

Taxis Tuturistic Derformance

High Productivity

- Heavy operating weight.
- 110 kW (150 PS) powerful engine.
- 151 kN (15 400 kgf) bucket digging force. 109 kN (11 100 kgf) arm digging force.
- Big lifting capacity and high stability.

Enhanced Operator Comfort

- Low noise and vibration in cab.
- Auto control air conditioner.
- Double slide seat.
- Tiltable steering wheel.

Safety

• CRES (Center pillar Reinforced Structure) cab. * The CRES cab meets OPG top guard level I (ISO).

Lower Running Costs

- New HN bushing.
- Reinforced D-type frame.

Lower Maintenance Costs

- Extended lubrication interval for front joint section.
- Extended replacement interval for hydraulic oil filter.

Environmental Friendliness

- Emission control engine.
- Lead free design.

- Never leave the front attachment in a raised position. Make sure the front attachment is lowered to the ground before leaving the equipment unattended. (Some of the pictures in this ments in an operating position. These were taken for demonstration purposes only and the actions shown are not recommended under normal operating conditions.)

 2. Caution plates on the machine will vary according to country.

3. Photos include optional equipment.





Inimum The operator's compartment is designed for both comfort and operating efficiency. Aximum Efficiency

Easy-to-Monitor Instruments

Strategically positioned instruments allow the operator to monitor the status of key areas with just a glance.

Easy-to-Operation

Switches and other essential controls are located near the operator. This helps keep operator movement to a minimum, enhancing control and minimizing fatigue.





Auto Control Air Conditioner

Simply set the temperature and forget about it. Ducts are positioned to promote even air flow throughout the cab.

Double Slide Seat

The suspension seat can slide independently, or integrally with the control lever, to accommodate operator build.



Seat with control lever



Tiltable Steering Wheel

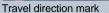
The steering wheel column can be tilted to suit operator

Comfort Increased to Reduce Operator Fatigue

D-type frame and rigid cab bed work together with the silicone-filled rubber cushions to reduce noise and vibration. Lower noise and vibration contribute to less operator fatigue.









Drink holder



Large size transparent roof



Light-touch joystick lever



Easy-to-read instruments and easy-to-operate switches





^{*} Illustration shows a sample of the air flow during bi-level control.

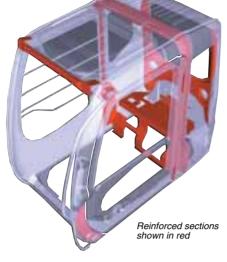


rotect A design that both guards the operator and contributes to efficient operation.

CRES (Center pillar Reinforced Structure) Cab * The CRES cab meets OPG top guard level I (ISO).

The cab is designed with "just in case" protection for the operator in mind. The rigid cab design can help to reduce any potential for injury to the operator in the event of an accident.







unctional Extensive steps have been taken

to support basic performance and overall durability.





- used for front sections
- 2 Reinforced D-type frame
- 3 Reinforcing rib for door covers
- 4 Flanged pin is used for the boom/arm joint sections and the boom foot section
- 6 WC thermal spraying for arm and bucket joint sections
- 7 Bucket joint pins lubricated
- 8 Increased arm plate thickness

WC (Tungsten Carbide) Thermal Spraying

Used at arm end and bucket connection to increase wear resistance and reduce jerking.



New HN Bushing

Reducing wear of pins and bushings.



Reinforced Resin Thrust Plates

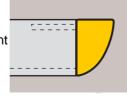
Designed to reduce noise and resist wear.





Reinforced D-Type Frame

Rigidity of main frame on standard version is increased. supports heavier front attachment and counterweight.



Aluminium Radiator, Oil Cooler and Inter-Cooler

Increased corrosion resistance.



mart Advanced technology helps reduce Savings maintenance cost.

500 Hours between Lubrication for Bucket Joint Section and **Front Sections**

The use of the new HN bushing and WC thermal spraying process have helped dramatically increase the period between lubrication. (See the Operator's Manual)

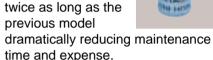
Engine Oil Filter and Water Separator Positioned for Easy Access from Ground

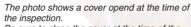




Hydraulic Oil Filter Only Needs Replacement Every 1000 Hours

The hydraulic oil filter can be used nearly twice as long as the previous model











a cleaner tomorrow.

Low-Noise Operation

A low-noise muffler and other such steps have been taken to reduce the amount of noise released from the engine compartment.

Emissions Control Engine

Conforms to EU Stage II and U.S. EPA Tier 2 emission regulations.

The road vehicle exhaust conforms to the emission of ECE R24.

Lead-Free Wiring and Aluminium Radiator and Oil Cooler

Helps keep harmful materials out of the environment.

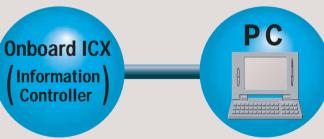


Labeled Plastic Parts

The type of plastic used in various parts is imprinted on them to facilitate easy recycling.



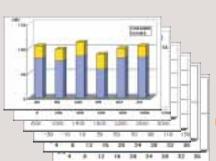
Equipment Operation Status Report





Information Services for Equipment

- Operation record
- Error record
- Alarm record
- Frequency distribution Radiator coolant/hydraulic temperature etc. and others.





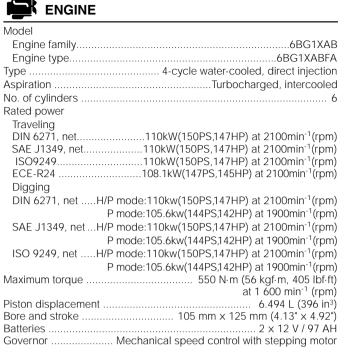
nformation

echnology Providing the data for making the right decisions.



SPECIFICATIONS





HYDRAULIC SYSTEM

- Work mode selector
- Digging mode / Attachment mode
- Engine speed sensing system

Main pumps	2 variable displacement axial piston pumps
Maximum oil flow	2 x 214 L/mir
	(56.5 US gpm, 47.0 lmp gpm)
	1 gear pump
Max. oil flow	36 L/min (9.5 US gpm, 7.9 lmp gpm)
Steering pump	1 gear pump
Max. oil flow	36 L/min (9.5 US gpm, 7.9 lmp gpm)

Hydraulic Motors

Travel	1 variable displacement a	axial p	iston r	notor
Swing	1 ε	axial p	iston r	notor

Relief Valve Settings

Implement circuit	34.3	MPa	(350	kgf/cm ² , 4	980 psi)
Swing circuit	30.4	MPa	(310	kgf/cm ² , 4	410 psi)
Travel circuit	34.3	MPa	(350	kgf/cm ² , 4	980 psi)
Pilot circuit		3.9 M	IPa (4	0 kgf/cm ² ,	570 psi)

Hydraulic Cylinders

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

Dimensions

	Qty.	Bore	Rod diameter
Boom	2	120 mm (4.72")	85 mm (3.35")
Arm	1	135 mm (5.32")	95 mm (3.74")
Bucket	1	115 mm (4.53")	80 mm (3.15")

Hvdraulic 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 and swing/travel motor drain lines.

CONTROLS

Pilot controls. Hitachi's original shockless valve and quick warm-up system built in the pilot circuit. Implement levers ... Travel pedal



Outrigger and/or blade lever .

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

Swing Divice

Axial piston motor with planetary reduction gear is bathed in oil. Swing circle is single-row, shear-type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type Swing speed

Operator's Cab

Independent roomy cab, 1 005 mm (40") wide by 1 675 mm (66") high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for visibility. Openable front windows (upper and lower). Adjustable, reclining seat with armrests; movable with or without

* International Standardization Organization



Wheeled type undercarriage. The frame is of welded, stress-relieved

Drive system: 2 gear power shift transmission and variable displacement axial piston type travel motor

Travel speed (forward and reverse)

Creeper speed range	0 to 2.0 km/h
Low speed range	0 to 6.6 km/h
High speed range	0 to 25.0 km/h
Gradeability	35 degree (70%)
Min. turning radius	
Axle:	

All-wheel drive.

The front axle can be locked hydraulically in any position. Oscillating front axle Brakes system

Maintenance free wet-disk brakes on front axle and rear axle are standard.

Fully hydraulic service brake system.



OPERATING WEIGHT

ZAXIS210W:

Equipped with 2.91m arm and 0.8 m³ (SAE, PCSA heaped) bucket.

Stabilization	Operating weight
Rear Blade	19 200 kg (42 300 lb)
Rear Outrigger	19 400 kg (42 800 lb)
Front and Rear Outrigger	20 600 kg (45 400 lb)
Outrigger and Blade	20 300 kg (44 800 lb)

SERVICE REFILL CAPA	CITIE	S	
	litter	US gal	Imp gal
Fuel tank	340	89.8	74.8
Engine coolant	23	6.0	5.1
Engine oil		6.6	5.5
Swing divice	6.2	1.6	1.4
Transmission	2.9	0.8	0.6
Front differential gear	11	2.9	2.4
Rear differential gear	13	3.4	2.9
Hub reduction gear			
Front axle		2×0.5	2×0.4
Rear axle	2×2	2×0.5	2×0.4
Hydraulic system	310	81.9	68.2
Hydraulic tank	135	35.7	29.7



BACKHOE ATTACHMENTS

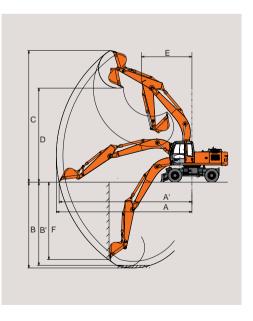
Boom and arms are of welded, box-section design. 2.22 m (7'3") and 2.91 m (9'7") arms are available for monoblock boom. Bucket is of all-welded, high-strength steel structure.

Buckets

Capacity		Wi	dth			2.22 m	2.91 m
SAE, PCSA heaped	CECE heaped	With side cutters	With out side cutters	No. of teeth	Weight	(7'3") arm	(9'7") arm
0.51 m ³ (0.67 yd ³)	0.45 m ³	850 mm (33")	720 mm (28")	3	530 kg (1 170 lb)	0	0
0.80 m ³ (1.05 yd ³)	0.70 m ³	1 140 mm (45")	1 030 mm (41")	5	670 kg (1 480 lb)	0	0
0.91 m ³ (1.19 yd ³)	0.80 m ³	1 280 mm (50")	1 150 mm (45")	5	720 kg (1 590 lb)	0	0
1.10 m ³ (1.44 yd ³)	0.90 m ³	1 460 mm (58")	1 330 mm (52")	6	780 kg (1 720 lb)		_
1.20 m ³ (1.57 yd ³)	1.00 m ³	_	1 450 mm (57")	6	690 kg (1 520 lb)		_

- Suitable for materials with density of 1 800 kg/m³ (3 030 lb/yd³) or less
 Suitable for materials with density of 1 600 kg/m³ (2 700 lb/yd³) or less
 Suitable for materials with density of 1 100 kg/m³ (1 850 lb/yd³) or less

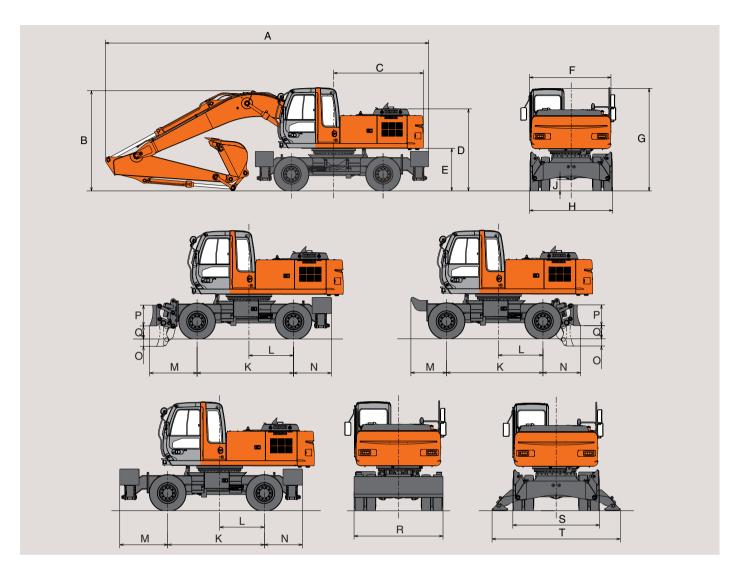
WORKING RANGES



			UTIIL: ITIITI (IL III)		
A Max. di A' Max. di (on gro B Max. di (8' level C Max. cu D Max. du E Min. sw F Max. ve Bucket digging force*	m length	2.22 m (7'3")	2.91 m (9'7")		
A Max. c	ligging reach	9 490 (31'2")	10 150 (33'4")		
	ligging reach ound)	9 270 (30'5")	9 950 (32'8)		
В Мах. с	ligging depth	5 730 (18'10")	6 420 (21'1")		
	ligging depth el)	5 490 (18')	6 230 (20'5")		
C Max. cutting height		9 420 (30'11")	9 850 (32'4")		
D Max. dumping height		6 640 (21'9")	7 040 (23'1")		
D Max. dumping height E Min. swing radius		3 780 (12'5")	3 770 (12'4")		
1 0 0		4 890 (16'1")	5 800 (19')		
	ISO	151 kN (15 400 kgf, 34 000 lbf)	151 kN (15 400 kgf, 34 000 lbf)		
	SAE, PCSA	129 kN (13 200 kgf, 29 000 lbf)	129 kN (13 200 kgf, 29 000 lbf)		
	ISO	141kN (14 400 kgf, 31 700 lbf)	109 kN (11 100 kgf, 42 500 lbf)		
	SAE, PCSA	134 kN (13 700 kgf, 30 200 lbf)	102 kN (10 400 kgf, 23 000 lbf)		

*At power boost

DIMENSIONS

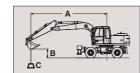


Unit: mm (ft in)

	Rear BL	Rear O/R	Front BL Rear O/R	Front and Rear O/R
A Overall length				·
2.22m arm (7'3")	9 790 (32'1")	9 790 (32'1")	9 790 (32'1")	9 790 (32'1")
2.91m arm (9'7")	9 660 (31'1")	9 660 (31'1")	9 810 (32'2")	9 810 (32'2")
B Overall height	·			·
2.22m arm (7'3")		3 160	(10'4")	
2.91m arm (9'7")		*3 110	(10'2")	
C Rear-end swing radius		2 700	(8'10")	
D Engine cover height		2 465	(8'11")	
E Counterweight clearance		1 275	(4'2")	
F Overall width of upperstructure		2 490	(8'2")	
G Overall height of cab		3 110	(10'2")	
H Overall width of tires	2 500 (8'2")	2 500 (8'2")	2 500 (8'2")	2 500 (8'2")
J Min. ground clearance		340 ((1'1")	
K Wheel base		2 750 ((9')	
L Swing-center to rear axle		1 270 ((4'2")	
M Front overhang	1 020 (3'4")	1 020 (3'4")	1 355 (4'5")	1 365 (4'6")
N Rear overhang	1 075 (3'6")	1 080 (3'7")	1 080 (3'7")	1 080 (3'7")
O Max. blade lower	215 (9")		215 (9")	_
P Height of bla de	590 (1'11")	-	590 (1'11")	_
Q Max. blade raise	375 (1'3")	_	375 (1'3")	_
R Overall width of blade	2 530 (8'4")		2 530 (8'4")	_
S Overall width of O/R retract	_	2 470 (8'1")	2 470 (8'1")	2 470 (8'1")
T Overall width of O/R extend	_	3 700 (12'2")	3 700 (12'2")	3 700 (12'2")

Transportation dimensions are A, B, H (without blade) or A, B, R (with blade).

* Cab Height



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

Unit: 1 000 kg

METRIC MEASURE

ZAXIS210W with 5.68 m boom and 2.91 m arm

	97
Rating over-side or 360 degrees	Rating over-rear

		3	m	1	m	Load i		6	m	7	m	At	max. rea	ach
	Stabilization	3	m Ü	4		5	m U	6		<i>(</i>	m U		Ů	meter
			0		U		U		U					mete
	Rear blade up									2.2	3.2	1.3	1.9	-
	Rear blade down									2.6	*3.7	1.5	*2.4	-
	Rear outrigger down									3.1	*3.7	1.9	*2.4	9.01
	Front outrigger and rear blade down									*3.7	*3.7	*2.4	*2.4	-
	Front blade and rear outrigger down									*3.7	*3.7	*2.4	*2.4	-
	4 outrigger down							3.0	*4.0	*3.7	*3.7	*2.4	*2.4	-
	Rear blade up. Rear blade down								*4.0	2.2	3.1	1.1	1.7	
	Rear outrigger down							3.4 *4.0	*4.0	2.5	*3.9 *3.9	1.3	*2.4 *2.4	-
	Front outrigger and rear blade down							*4.0	*4.0	3.9	*3.9	2.2	*2.4	9.41
	Front blade and rear outrigger down							*4.0	*4.0	*3.9	*3.9	2.2	*2.4	1
	4 outrigger down							*4.0	*4.0	*3.9	*3.9	*2.4	*2.4	1
	Rear blade up.					3.8	*5.1	2.8	4.0	2.1	3.0	1.0	1.6	\vdash
	Rear blade down					4.4	*5.1	3.2	*4.6	2.4	*4.3	1.2	*2.4	1
	Rear outrigger down					*5.1	*5.1	3.8	*4.6	2.9	*4.3	1.5	*2.4	1
m	Front outrigger and rear blade down					*5.1	*5.1	*4.6	*4.6	3.8	*4.3	2.1	*2.4	9.66
	Front blade and rear outrigger down					*5.1	*5.1	*4.6	*4.6	3.9	*4.3	2.2	*2.4	1
	4 outrigger down					*5.1	*5.1	*4.6	*4.6	*4.3	*4.3	*2.4	*2.4	1
	Rear blade up.			4.9	7.2	3.5	5.1	2.6	3.8	2.0	2.9	0.9	1.5	$\overline{}$
	Rear blade down			5.7	8.5	4.1	*6.4	3.0	*5.3	2.3	*4.7	1.1	*2.5	1
	Rear outrigger down			6.9	8.5	4.9	*6.4	3.6	*5.3	2.8	*4.7	1.5	*2.5	1
m	Front outrigger and rear blade down			*8.5	8.5	6.3	*6.4	4.7	*5.3	3.6	*4.7	2.0	*2.5	9.79
	Front blade and rear outrigger down			*8.5	8.5	*6.4	*6.4	4.9	*5.3	3.8	*4.7	2.1	*2.5	
	4 outrigger down			*8.5	8.5	*6.4	*6.4	*5.3	*5.3	4.5	*4.7	*2.5	*2.5	
	Rear blade up.					3.2	4.7	2.4	3.6	1.9	2.8	0.9	1.5	
	Rear blade down					3.7	*7.7	2.8	*6.1	2.2	*5.3	1.1	*2.6	
	Rear outrigger down					4.6	*7.7	3.4	*6.1	2.7	*5.3	1.4	*2.6	9.80
	Front outrigger and rear blade down					6.0	*7.7	4.5	*6.1	3.5	*5.3	1.9	*2.6	7.00
	Front blade and rear outrigger down					6.2	*7.7	4.7	*6.1	3.7	*5.3	2.0	*2.6	
	4 outrigger down					7.5	*7.7	5.6	*6.1	4.4	*5.3	2.5	*2.6	
	Rear blade up.					3.0	4.5	2.3	3.4	1.8	2.7	0.9	1.5	
	Rear blade down					3.5	*8.7	2.7	*6.8	2.1	*5.7	1.1	*2.7	-
	Rear outrigger down					4.3	*8.7	3.3	*6.8	2.6	5.4	1.4	*2.7	9.69
	Front outrigger and rear blade down					5.7	*8.7	4.3	*6.8	3.4	*5.7	2.0	*2.7	-
	Front blade and rear outrigger down					6.0 7.2	*8.7 *8.7	4.5 5.4	*6.8	3.5	*5.7 *5.7	2.1	*2.7 *2.7	-
	4 outrigger down Rear blade up.			4.0	*6.1	2.9	4.3	2.2	*6.8	4.2 1.7	2.6	1.0	1.5	_
	Rear blade up. Rear blade down			4.0	*6.1	3.4	*9.3	2.2	*7.4	2.0	6.0	1.0	*3.0	4
-	Rear outrigger down			5.9	*6.1	4.2	9.3	3.2	6.8	2.5	5.3	1.5	*3.0	1
	Front outrigger and rear blade down			*6.1	*6.1	5.6	*9.3	4.2	*7.4	3.3	*6.1	2.0	*3.0	9.45
H	Front blade and rear outrigger down			*6.1	*6.1	5.8	*9.3	4.4	*7.4	3.5	5.9	2.0	*3.0	1
	4 outrigger down			*6.1	*6.1	7.0	*9.3	5.3	*7.4	4.1	*6.1	2.6	*3.0	1
	Rear blade up.	*4.1	*4.1	4.0	6.2	2.8	4.3	2.1	3.2	1.6	2.5	1.0	1.7	-
	Rear blade down	*4.1	*4.1	4.7	*9.2	3.3	*9.6	2.5	*7.6	1.9	6.0	1.3	*3.3	1
	Rear outrigger down	*4.1	*4.1	5.8	*9.2	4.1	9.2	3.1	6.7	2.4	5.2	1.6	*3.3	1
	Front outrigger and rear blade down	*4.1	*4.1	7.9	*9.2	5.5	*9.6	4.1	*7.6	3.3	*6.3	2.2	*3.3	9.07
	Front blade and rear outrigger down	*4.1	*4.1	8.3	*9.2	5.7	*9.6	4.3	7.6	3.4	5.9	2.3	*3.3	1
	4 outrigger down	*4.1	*4.1	*9.2	*9.2	7.0	*9.6	5.2	*7.6	4.1	6.0	2.7	*3.3	1
	Rear blade up.	6.5	*7.9	4.0	6.2	2.8	4.3	2.1	3.2	1.6	2.5	1.2	1.9	
	Rear blade down	7.7	*7.9	4.7	*12.0	3.3	*9.5	2.5	*7.7	1.9	5.9	1.4	*3.7	
	Rear outrigger down	*7.9	*7.9	5.9	*12.0	4.1	9.2	3.1	6.7	2.4	5.2	1.8	*3.7	8.52
	Front outrigger and rear blade down	*7.9	*7.9	7.9	*12.0	5.5	*9.5	4.1	*7.7	3.2	*6.4	2.4	*3.7	0.52
	Front blade and rear outrigger down	*7.9	*7.9	8.3	*12.0	5.7	*9.5	4.3	7.5	3.4	5.8	2.5	*3.7	1
_	4 outrigger down	*7.9	*7.9	10.3	*12.0	6.9	*9.5	5.2	*7.7	4.1	6.0	3.0	*3.7	
	Rear blade up.	6.6	*9.8	4.1	6.3	2.8	4.3	2.1	3.2	1.6	2.5	1.4	2.2	1
	Rear blade down	7.8	*9.8	4.8	*11.3	3.3	*9.1	2.5	*7.4	1.9	6.0	1.7	*4.5	-
m	Rear outrigger down	*9.8	*9.8	6.0	*11.3	4.1	*9.1	3.1	6.7	2.4	5.2	2.1	*4.5	7.78
	Front outrigger and rear blade down	*9.8	*9.8	8.0	*11.3	5.5	*9.1	4.1	*7.4	3.3	*6.1	2.8	*4.5	-
-	Front blade and rear outrigger down	*9.8	*9.8	8.4	*11.3	5.8	*9.1	4.3	*7.4	3.4	5.9	3.0	*4.5	-
- 1	4 outrigger down	*9.8	*9.8	10.3	*11.3	7.0	*9.1	5.2	*7.4	4.1	6.0	3.6	*4.5	\bot

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.

STANDARD EQUIPMENT

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

ENGINE

- The engine conforms to the emission of European EC stage I
- Turbocharged, intercooled
- · The radiator, oil cooler and
- H/P mode control
- E mode control
- 50 A alternator
- · Dry-type air filter with evacuator valve (with air cleaner restriction switch for monitor)
- Cartridge-type engine oil filter
- · Cartridge-type fuel filter
- Radiator and oil cooler with dust protective net
- Radiator reserve tank
- Fan guard
- · Isolation-mounted engine
- Auto-idle system
- Auto acceleration system

HYDRAULIC SYSTEM

- Power boost
- · Work mode selector
- Engine speed sensing system
- E-P control system
- · Quick warm-up system for pilot circuit
- · Shockless valve in pilot circuit
- · Boom-arm anti-drift valve
- · Brake valves for travel circuits Accumulator in pilot circuit
- Control valve with main relief valve
- · Extra port for control valve
- Suction filter
- · Full-flow filter
- Pilot filter

- · Steering filter
- Outriggers are individually controlled

CAB

- OPG top guard fitted level I (ISO) compliant cab
- All-weather sound-suppressed steel cab • Reinforced, tinted (green color)
- glass windows
- 4 fluid-filled elastic mounts
- Openable windows-upper and lower front, and lower left side
- · Intermittent windshield
- retractable wipers · Front window washer
- · Adjustable suspension seat with armrests
- Footrest
- Electric double horn
- AM FM radio with digital clock
- Auto-idle / acceleration selector
- Seat belt
- · Drink holder
- · Cigar lighter Ashtray
- · Storage box
- Glove compartment
- Floor mat
- · Pilot control shut-off lever
- Engine stop knob Information controller
- · Auto control air conditioner
- Sun visor

MONITOR SYSTEM

- Meters: Speedometer, hourmeter and tripmeter, engine coolant temperature
- gauge, fuel gauge. · Warning lamps:
- Alternator charge, brake pressure warning indicator, engine oil pressure, engine overheat, travel motor warning indicator, air filter restriction and minimum fuel level.
- · Pilot lamps:
- Work light, auto-idle and autoacceleration, digging mode and attachment mode, engine preheat, FRONT ATTACHMENTS turn signals, head light high beam, • HN bushing parking brake, digging brake, axle lock, hazard warning signals, shift lever (N/D/L), clearance light. outrigger/dozer, blade operation
- Alarm buzzers:
- Front attachment operation while parking brake is on, engine oil pressure, engine overheat, and brake pressure.

LIGHTS AND SIGNALS

- Two headlights
- Working light
- Combination lamps Turn signal lamps
- Brake lamps
- Clearance lamps
- Hazard lamps

UPPERSTRUCTURE

- Undercover
- Fuel level float
- Hydraulic oil level gauge
- gauge, hydraulic brake pressure Rearview mirrors, left and right
 - Swing parking brake
 - Swina lock

UNDERCARRIAGE

- Parking brake Tool box; left chassis
- Traction type pattern tires (10.00-20-14 PR)
- Tire spacer

- WC thermal spraying Reinforced resin thrust plate
- Flanged pin

mechanism

- Bucket clearance adjust
- Centralized lubrication system
- · Dirt seal on all bucket pins

MISCELLANEOUS

- Standard tool kit
- Lockable machine covers
- Lockable fuel filling cap · Skid-resistant tapes, plates and
- handrails • Travel direction mark on chassis
- frame

CAB

- OPTIONAL EQUIPMENT
- · Full seat screw on the cab
- · Roof guard for cab
- Upper front guard for cab Low front guard for cab
- Suspension seat with heater
- · Air suspension seat with heater Immobilizer key
- 12 V power source
- · Anti-Vandal cover for cab
- Rotating lamp • Level I (ISO) compliant OPG
- top and front guards Transparent roof (with roll curtain)
- Rain guard

- LIGHTS
- · Additional cab roof front light
- · Additional cab roof rear light · Additional boom light with cover

FRONT ATTACHMENTS

- 2.22 m (7'3") arm
- 2.91 m (9'7") arm · Other variety buckets
- Reinforced arm
- UNDERCARRIAGE
- · Rear dozer blade Rear outriggers
- Front dozer blade + rear outriggers • Front outriggers + rear dozer blade

- Front outriggers + rear outriggers
 - Right tool box

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

• Twin tire 11:00-20

ATTACHMENT

- · Parts for hammer and crusher
- · Hammer and crusher piping
- Assist piping
- · Clamshell piping Quick coupler piping

OTHERS

- · Hose rupture valve (boom) with
- overload warning device
- Hose rupture valve (arm)
- Pre-cleaner · Fuel double filter

Biodegradable oil

- · High-performance full flow filter
- (with restriction indicator) • Electric fuel refilling pump
- Large-capacity battery





Comparative information based on current Japan domestic model.
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, go through Operator's Manual for proper operation.

Head Office: 5-1 Koraku 2-chome, Bunkyo-ku, Tokyo 112-8563, Japan

Telephone: 81-3-3830-8050 **Facsimile**: 81-3-3830-8204 **URL**: www.hitachi-c-m.com

KS-E450P 04.07 (KA/KA, MT₃)