### **HITACHI**

Reliable solutions

# ZAXIS38U



#### **HYDRAULIC EXCAVATOR**

Model Code: ZX38U-5A

Engine Rated Power: 21.2 kW (28.4 HP)

Operating Weight: Canopy 3 540 - 4 000 kg

Cab 3 710 - 4 170 kg

Backhoe Bucket: ISO Heaped: 0.10 m³



The new series of Hitachi compact excavators has evolved even more. We listen to customers' needs, provide solutions, and adopt fresh ideas into our new products.

The outcome is 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 multi-monitor, and comfortable operator seat. A low fuel consumption design ensures better fuel efficiency.

# ZAXIS Empower your Vision.

#### HIGH PERFORMANCE

- · Swift actions in narrow work place
- · Excellent controllability
- · Reduced fuel consumption

#### **OPERATOR COMFORT**

- · Pleasant operator environment
- · Sturdy operator stations by rigorous safety standards
- · Easy-to-read multi-monitor

#### SIMPLIFIED MAINTENANCE

- · Open-wide covers for easy maintenance
- · Easy-to-clean cab floor
- · Sloped track frame tops for easy mud removal

#### **DURABILITY**

· A line of Hitachi quality products



Shown equipped with 1.72 m arm, extra piping, additional counterweight, rear view mirror, and pre-cleaner.

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

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Shown equipped with 1.32 m arm, extra piping, additional counterweight, rear view mirror, and arm rests.

### **HIGH PERFORMANCE**

#### **Agility Stands for Efficiency**

#### Swift Actions in Narrow Work Place

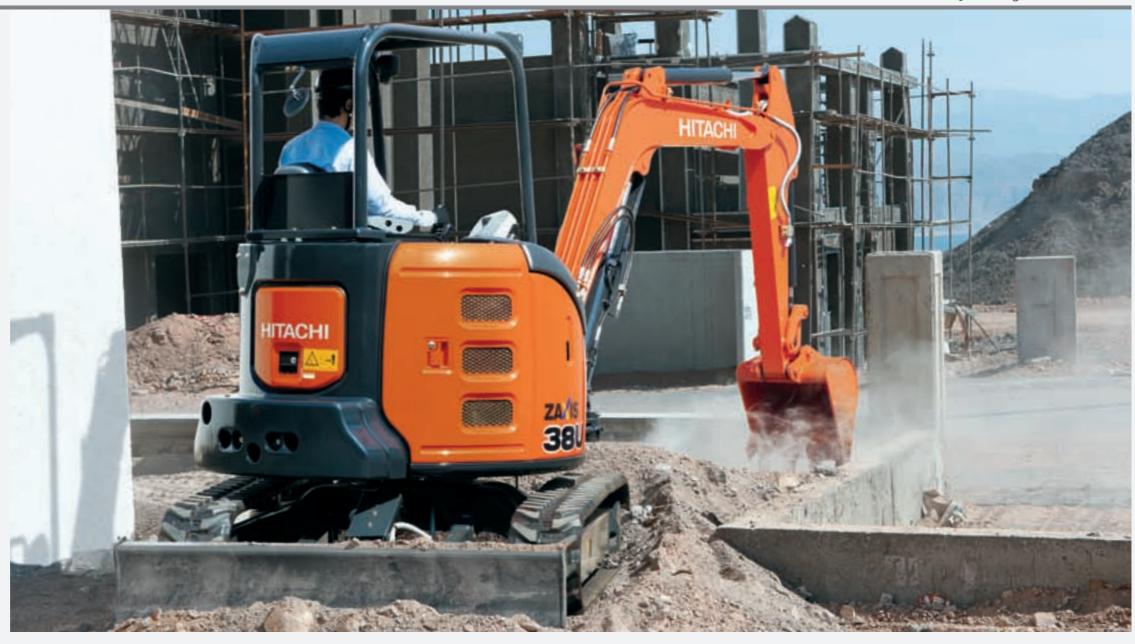
Short rear-end swing design allows for safe, confident operation in tight work areas.



Shown equipped with 1.72 m arm, extra piping and additional counterweight.

#### **Excellent Controllability**

The Hitachi pilot control system is impressive. The control lever provides excellent fine control and low-effort handling to reduce operator fatigue. It is ergonomically positioned for easy operation. The multi-monitor allows selection of ECO and PWR modes to control the motion speed. With the engine control dial, you can also adjust engine speed with ease. The auto speed change system shifts down travel speed when the load exceeds a certain limit (for instance, when going downhill), and shifts up when the load is less.







FCO / PWR mode selector switch

#### **Reduced Fuel Consumption**

A new engine has an electronic governor that is a clue to low fuel consumption. With an electronic accelerator, you can achieve precision engine control for fuel economy. To conserve fuel, select ECO mode, and to get more power, select PWR mode. In short, you can choose an optimum mode according to job needs.

The Auto Idle helps save fuel consumption, too. When moving the control lever to neutral, the Auto Idle automatically reduces engine speed to idling level four seconds later, reducing fuel consumption.

### **OPERATOR COMFORT**

## **Comfortable Operator Stations to Yield High Production**





#### Pleasant Operator Environment

Hitachi cabs and canopies have been traditionally praised for operator comfort. They are spacious with ample leg room. The console and seat are designed ergonomically, standing for operator comfort.

When sitting in the operator station, the operator will not feel resticted. Cab door width increases by 80 mm for easy access and a better view of work place. The front windshield is enlarged for higher visibility. The foot step is lowered for easy access. A host of devices, including arm rests, drink holder and seat back box, enhance operator comfort.

### Sturdy Operator Stations by Rigorous Safety Standards

The rugged cab and 4-pillar canopy well protect the operator in case of tipping. They are ruggedly designed by the ROPS\* standard. All the models are protected with the OPG\*\* top guard against falling objects.

A seat belt, pilot control shut-off lever, swing parking brake and travel parking brake are all standard. The neutral engine start system further enhances safe operation, disabling engine starting unless the lever is in lock position.

\*Roll-Over Protection Structure

\*\*Operator Protection Guard



### **SIMPLIFIED MAINTENANCE**

Easy Servicing, Day-in Day-out

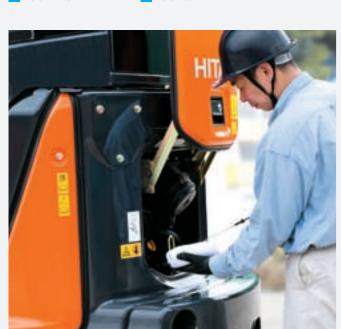
#### **Open-Wide Covers for Easy Maintenance**

All covers are wide-opening for direct access to service points, allowing for quick daily inspection and replacement. A cover adjacent to the radiator extends vertically to easily clean the radiator. A refueling port is placed inside the cover to avoid dirt entry and fuel theft.

A new tank cover is lightweight and wide-opening for easy



- 1 Reserve tank
- 4 Air filter 2 Water separator 5 Engine oil filter
- 3 Fuel filter
- 6 Fuel tank

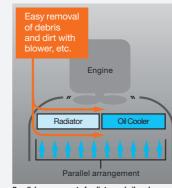




#### **Easy-to-Clean Cab Floor**

The radiator and oil cooler are arranged in parallel, instead of conventional in-line arrangement, to promote easy, efficient cleaning and cooling. Their wavy fins can be easily cleaned by air blowing.

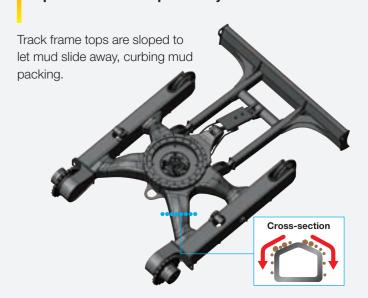
Dust-proof indoor nets provide for easy removal of debris and dirt. A split-type floor mat can easily be removed at a seam between foot pedals and cab floor, and its surface patterns allow for quick sweeping.







#### Sloped Track Frame Tops for Easy Mud Removal



### **DURABILITY**

#### **Technological Prowess and Stringent Quality Control**

#### A Line of Hitachi Quality Products

Hitachi has been acclaimed worldwide for technological prowess and high-performance products since the launch of its first hydraulic excavator in 1949. Its Design Division has adopted the 3D-CAD system for applied analysis and data crunching to churn out quality products and slash lead time

Newly developed products have been vigorously tested in multiple ways, such as long-hours durability test and evaluation test, at a Hitachi vast 427 hectares test field under critical operating conditions – for instance, tropical or freezing weather -- before unveiling new products.

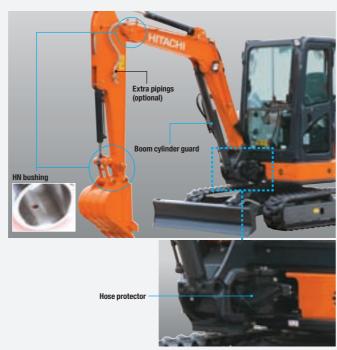




#### Strong Front Attachment

Front pins are jointed with a tight fit to reduce jerking and noise significantly, enhancing durability. Those pins are lubricated with HN bushings having an abundant greaseretaining capacity, extending greasing intervals up to 500 hours.

Main hoses are sheathed with hose protectors at the swing post. The bottom side of the boom cylinder is protected with a V-shaped boom cylinder guard. The four-side reinforced arm is sturdy with high rigidity.



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#### Rugged Box-Section Blade

The blade is box-section structure for higher ruggedness, and its stays have openings for easy flow-out of mud.

#### Sturdy Upperstructure

The upperstructure frame is reinforced with job-proven D-section skirts whose height is increased for larger cross section to boost durability against obstacles.







### **SPECIFICATIONS**

 ENGINE

 Model
 Yanmar EDM-3TNV88

 Type
 4-cycle water-cooled, direct injection

 No. of cylinders
 3

 Rated power
 21.2 kW (28.4 HP) at 2 400 min<sup>-1</sup> (rpm)

 ISO 9249, net
 21.2 kW (28.4 HP) at 2 400 min<sup>-1</sup> (rpm)

 SAE J1349, net
 21.2 kW (28.4 HP) at 2 400 min<sup>-1</sup> (rpm)

 Maximum torque
 105.5 Nm (10.8 kgfm) at 1 000 min<sup>-1</sup> (rpm)

 Piston displacement
 1.642 L

 Bore and stroke
 88 mm x 90 mm

 Batteries
 1 x 12 V / 55 Ah

#### HYDRAULIC SYSTEM

#### **Hydraulic Pumps**

riyaraano r ampo	
Main pumps	2 variable displacement axial piston pumps
	1 gear pump
Maximum oil flow	2 x 38.4 L/min
	1 x 22.8 L/min
Pilot pump	1 gear pump
Maximum oil flow	10.8 L/min

#### **Hydraulic Motors**

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

#### Relief Valve Settings

•	
Implement circuit	24.5 MPa (250 kgf/cm <sup>2</sup> )
Swing circuit	18.6 MPa (190 kgf/cm <sup>2</sup> )
Travel circuit	24.5 MPa (250 kgf/cm <sup>2</sup> )
Pilot circuit	3.9 MPa (40 kgf/cm <sup>2</sup> )

#### **Hydraulic Cylinders**

	Quantity	Bore	Bore Rod diameter	
Boom (canopy)	1	85 mm	50 mm	576 mm
Boom (cab)	1	85 mm	50 mm	564 mm
Arm	1	75 mm	45 mm	597 mm
Bucket	1	65 mm	40 mm	435 mm
Blade	1	95 mm	50 mm	140 mm
Boom swing	1	85 mm	45 mm	525 mm

#### UPPERSTRUCTURE

#### Revolving Frame

D-section frame for resistance to deformation.

#### **Swing Device**

Axial piston motor with planetary reduction gear is bathed in oil. Swing circle is single-row. Swing parking brake is spring-set/hydraulic-released disc type.

#### Operator's Cab

Independent spacious cab, 1 049 mm wide by 1 611 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 Organization for Standarization

#### UNDERCARRIAGE

#### **Tracks**

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

#### Numbers of Rollers on Each Side

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

#### **Travel Device**

Each track driven by 2-speed axial piston motor. Parking brake is spring-set/hydraulic-released disc type. Automatic transmission system: High-Low.

Travel speeds ...... High: 0 to 4.3 km/h Low: 0 to 2.8 km/h

Maximum traction force 27 kN (2 750 kgf)

Gradeability ...... 58% (30 degree) continuous

#### SERVICE REFILL CAPACITIES

42.0 L
3.9 L
7.2 L
0.6 L
56.0 L
32.0 L

#### WEIGHTS AND GROUND PRESSURE

#### **Operating Weight and Ground Pressure**

4-PILLAR CANOPY

Shoe type	Shoe width	Arm length	kg	kPa (kgf/cm²)					
Dule le sur ele se	000	1.32 m	3 540	32 (0.32)					
Rubber shoe	300 mm	1.32 m 3 1.72 m 3 1.32 m 3 00 mm 1.32 m 3 1.72 m 3 1.32 m 3	3 790*	34 (0.35)*					
0	000	1.32 m	3 680	33 (0.34)					
Grouser shoe	300 mm	1.72 m	3 930*	35 (0.36)*					
Pad crawler	000	1.32 m	3 750	34 (0.34)					
shoe	300 mm	1.72 m	4 000*	36 (0.37)*					

Including 0.10 m<sup>3</sup> (ISO heaped), bucket weight (76 kg).

#### CAB

Shoe type	Shoe width	Arm length	kg	kPa (kgf/cm²)	
Dulahamahaa	000	1.32 m	3 710	33 (0.34)	
Rubber shoe	300 mm	1.32 m 3 710 1.72 m 3 960* 1.32 m 3 850 1.72 m 4 100* 1.32 m 3 920	3 960*	36 (0.36)*	
0	000	1.32 m	3 850	35 (0.35)	
Grouser shoe	300 mm	1.72 m	4 100*	37 (0.38)*	
Pad crawler	000	1.32 m	3 920	35 (0.36)	
shoe	300 mm	1.72 m	4 170*	37 (0.38)*	

Including 0.10 m³ (ISO heaped), bucket weight (76 kg).

#### **BUCKET AND ARM DIGGING FORCE**

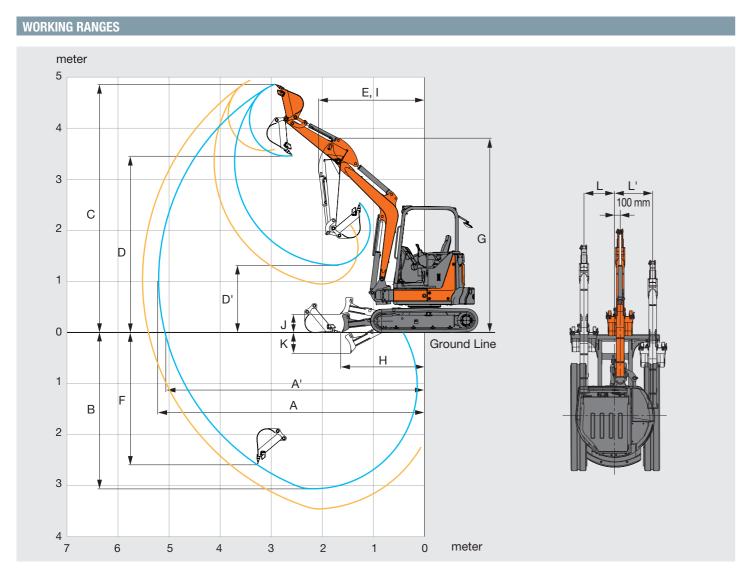
Arm length	1.32 m	1.72 m				
Bucket digging force ISO	27.1 kN (2 760 kgf)					
Bucket digging force SAE : PCSA	22.8 kN (2 320 kgf)					
Arm crowd force ISO	19.0 kN (1 940 kgf)	16.9 kN (1 720 kgf)				
Arm crowd force SAE : PCSA	17.9 kN (1 830 kgf)	16.1 kN (1 640 kgf)				

 $<sup>^{\</sup>ast}$  Including 0.10 m³ (ISO heaped), bucket weight (76 kg), additional counterweight (230 kg).

 $<sup>^{\</sup>ast}$  Including 0.10 m³ (ISO heaped), bucket weight (76 kg), additional counterweight (230 kg).

### **SPECIFICATIONS**

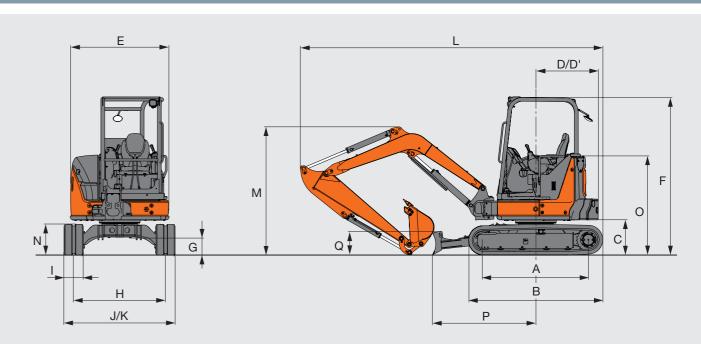
Excluding track shoe lug.



				Unit: mm		
Arm length	1.3	2 m	1.72 m			
	4-Pillar Canopy	Cab	4-Pillar Canopy	Cab		
A Max. digging reach	5 2	210	5 5	520		
A' Max. digging reach (on ground)	5 (	080	5 4	10		
B Max. digging depth	3 (	060	3 4	160		
C Max. cutting height	4 870	4 700	4 950	4 740		
D Max. dumping height	3 460	3 310	3 570	3 390		
D' Min. dumping height	1 320	1 250	950	860		
E Min. swing radius	2 080	2 240	2 190	2 300		
F Max. vertical wall digging depth	2.5	580	2 780			
G Front height at Min. swing radius	3 720 3 640		3 760	3 680		
H Min. level crowding distance	1 6	510	1 570			
I Working radius at Min. swing radius (Max. boom-swing angle)	1 670	1 910	1 770	1 970		
J Blade bottom highest position above ground	30	60	360			
K Blade bottom lowest position above ground	40	00	400			
L/L' Offset distance	610 / 735	610 / 700	610 / 735	610 / 700		
with hose rupture valve	520 / 735	520 / 700	520 / 735	520 / 700		
with assist pipes	450 / 700	450 / 700	450 / 700	450 / 700		
Max. boom-swing angle (deg.)	72 / 62	62 / 62	72 / 62	62 / 62		
with hose rupture valve (deg.)	72 / 52	62 / 52	72 / 52	62 / 52		
with assist pipes (deg.)	62 / 45	62 / 45	62 / 45	62 / 45		

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DIMENSIONS



	Unit: mm
	ZX38U-5A
A Distance between tumblers	1 660 (1 670)
B Undercarriage length	2 110 (2 130)
* C Counterweight clearance	550 (540)
D Rear-end swing radius	980
D' Rear-end length	980
E Overall width of upperstructure	1 550
F Overall height of cab	2 480 (2 470)
* G Min. ground clearance	280 (270)
H Track gauge	1 440
I Track shoe width	300
J Undercarriage width	1 740
K Overall width (Blade width)	1 740
L Overall length	
With 1.32 m arm	4 640
With 1.72 m arm	4 760
* M Overall height of boom	
With 1.32 m arm	1 530
With 1.72 m arm	1 990
N Track height	480 (470)
O Engine cover-height	1 530 (1 520)
P Horizontal distance to blade	1 620
Q Blade height	360

 $<sup>^{\</sup>star}$  Excluding track shoe lug  $\,$  Data in ( ) are dimensions of grouser shoe.

# **LIFTING CAPACITIES (Without Bucket)**

ZX38U-5A 4-Pillar Canopy Version, Blade above Ground Rating over-front Rating over-side or 360 degrees Unit: 1 000 kg

									9 1 3		5	
	Load	Load radius										
Conditions	point height	1 10 m		2.0	2.0 m		3.0 m 4.0		4.0 m		At max. reach	
	m	Ů	<b>-</b>	Ů		Ů		Ů	<b>@</b>	Ů		meter
Boom 2.47 m	3							0.61	0.57	0.52	0.49	4.37
Arm 1.72 m	2					*0.85	*0.85	0.60	0.56	0.45	0.42	4.76
Additional	1					0.88	0.82	0.57	0.54	0.42	0.40	4.87
counterweight 230 kg	0 (Ground)			*1.42	1.41	0.83	0.77	0.55	0.52	0.44	0.41	4.73
Rubber shoe	-1	*1.43	*1.43	1.57	1.41	0.82	0.76	0.54	0.51	0.49	0.46	4.31
300 mm	-2	*2.40	*2.40	1.60	1.44	0.83	0.77			0.68	0.63	3.48

ZX38U-5A 4-Pilla	ZX38U-5A 4-Pillar Canopy Version, Blade on Ground							Rating over-front Rating over-side or 360 degrees Unit: 1 000 kg					
	Load		Load radius										
Conditions	point height	1.0	) m	2.0	m	3.0 m			) m	At max. reach			
	m	Ů	<b>@</b>	Ů	<b>@</b>	Ů	<b>©</b>	Ů	<b>@</b>	Ů	<b>©</b>	meter	
Boom 2.47 m	3							*0.71	0.57	*0.64	0.49	4.37	
Arm 1.72 m	2					*0.85	*0.85	*0.78	0.56	*0.63	0.42	4.76	
Additional	1					*1.25	0.82	*0.93	0.54	*0.67	0.40	4.87	
counterweight 230 kg	0 (Ground)			*1.42	1.41	*1.54	0.77	*1.05	0.52	*0.76	0.41	4.73	
Rubber shoe	-1	*1.43	*1.43	*2.34	1.41	*1.56	0.76	*1.04	0.51	*0.91	0.46	4.31	
300 mm	-2	*2.40	*2.40	*2.17	1.44	*1.26	0.77			*0.95	0.63	3.48	

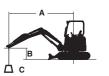
ZX38U-5A 4-Pill		Version, B	Blade above	Ground	Land	Rating over-front Pating over-side or 360 degrees Unit: 1 00							
Conditions	Load point height	1.0	) m	2.0		radius 3.0	) m	4.0	) m	,	ı		
	m	ů	<b>©</b>	Ů	<b>©</b>	Ů	<b>©</b>	Ů	<b>©</b>	Ů	<b>©</b>	meter	
Boom 2.47 m	3					*0.80	0.78			0.53	0.49	3.93	
Arm 1.32 m	2			1.56	1.41	0.79	0.74	0.50	0.47	0.43	0.41	4.37	
Rubber shoe	1					0.74	0.69	0.48	0.45	0.41	0.38	4.49	
300 mm	0 (Ground)			1.34	1.21	0.70	0.66	0.47	0.44	0.42	0.39	4.34	
	-1	*1.87	*1.87	1.36	1.22	0.70	0.65			0.49	0.46	3.86	
	-2			1.40	1.27					0.79	0.73	2.86	

ZX38U-5A 4-Pill	X38U-5A 4-Pillar Canopy Version, Blade on Ground										0 degrees l	Jnit: 1 000 kg
	Load				Load							
Conditions	point height	1.0	) m	2.0	) m	3.0	) m	4.0	) m	At max. reach		
	m	Ů	<b>@</b>	Ů	<b>©</b>	ů	<b>@</b>	Ů	<b>@</b>	Ů	<b>@</b>	meter
Boom 2.47 m	3					*0.80	0.78			*0.82	0.49	3.93
Arm 1.32 m	2			*1.61	1.41	*1.05	0.74	*0.90	0.47	*0.80	0.41	4.37
Rubber shoe	1					*1.41	0.69	*1.02	0.45	*0.85	0.38	4.49
300 mm	0 (Ground)			*1.38	1.21	*1.60	0.66	*1.09	0.44	*0.97	0.39	4.34
	-1	*1.87	*1.87	*2.56	1.22	*1.52	0.65			*1.02	0.46	3.86
	-2			*1.69	1.27					*1.02	0.73	2.86

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- 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.
   0 m = Ground.

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



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

ZX38U-5A Cab	Version, Bl	ade above	Ground				🖺 Rating	g over-front (	Rating ov	er-side or 36	0 degrees L	Jnit: 1 000 kg			
	Load		Load radius												
Conditions	point height	1.0	m	2.0	) m	3.0	) m	4.0	) m	,	At max. reach	1			
	m	Ů		Ů	<b>©</b>	Ů	<b>©</b>	Ů	<b>©</b>	Ů	<b>©</b>	meter			
Boom 2.47 m	3							0.64	0.60	0.55	0.52	4.37			
Arm 1.72 m	2					*0.85	*0.85	0.63	0.59	0.48	0.45	4.76			
Additional	1					0.93	0.86	0.61	0.57	0.45	0.42	4.87			
counterweight 230 kg	0 (Ground)			*1.42	*1.42	0.88	0.81	0.58	0.55	0.46	0.43	4.73			
Rubber shoe	-1	*1.43	*1.43	1.66	1.49	0.87	0.80	0.58	0.54	0.52	0.49	4.31			
300 mm	-2	*2.40	*2.40	1.69	1.52	0.88	0.81			0.72	0.67	3.48			

ZX38U-5A Cab	(38U-5A Cab Version, Blade on Ground								🖒 Rating over-front 🏻 🖨 Rating over-side or 360 degrees Unit: 1 000 kg						
	Load														
Conditions	point height	1.0	) m	2.0	) m	3.0	) m	4.0	) m	,	At max. reach	1			
	m	ů	<b>©</b>	ů	<b>©</b>	Ů	<b>©</b>	ů	<b>©</b>	Ů	<b>©</b>	meter			
Boom 2.47 m	3							*0.71	0.60	*0.64	0.52	4.37			
Arm 1.72 m	2					*0.85	*0.85	*0.78	0.59	*0.63	0.45	4.76			
Additional	1					*1.25	0.86	*0.93	0.57	*0.67	0.42	4.87			
counterweight 230 kg	0 (Ground)			*1.42	*1.42	*1.54	0.81	*1.05	0.55	*0.76	0.43	4.73			
Rubber shoe	-1	*1.43	*1.43	*2.34	1.49	*1.56	0.80	*1.04	0.54	*0.91	0.49	4.31			
300 mm	-2	*2.40	*2.40	*2.17	1.52	*1.26	0.81			*0.95	0.68	3.48			

ZX38U-5A Cab	Version, Bla	ade above	Ground				🗓 Rating	g over-front	Rating ov	er-side or 36	0 degrees l	Jnit: 1 000 k	
	Load				Load	radius							
Conditions	point height	1.0	) m	2.0	2.0 m		3.0 m		4.0 m		At max. reach		
	m	ů	<b>©</b>	Ů	<b>©</b>	Ů		ů	<b>©</b>	ů	<b>@</b>	meter	
Boom 2.47 m	3					*0.80	*0.80			0.56	0.53	3.93	
Arm 1.32 m	2			*1.61	1.49	0.84	0.78	0.54	0.50	0.46	0.44	4.37	
Rubber shoe	1					0.79	0.73	0.52	0.48	0.43	0.41	4.49	
300 mm	0 (Ground)			*1.38	1.29	0.75	0.70	0.50	0.47	0.45	0.42	4.34	
	-1	*1.87	*1.87	1.45	1.30	0.75	0.70			0.53	0.49	3.86	
	-2			1.49	1.34					0.84	0.78	2.86	

	Load												
Conditions	point height	1.0	m	2.0	) m	3.0	) m	4.0	m	1	At max. reach	acn	
	m	ů		Ů	<b>©</b>	Ů	<b>©</b>	Ů	<b>©</b>	Ů	<b>@</b>	meter	
Boom 2.47 m	3					*0.80	*0.80			*0.82	0.53	3.93	
Arm 1.32 m	2			*1.61	1.49	*1.05	0.78	*0.90	0.50	*0.80	0.44	4.37	
Rubber shoe	1					*1.41	0.73	*1.02	0.48	*0.85	0.41	4.49	
300 mm	0 (Ground)			*1.38	1.29	*1.60	0.70	*1.09	0.47	*0.97	0.42	4.34	
	-1	*1.87	*1.87	*2.56	1.30	*1.52	0.70			*1.02	0.49	3.86	
	-2			*1.69	1.27					*1.02	0.78	2.86	

### **EQUIPMENT**

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

Standard equipment

0 0

• 0

0

O : Optional equipment

ENGINE	
Auto idle system	•
Cartridge-type engine oil filter	•
Dust-Proof indoor net	0
Electrical fuel feed pump	•
Fuel main filter	•
Radiator reserve tank	•
Water-separator for engine fuel	•
- Vacor opparator for origino faor	

HYDRAULIC SYSTEM	
Boom anti-drift valve	•
Full-flow filter	•
Hose rupture valve	0
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	•
Valve for extra piping	•

4-PILLAR CANOPY	
Anti-slip plate	•
Armrests	•
Auxiliary function lever (AFL)	С
Drink holder	•
Electric horn	•
Floor mat	•
Reclining seat	•
Retractable seat belt	•
ROPS/OPG canopy	•
Spare power supply	•
Suspension seat	•

CAB	
Air conditioner	•
AM/FM radio	•
Anti-slip plate	•
Armrests	•
Auxiliary function lever (AFL)	0
Defroster	•
Drink holder	•
Electric horn	•
Floor mat	•
Heater	0
Reclining seat	•
Retractable seat belt	•
ROPS/OPG cab	•
Spare power supply	•
Suspension seat	•
Window washer	•
Wiper	•

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4-PILLAR CANOPY	
nti-slip plate	•
rmrests	•
uxiliary function lever (AFL)	0
rink holder	•
ectric horn	•
oor mat	•
eclining seat	•
etractable seat belt	•
OPS/OPG canopy	•
pare power supply	•
uspension seat	•

LINDEDCADDIACE	
UNDERCARRIAGE 300 mm grouser shoe	0
300 mm pad crawler shoe	0
300 mm rubber shoe	•

UPPERSTRUCTURE Auxiliary overload relief valve

230 kg additional counterweight

Pilot accumulator Rear view mirror

Stack muffler

FRONT ATTACHMENTS	
Assist piping	0
Extra piping	0
HN bushing	•
1.32 m arm	0
1.72 m arm	•

MISCELLANEOUS		
Theft deterrent system*	0	

### **MEMO**

<sup>\*</sup> Hitachi Construction Machinery cannot be held liable for theft, any system will just minimize the risk of theft.



#### **Hitachi Environmental Vision 2025**

The Hitachi Group released the Environmental Vision 2025 to curb annual carbon dioxide emissions. The Group is committed to global production while reducing environmental impact in life cycles of all products, and realizing a sustainable society by tackling three goals — prevention of global warming, conservation of resources, and preservation of ecosystem.

#### **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.

Hitachi Construction Machinery Co., Ltd.
 www.hitachi-c-m.com

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