offset distance (Max, boom-swing angle)		605 / 740	605 / 700	605 / 740	605 / 700	
Buc	ket digging force ISO : PCSA	kN (kgf)	27.5 (2 800)	27.5 (2 800)	
Buc	ket digging force SAE	kN (kgf)	23.0 (2 350)	23.0 (2 350)	
Arm	rowd force ISO : PCSA	kN (kgf)	19.1 (1 950)	17.2 (1 750)	
Arm	n crowd force SAE	kN (kgf)	17.9 (1 830)	16.1 (1 640)	

This illustration shows the ZX35U-3F equipment with 1.32 m arm, 0.11 m³ bucket and 300 mm rubber shoes

LIFTING CAPACITIES

- Notes: 1. Ratings are based on SAE J1097.
 2. Lifting capacity of the ZAXIS Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
 3. The load point is a hook (not standard equipment) located on the back of the bucket.
 - 4. *Indicates load limited by hydraulic capacity.
 - 5. 0 m = Ground.

ZX35U-3F Canopy Versio	n, Blade a	above Gro	ound, 1.32	m Arm		Rating	g over-side o	or 360 degre	es 💾	Rating over-	front	Unit: 1 000 kç
	Load		-		Load	radius	-				At max, reach	1
Conditions	point	1.0	<u>) m</u>	2.0	<u>) m</u>	3.0	<u>) m</u>	4.0) m			
	height	O	Ů	O	Ů	÷	Ů	O	Ů	O	Ů	meter
Arm 1.32 m	3.0 m							0.48	0.49	0.38	0.39	4.58
Rubber shoes 300 mm	2.0 m					0.76	0.80	0.47	0.49	0.32	0.33	4.94
Rubber shoes 500 min	1.0 m					0.70	0.74	0.45	0.47	0.31	0.32	5.00
	0 (Ground)					0.66	0.70	0.43	0.45	0.33	0.34	4.78
	-1.0 m	*1.58	*1.58	1.29	1.39	0.66	0.69	0.42	0.44	0.40	0.42	4.22
	-2.0 m			1.32	1.42	0.68	0.71					
	Land				Load	radius						
Conditions	Load	1.0	0 m	2.0) m	3.0	0 m	4.0	4.0 m At max. reach			1
Conditions	height		Ů	÷	Ů	O	Ů	÷	Ů	÷	Ů	meter
Arm 1.32 m	3.0 m							0.56	0.59	0.45	0.47	4.58
Pubbor shoos 200 mm	2.0 m					*0.86	*0.86	0.55	0.58	0.39	0.41	4.94
	1.0 m					0.83	0.87	0.53	0.56	0.37	0.39	5.00
Additional counterweight 230 kg	0 (Ground)					0.79	0.83	0.51	0.54	0.40	0.41	4.78
	-1.0 m	*1.58	*1.58	1.51	1.64	0.78	0.82	0.51	0.53	0.48	0.50	4.22
	-2.0 m			1.55	1.67	0.80	0.84					1

ZX35U-3F Canopy Version, Blade on Ground, 1.32 m Arm

	Load	Load radius At max reach											
Conditions	point	1.0) m	2.0) m	3.0) m	4.0	m				
	height	÷	Ľ	O	Ů	÷	Ů	O	ů	÷	Ů	meter	
Arm 1.32 m	3.0 m							0.48	*0.71	0.38	*0.52	4.58	
Rubber shoes 300 mm	2.0 m					0.76	*0.86	0.47	*0.77	0.32	*0.52	4.94	
	1.0 m					0.70	*1.29	0.45	*0.91	0.31	*0.55	5.00	
	0 (Ground)					0.66	*1.54	0.43	*1.02	0.33	*0.64	4.78	
	-1.0 m	*1.58	*1.58	1.29	*2.37	0.66	*1.49	0.42	*0.98	0.40	*0.81	4.22	
	-2.0 m			1.32	*1.73	0.68	*1.10						
		Load radius											
	Load				Load	radius					At max, reach	1	
Conditions	Load point	1.0) m	2.0	Load) m	radius 3.0) m	4.0	m		At max. reach		
Conditions	Load point height	1.0) m Ľ	2.0	Load) m	radius 3.0) m L	4.0	um L		At max. reach	meter	
Conditions	Load point height 3.0 m	1.0) m Ú	2.0		radius 3.0) m Ú	4.0 0.56	m Ľ *0.71	0.45	At max. reach	meter 4.58	
Conditions Arm 1.32 m	Load point height 3.0 m 2.0 m	1.0) m U	2.0	Load) m	radius 3.0 0 0.86	0 m U *0.86	4.0 0.56 0.55	m *0.71 *0.77	0.45 0.39	At max. reach	meter 4.58 4.94	
Conditions Arm 1.32 m Rubber shoes 300 mm	Load point height 3.0 m 2.0 m 1.0 m	1.0	^{) m}	2.0		radius 3.0 0.86 0.83	0 m *0.86 *1.29	4.0 0.56 0.55 0.53	*0.71 *0.77 *0.91	0.45 0.39 0.37	At max. reach *0.52 *0.52 *0.55	meter 4.58 4.94 5.00	
Conditions Arm 1.32 m Rubber shoes 300 mm Additional counterweight 230 kg	Load point height 3.0 m 2.0 m 1.0 m 0 (Ground)	1.0) m Ü	2.0	Load) m	radius 3.(0.86 0.83 0.79	0 m *0.86 *1.29 *1.54	4.0 0.56 0.55 0.53 0.51	*0.71 *0.71 *0.77 *0.91 *1.02	0.45 0.39 0.37 0.40	At max. reach *0.52 *0.52 *0.55 *0.64	meter 4.58 4.94 5.00 4.78	
Conditions Arm 1.32 m Rubber shoes 300 mm Additional counterweight 230 kg	Load point height 3.0 m 2.0 m 1.0 m 0 (Ground) -1.0 m	1.(••••••••••••••••••••••••••••••••••••	0 m	2.0 0 1.51	Load 0 m 	radius 3.0 0.86 0.83 0.79 0.78	0 m *0.86 *1.29 *1.54 *1.49	4.0 0.56 0.55 0.53 0.51 0.51	*0.71 *0.77 *0.91 *1.02 *0.98	0.45 0.39 0.37 0.40 0.48	At max. reach *0.52 *0.52 *0.55 *0.64 *0.81	meter 4.58 4.94 5.00 4.78 4.22	

ZX35U-3F Canopy Version, Blade above Ground, 1.72 m Arm

ZX35U-3F Canopy Versio	n, Blade a	above G	round, 1	.72 m Ar	m								Ur	nit: 1 000 kg	
Conditions	Load point height	Load radius											At may reach		
		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		At max. reach			
		O	Ů	O	Ů	D	Ů	O	Ů	O	Ů	O	Ů	meter	
Arm 1.72 m	3.0 m							0.51	0.53			0.35	0.36	4.93	
Rubber shoes 300 mm	2.0 m							0.50	0.52			0.31	0.31	5.26	
	1.0 m					0.75	0.79	0.47	0.49	0.32	0.33	0.29	0.30	5.32	
	0 (Ground)					0.70	0.73	0.45	0.47			0.30	0.31	5.12	
	-1.0 m	*1.34	*1.34	1.32	1.42	0.68	0.71	0.44	0.45			0.36	0.37	4.61	
	-2.0 m	*2.35	*2.35	1.35	1.45	0.69	0.72								
Conditions	Load		Load radius										At max, reach		
	point	1.0 m		2.0 m		3.0 m		4.0 m		5.0 m					
	height	D	Ů	D	Ŭ	D	Ŭ	i 🗭	Ŭ	•	Ŭ		Ŭ	meter	
Arm 1.72 m Rubber shoes 300 mm Additional counterweight 230 kg	3.0 m							*0.57	*0.57			0.42	0.43	4.93	
	2.0 m							0.59	0.61			0.37	0.38	5.26	
	1.0 m					0.88	0.92	0.56	0.58	0.39	0.40	0.35	0.36	5.32	
	0 (Ground)					0.82	0.86	0.54	0.56			0.37	0.38	5.12	
	-1.0 m	*1.34	*1.34	1.55	1.67	0.81	0.85	0.52	0.55			0.43	0.45	4.61	
	-20m	*2.35	*2.35	1.57	1 69	0.81	0.85								

ZX35U-3F Canopy Version, Blade on Ground, 1.72 m Arm

ZX35U-3F Canopy Version, Blade on Ground, 1.72 m Arm															
Conditions	Load point height			At may reach											
		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		At max. reach			
		D	Ů	•	Ů	O	Ů	O	Ů	O	Ů	D	Ů	meter	
Arm 1.72 m	3.0 m							0.51	*0.57			0.35	*0.54	4.93	
Rubber shoes 300 mm	2.0 m							0.50	*0.65			0.31	*0.55	5.26	
	1.0 m					0.75	*1.10	0.47	*0.81	0.32	*0.71	0.29	*0.59	5.32	
	0 (Ground)					0.70	*1.46	0.45	*0.97			0.30	*0.68	5.12	
	-1.0 m	*1.34	*1.34	1.32	*2.18	0.68	*1.53	0.44	*1.01			0.36	*0.77	4.61	
	-2.0 m	*2.35	*2.35	1.35	*2.18	0.69	*1.30								
	Land	Load radius													
Conditions	Load point height	1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		At max. reach			
		O	Ů	O	Ů	D	Ů	O	Ů	O	Ů	D	Ů	meter	
Arm 1.72 m Rubber shoes 300 mm Additional counterweight 230 kg	3.0 m							*0.57	*0.57			0.42	*0.54	4.93	
	2.0 m							0.59	*0.65			0.37	*0.55	5.26	
	1.0 m					0.88	*1.10	0.56	*0.81	0.39	*0.71	0.35	*0.59	5.32	
	0 (Ground)					0.82	*1.46	0.54	*0.97			0.37	*0.68	5.12	
	-1.0 m	*1.34	*1.34	1.55	*2.18	0.81	*1.53	0.52	*1.01			0.43	*0.77	4.61	
	-2.0 m	*2.35	*2.35	1.57	*2.18	0.81	*1.30								



A: Load radius

B: Load point height

C: Lifting capacity

Unit: 1 000 kg

11

EQUIPMENT

STANDARD EQUIPMENT

ENGINE

- Water-separator for engine fuel
- Radiator reserve tank
- Electrical fuel feed pumpCartridge-type engine oil filter
- Fuel filter

HYDRAULIC SYSTEM

- Hvdraulic pilot type control levers
- Pilot control shut-off lever with neutral engine start system
- Swing parking brake
- Travel parking brake
- Two-speed travel system
- Auto idling system
- Suction filter
- Full-flow filter
- Pilot filter
- Boom anti-drift valve
- Valve for extra piping

OPTIONAL EQUIPMENT

CAB

- ROPS/OPG cab
- Air conditioner
- AM/FM radio
- Window washer
- Defroster
- Reclining seat
- Suspension seat
- Retractable seat belt
- Wrist rests
- Spare power supply
- Wiper
- Drink holder
- Electric hornCigarette lighter
- Floor mat

4-PILLARS CANOPY

- ROPS/OPG canopy
- Reclining seat
- Suspension seat
- Retractable seat belt
 Wrist rests
- Drink holder
- Electric horn
- Cigarette lighter
- Floor mat

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

UPPERSTRUCTURE

- Tool box
- Rear view mirror

UNDERCARRIAGE

- 300 mm rubber shoes

FRONT ATTACHMENTS

- HN bushing
- 1.32 m arm
- Extra piping

Optional equipment may vary by country, so please consult your Hitachi dealer for details.

UNDERCARRIAGE

- 300 mm grouser shoes
 - 300 mm pad crawler shoes

FRONT ATTACHMENTS

 1.72 m arm Backhoe buckets (refer to specification page)

Prior to operating this machine, it may be necessary to make modifications to it so that it complies with the local regulatory standards (including safety standards) and legal requirements of that particular country. Please do not export of operate this machine outside of the country of its intended use until such compliance has been confirmed.

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.

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UPPERSTRUCTURE

- Accumulator
- Additional counterweight : 230 kg
- Theft deterrent system
- Multi-function lever
- (3 position switch type) - Auxiliary overload relief valve
- Auxiliary overload relief