HITACHI

Reliable solutions

ZW30/40/80



WHEEL LOADER

Model Code : ZW30-5B / ZW40-5B / ZW80-5B

Max. Engine Power : ZW30 $_{-5B}$: 17.9 kW (24.0 HP) / ZW40 $_{-5B}$: 29.3 kW (39.3 HP) / ZW80 $_{-5B}$: 47 kW (63 HP) Operating Weight : ZW30 $_{-5B}$: 2 885 - 3 205 kg / ZW40 $_{-5B}$: 3 430 - 3 760 kg / ZW80 $_{-5B}$: 5 090 - 5 790 kg

Bucket ISO Heaped : ZW30_{-5B} : 0.40 m³ / ZW40_{-5B} : 0.50 m³ / ZW80_{-5B} : 1.0 m³

NO COMPROMISE

Offering exceptional levels of performance without compromising on efficiency, Hitachi ZW-5 wheel loaders are designed to satisfy the requirements of the global construction industry.

Designed to be reliable, durable and versatile for a variety of job sites, and to operate with low levels of fuel consumption, they incorporate the high-quality engineering for which Hitachi is renowned.

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DEMAND PERFECTION

Designed and built with an emphasis on the environment, operator comfort and safety, the ZW-5 wheel loaders have been developed to aim the perfection. They incorporate industry-leading technology created in Japan to meet the highest standards for performance at the lowest possible costs of ownership.



Innovative technology

HN Bushings impregnated with high viscosity oil extend lubrication period to 500 hours on linkage pins



Low running costs

Eco Mode provides a fuel efficient setting resulting in better fuel economy (ZW80-5B)





Smooth operation Conventional Differential for both axles installs



Enhanced durability

Wrap-around counterweight lowers center of gravity increasing stability

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FIRST FOR RELIABILITY

Renowned for reliability, Hitachi ZW-5 wheel loaders achieve exceptional levels of performance and efficiency with minimum downtime. The ZW30_{-5B} / ZW40_{-5B} / ZW80_{-5B} have been designed with several user-friendly features that ensure quick and easy maintenance, and also contribute to lower running costs.

Minimal downtime

The battery compartment can be accessed easily for maintenance and battery replacement. This results in minimal downtime and a high level of accessibility.

Quick access

Daily maintenance is simplified with the wide-open engine cover and low-profile counterweight. The engine cover can be opened at a touch and held with a gas damper for quick inspection, replacement, and replenishment.

Easy maintenance

Radiator and oil cooler are located side by side for easy maintenance.

Improved fuel efficiency

The ZW-5 demonstrates greater fuel efficiency than the previous model during V-shape loading and load and carry operations. This results in considerable savings for running costs.

Reduced cost

The new U.S. EPA Tier 4 Final certified engine* does not require a diesel particulate filter, which further reduces fuel consumption and maintenance costs. *ZW40-5B, ZW80-5B



Easy access to the engine compartment.





The final pre-delivery inspection procedure for each Hitachi wheel loader is typical of Hitachi's dedication to manufacturing products of unfailing quality in response to customer needs.



DEDICATED TO COMFORT AND SAFETY

*ZW30-sB and ZW40-sB is non-suspension seat.

Industry-leading cab visibility, low noise level, and easily access to the walk-through type cab ensure the ZW30_{-5B} / ZW40_{-5B} / ZW80_{-5B} are class leaders in operator comfort.



*ZW30-5B: Analog monitor

Excellent visibility

- Pillarless design offers unobstructed visibility.
- Front floor to ceiling windows.
- Cab enables panoramic views via addition of a lower window.
- LED working lights (F/R) for better visibility.

Low noise level in cab

The cab is sound insulated with integrating a highly sealed design. New low-noise engine and rubber-mounted operator frame and hydraulics, contribute to reduced decibel levels.

Comfortable seat to reduce fatigue

A comfortable seat to relieve operator fatigue has been adopted.

The seat absorbs unpleasant vibrations, reduces psychological and physical burdens, and reduces fatigue due to long time operation.

 $ZW30_{\mbox{-}5B}$ / $ZW40_{\mbox{-}5B}$: Seat vinyl, covered, adjustable for fore-aft position backrest tilt, standard.

ZW80-5B: Suspension Seat with vinyl for canopy and favlic for cab, standard.

Walkthrough type cab

The walkthrough type cab allows for easy access from either side. The flat floor enables easy cleaning.
*ROPS/FOPS cabin is optional.

INCREDIBLE VERSATILITY

ZW-5 wheel loaders are often described as a perfect fit by Hitachi customers, which illustrates their versatility for a wide range of applications and job sites. In addition, they are smooth and efficient to operate, and offer increased productivity and greater fuel efficiency.

Efficient flexibility

Switch attachments from the comfort of your canopy or cab with optional pinon type Quick Coupler, which enables the rapid and seamless replacement of working tools.

High efficiency

Conventional Differential for both axles are standard on.

Superior performance

Rear axle oscillation provides a stable, comfortable ride for the operator, easily conforming to various terrains.







(i) Hitachi conducts user tests in Japan to assess the features of its wheel loaders. Results have revealed an unrivaled level of control.

INDUSTRY-LEADING

To set industry-leading standards in terms of performance, reliability, comfort and safety, the ZW30-5B / ZW40-5B / ZW80-5B have been built using components of the highest quality. Its clever design offers 360° visibility from the cab and ensures it is one of the quietest wheel loaders in its class. * Compared to previous model.

Reduced emission

Cutting-edge technology not only helps the environment, but also complies with U.S. EPA Tier 4 Final emission regulations (ZW40-5B, ZW80-5B).

Easy access

Handrails and large steps mounted on both the left and right of the operator's station provide safety and easy access to the cab.

Excellent security

The control lever and auxiliary function levers lock for safety, while the fuel cap and engine cover can be locked with the engine key.

Improved comfort

Sound insulation has been improved in the cab to significantly reduce noise levels and provide a quieter working environment for operators. The lownoise engine also results in a quieter performance, which makes it suitable for working in urban areas.

UNIQUE TECHNOLOGY

Advanced technology developed by Hitachi is at the heart of the ZW-5 wheel loaders. It has an impact on everything, from the wheel loader's environmental performance to the comfort and safety of its operator. A technology-led approach enables Hitachi to meet the evolving needs of the construction industry, and improve the experience of its customers.

Reduced maintenance

A new U.S. EPA Tier 4 Final certified engine* contains a high-volume cooled exhaust gas recirculation (EGR) system, a common rail-type fuel injection system and a diesel oxidation catalyst (DOC). This helps to reduce fuel costs and maintenance requirements.

*ZW40-5B, ZW80-5B

Smaller environmental impact

Eco Mode helps to prevent fuel waste and exhaust emissions without affecting productivity (ZW80.5B).

Optimum performance

The Throttle Limit Control reduces tire slippage, especially in wet and slippery conditions such as snow removal, dairy, and agriculture, saving on tire wear and tear (ZW80-5B).

Precise control

The inching/ brake pedal provides smooth deceleration and natural braking for precise operations at low speeds. The HST brake provides smooth startup on slopes and excellent traction at all speed ranges.

Smooth operation

ZW30- $_{5B}$, ZW40- $_{5B}$ and ZW80- $_{5B}$ are easy to maneuver thanks to the HST control system. The operator can choose between two work modes according to the task and terrain, and it enables a smooth transition between speeds.



REDUCING THE TOTAL COST OF OWNERSHIP



Hitachi has created the Support Chain after-sales program to ensure optimum efficiency, as well as minimal downtime, reduced running costs and high resale values.

Parts and remanufactured components

Hitachi offers different lines of parts and components to suit your specific needs. In addition to our range of genuine parts, there are other options available:

- For that highly demanding application or climate, Hitachi provides a line of parts with extra performance.
- When you are looking for an economical solution for preventive replacements, remanufactured components are the best ontion

Whatever choice you make, you can be assured of the renowned Hitachi quality and warranty to give you added peace of mind. Your Hitachi dealer can supply you with more details on each of the above parts lines.

Technical support

The professional and highly trained Hitachi service team combines the global expertise and knowledge of Hitachi Construction Machinery with your local language and culture. We take a proactive approach towards customer service by continuously training our dealer personnel, so that the available global knowledge is passed on to each individual technician in our dealer network.





BUILDING A BETTER FUTURE

Established in 1910, Hitachi, Ltd. was built upon a founding philosophy of making a positive contribution to society through technology. This is still the inspiration behind the Hitachi group's Reliable solutions that answer today's challenges and help to create a better world.

Hitachi, Ltd. is now one of the world's largest corporations, with a vast range of innovative products and services. These have been created to challenge convention, improve social infrastructure and contribute to a sustainable society.

Hitachi Construction Machinery Co., Ltd. (HCM) was founded in 1970 as a subsidiary of Hitachi, Ltd. and has become one of the world's largest construction equipment suppliers. A pioneer in producing hydraulic excavators, HCM also manufactures wheel loaders, rigid dump trucks and special application machines at state-of-the-art facilities across the globe.

Incorporating advanced technology, Hitachi construction machinery has a reputation for the highest quality standards. Suitable for a wide range of industries, it is always hard at work around the world – helping to create infrastructure for a safe and comfortable way of living, developing natural resources and supporting disaster relief efforts.

Hitachi ZW wheel loaders are renowned for being reliable, durable and versatile – capable of delivering the highest levels of productivity under the most challenging of conditions. They are designed to provide owners with a reduced total cost of ownership, and operators with the ultimate level of comfort and safety.

SPECIFICATIONS

ENGINE		ZW30- _{5B}	ZW40- _{5B}	ZW80- _{5B}	
Model		KUBOTA "D1703-M-DI-E4B" diesel engine	KUBOTA "D1803-CR-TIE4B" diesel engine	DEUTZ "TD2.9L4" diesel engine	
Туре	4-cycle, water-cooled, direct injection		led, direct injection	4-cycle, water-cooled, direct injection, with turbocharged	
No. of cylinders			4		
Maximum power	ISO14396	18.2 kW at 2 200 min ⁻¹	29.6 kW at 2 200 min ⁻¹	49 kW at 2 200 min ⁻¹	
•	SAE J1349	17.9 kW at 2 200 min ⁻¹	29.3 kW at 2 200 min-1	47 kW at 2 200 min-1	
Bore and stroke		87 mm × 102 mm	87 mm × 102 mm	92 mm × 110 mm	
Piston displacement	n displacement 1.65 L 1.83 L		1.83 L	2.93 L	
Batteries		1 × DC 12V 64Ah 565CCA	1 × DC 12V 70Ah 735CCA	1 × DC 12V 92Ah 680CCA	
Air cleaner		Dry type (Double element)	Two element dry type with restriction indicator		

POWER TRAIN		ZW30- ₅₈	ZW40- _{SB}	ZW80- _{5B}		
Transmission controls		Hydrostatic transmission (HST) automatically controls power and 2-speed				
Travel speed Forward 1st		7.0 km / h	7.0 km / h	12.0 km / h		
_	2nd	15.0 km / h	15.0 km / h	34.0 km / h		
Travel speed Reverse	1st	7.0 km / h	7.0 km / h	12.0 km / h		
_	2nd	15.0 km / h	15.0 km / h	34.0 km / h		

AXLE AND FINAL DRIVE	ZW30- _{5B}	ZW40- _{5B}	ZW80- ₅₈					
Drive system		Four - wheel drive system						
Front & rear axle	Semi - flo	Semi - floating type						
Front		Fixed to the front frame						
Rear	Trunnion	support	Center pivot					
Oscillation angle	Total 16° (±8°)	Total 16° (±8°)	Total 22° (±11°)					
Final drives	Heavy-duty, planeta	Heavy-duty, planetary final drive						

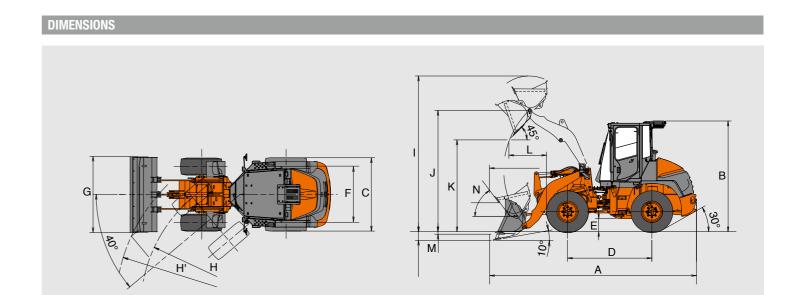
TIRES	ZW30- _{5B}	ZW40- _{5B}	ZW80- _{5B}
Standard	12.5 / 70 - 16 6PR (L2)	15.5 / 60 - 18 8PR (L2)	17.5 / 65 - 20 10PR (L2)

BRAKES	ZW30- ₅₈	ZW40- _{5B}	ZW80- ₅₈				
Parking brake		Spring applied, hydraulically released wet disc					
Service brake	Wet discs in red	Inboard mounted fully hydraulic wet disc					

STEERING SYSTEM	ZW30- ₅₈	ZW40- _{5B}	ZW80- ₅₈					
Туре		Articulated frame steering						
Steering angle	Each direction 41°; total 82°	Each direction 41°; total 82°	Each direction 40°; total 80°					
Cylinders		Double-acting piston type						
No. x Bore x Stroke	1 × 55 × 228 mm	1 × 60 × 228 mm	2 × 45 mm × 340 mm					
Steering mechanism	Full hydraulic power stee	Double acting piston						

HYDRAULIC SYSTEM	ZW30- ₅₈	ZW40- _{5B}	ZW80- _{5B}		
	Arm and	bucket are controlled by mechanical single controlled	trol lever		
Relief pressure setting	20.6 MPa	20.6 MPa	20.6 MPa		
Hydraulic cycle times Arm raise	5.0 s	5.0 s	5.0 s		
Arm lower	3.0 s	3.0 s	3.5 s		
Bucket dump	1.0 s	1.0 s	1.0 s		
Filters		Full-flow 10 micron return filter			

SERVICE RIFILL CAPACITIES	ZW30- ₅₈	ZW40- ₅₈	ZW80- ₅₈
Fuel tank	42 L	42 L	82 L
Engine coolant	4.5 L	6.5 L	15 L
Engine oil	5.6 L	7.6 L	9 L
Front axle differential & wheel hubs	4.5 L	4.5 L	6 L
Rear axle differential & wheel hubs	4.5 L	4.5 L	6 L
Hydraulic reservoir tank	27 L	27 L	72 L



				ZW3	30- _{5B}	ZW4	10- _{5B}	ZW8	0- _{5B}
Bucket type				General purpose (Stock pile)	Quick coupler	General purpose (Stock pile)	Quick coupler	General purpose (Stock pile)	Quick coupler
	Bolt-on cutting edge								
Bucket capacity	ISO heaped	d	m³	0.40	0.40	0.50	0.50	1.0	1.0
Bucket Capacity	ISO struck		m³	0.40	0.38	0.44	0.42	0.73	0.73
A Overall length			mm	4 150 4 290		4 445	4 585	5 235	5 395
B Overall height, bucke	t on around	up to cab** top	mm	2.5	515	2.5	595	28	90
D Overall Height, bucke	t on ground	up to canopy*** top	p mm	2 4	85	2.5	665	28	60
C Width over tires			mm	1.5	605	1.6	660	1 9	20
D Wheel base			mm	1 7	'80	1.8	350	2 2	00
E Ground clearance			mm	25	55	29	95	340	
F Tread mm		mm	1 1	80	1 2	260	1 470		
G Bucket width			mm	1.5	570	1.6	690	1 990	
H Turning radius (cer	nterline of ou	tside tire)	mm	3 1	25	3 1	125	3 795	
H'Loader clearance r	adius, bucket	in carry position	mm	3 550	3 605	3 740	3 785	4 475	4 540
I Overall operating I	neight		mm	3 420	3 510	3 815 3 885		4 070	4 170
J Height to hinge pin	n, fully raised		mm	2 685		3 030		3 165	
K Dump clearance 4	5 degree, ful	ll height	mm	2 155	2 060	2 445	2 350	2 500	2 390
L Reach, 45 degree	dump, full he	eight	mm	770	870	800	895	880	990
M Digging depth (ho	rizontal diggi	ng angle)	mm	40		50		65	
N Max. roll back at o	arry position		deg	5	3	54		53	49
	cab**	Straight	kg	2 090	1 985	2 500	2 200	3 820	3 440
Okali a kinanina a la anik	cab	Full turn	kg	1 770	1 680	2 050	1 800	3 385	3 035
Static tipping load*	***	Straight	kg	1 840	1 750	2 200	1 950	3 615	3 250
	canopy***	Full turn	kg	1 560	1 480	1 800	1 600	3 205	2 865
Breakout force			kN	29.3	24.9	35.8	29.3	46.5	36.8
Operating weight		cab**	kg	3 125	3 205	3 670	3 760	5 305	5 465
Operating weight		canopy***	kg	2 885	2 965	3 430	3 520	5 090	5 250

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Notes: 1. All dimensions, weight and performance data based on ISO 6746-1:1987, ISO 7131:1997 and ISO 7546:1983

2. Static tipping load and operating weight marked with * include ZW30-se: 12.5 / 70 - 16 6PR (L2) , ZW40-se: 15.5 / 60 - 18 8PR (L2) and ZW80-se: 17.5 / 65 - 20 10PR (L2) tire (no ballast) with lubricants, coolant, full fuel tank and operator.

3. **ROPS / FOPS cab

4. ***ROPS / FOPS / canopy

SPECIFICATIONS

DIMENSIONS E Dimensions and shapes of the attachment are for reference only. Please consult your Hitachi dealer for detail.

F			ZW80- _{5B}					
Fork type			Cab	Canopy				
A Fork tine length		mm	1 (070				
B Reach @ ground lev	vel .	mm	8	80				
C Maximum reach		mm	1	410				
D Reach @ maximum	hinge pin height	mm	7	55				
E Fork height @ maxir	num reach	mm	1 465					
F Fork height @ maximum hinge Pin Height mm		mm	3	165				
	Straight tip load with level arms and fork (load centered @24")		2 860	2 700				
Full turn tip load with fork (load centered		kg	2 420	2 270				
Maximum operating	load	kg	1-	440				
Fork attachment we	eight	kg	3	25				
Operating weight		kg	5 730 **	5 515 ***				
G	Length	mm	5.8	865				
Overall H	Height	mm	2 890	2 860				
I Fork width		mm	1:	520				
J Turning radius mm		mm	3.	795				
K Loader clearance ra	dius, fork in carry position	mm	4 !	570				

Notes: 1. All dimensions, weight and performance data based on ISO 6746-1:1987, ISO 7131:1997 and ISO 7546:1983

2. Static tipping load and operating weight marked with * include 17.5 / 65 - 20 10PR: ZW80-se tires (no ballast) with lubricants, coolant, full fuel tank and operator.

3. **ROPS / FOPS cab

4. ***ROPS / FOPS / canopy

BUCKET SELECTION CHART %=Bucket Fill Factor 100% 95% ZW30 -5B Bucket Material density kg/m ³ capacity m³ 1 200 1 400 1 600 1 800 2 000 2 200 Standerd lift with general purpose bucket with bolt-on cutting edge 0.40 Standerd lift with pin-on quick-coupler 0.40 110% 100% 95% %=Bucket Fill Factor ZW40 -5B Bucket Material density kg/m ³ capacity 1 200 1 400 1 600 2 000 2 200 Standerd lift with general purpose bucket with bolt-on cutting edge 0.50

ZW80 -5B										%=Bucket Fill	Factor	11070	100% 93%
	Bucket capacity												
	m³	1 200		1 40	0	16	500	18	800	2 00	00		2 200
Standerd lift with general purpose bucket with bolt-on cutting edge	1.0					I							
Standerd lift with pin-on quick-coupler	1.0												

%=Bucket Fill Factor 110% 100% 95%

0.50

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Standerd lift with pin-on quick-coupler

EQUIPMENT

ZW30-5B / ZW40-5B
- Not applicable

OPERATOR'S STATION	ZW30- _{5B}	ZW40- _{5B}
ROPS (ISO3471), FOPS (ISO3449) cab	0	0
AM/FM/WB radio with AUX input	•	•
Coat hook	•	•
Cup holder	•	•
Front defroster	•	•
Manual control air conditioner	•	•
Rear view mirror		
Inside (1)	•	•
Outside (2)	•	•
Seat, vinyl covered, adjustable for fore-after position, backrest tilt	•	•
Sun visor	•	•
Tined safety tempered glass	•	•
Windshield washer front and rear	•	•
Windshield wiper front and rear	•	•
ROPS (ISO3471), FOPS (ISO3449) canopy	•	•
Seat, vinyl covered, adjustable for fore-after position, backrest tilt	•	•
Rear view mirror		
Outside (2)	•	•
Rubber floor mat	•	•
Seat: Retractable seat belt, 75 mm	•	•
Steering wheel with spinner knob	•	•

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COOLING SYSTEM	ZW30- _{5B}	ZW40-5B
Fan guard	•	•
Radiator		
Dust screen	•	•
Radiator reserve tank	•	•
Side-by-side radiator and oil cooler	•	•

LIGHTS	ZW30- _{5B}	ZW40- _{5B}
Brake & tail lights	•	•
Clearance lights	•	•
Headlights	•	•
Work lights (LED type only for cab)		
Front light (2)	•	•
Rear light (2)	•	•

POWER TRAIN	ZW30- _{5B}	ZW40- _{5B}
Differential		
Conventional type for both axles	•	•
Electrically controlled HST system	•	•
Forward/Reverse lever	•	•
Travel mode selector switch (L - H)	•	•

ENGINE	ZW30- _{5B}	ZW40- _{5B}
Air filter double elements	•	•
Air intake	•	•
Cartridge-type engine oil filter	•	•
Cartridge-type fuel main filter	•	•
Cartridge-type fuel pre-filter with water separator	•	•
Engine oil remote drain	•	•
Glow plugs	•	•
MONITORING SYSTEM	ZW30-5B	ZW40-5B
Gauge: coolant temperature, fuel	•	•
Indicator lights: turn signal, discharge warning, preheat	•	-
: turn signal, work lights, clearance lights, discharge warning preheat	-	•
LCD monitor display : F - N - R / Shift position, speedometer, hour meter, time, coolant temperature, fuel	-	•
Analog monitor display: F - N - R / Shift position, hour meter, time, coolant temperature, fuel	•	-
Waning lights: parking brake, brake oil level, engine oil, low pressure	•	-
: service indicator, parking brake, brake oil low level, engine warning, overheat engine oil low pressure, air filter restriction, fuel level indicator	-	•

O Optional equipment

..... Standard equipment

BRAKE SYSTEM	ZW30-5B	ZW40-5B
Automatic spring applied/ Hydraulic-released/ wet disk		
type parking brake	•	•

HYDRAULIC SYSTEM	ZW30- _{5B}	ZW40-5B
Bucket auto leveler (Automatic return to dig control)	•	•
Control lever		
for 3 hydraulic function control valve	•	•
single control lever & AUX lever for 3rd function	•	•
Cartridge-type hydraulic main filters	•	•
Cartridge-type HST filters	•	•
Lift arm float system	•	•
Reservoir sight gauge	•	•

TIRES	ZW30- _{5B}	ZW40- _{5B}
12.5 / 70 - 16 PR (L2)	•	-
15.5 / 60 - 18 8 PR (L2)	-	•

MISCELLANEOUS	ZW30-5B	ZW40- _{5B}
Articulation lock bar	•	•
Attachments		
General purpose bucket with bolt-on cutting edge	•	•
Quick coupler (pin-on, mechanical)	0	0
Counterweight	•	•
Drawbar with locking pin	•	•
Fenders	•	•
Innovative HN bushing technology extends lubrication intervals	•	•
Lift & tie down	•	•
Pilfer proof		
Lockable engine cover	•	•
Lockable fuel refilling cap	•	•
Tool with tool bag	•	•

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EQUIPMENT

ZW80-5B

..... Standard equipment

O Optional equipment

ZW80-5B

- Not applicable

OPERATOR'S STATION	
ROPS (ISO3471), FOPS (ISO3449) cab	0
AM/FM/WB radio with AUX input	•
Coat hook	•
Cup holder	•
Front defroster	•
Manual control air conditioner	•
Rear view mirror	
Inside (1)	•
Outside (2)	•
Seat: Long stroke suspensiont seat with fabric	•
Sun visor	•
Tined safety tempered glass	•
Windshield washer front and rear	•
Windshield wiper front and rear	•
ROPS (ISO3471), FOPS (ISO3449) canopy	•
Seat: Long stroke suspension with vinyl	•
Rear view mirror	
Outside (2)	•
Rubber floor mat	•
Seat: Retractable seat belt, 75 mm	•
Steering wheel with spinner knob	•

ELECTRICAL SYSTEM	_
Backup alarm	•
Batteries	
Standard batteries (92Ah - 680A)	•
Battery disconnect switch	•

COOLING SYSTEM	
Fan guard	•
Radiator	
Side-by-side radiator and oil cooler	•
Dust screen	•
Radiator reserve tank	•

LIGHTS	
Brake & tail lights	•
Clearance lights	•
Headlights	•
Turn signals with hazard switch	•
Work lights (LED type, only for cab)	
Front light (2)	•
Rear light (2)	•
Work lights (LED type for canopy)	
Rear light (2)	•
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POWER TRAIN	
Differential	
Conventional type for both axles	•
Electrically controlled HST system	•
Forward/Reverse lever	•
Travel mode selector switch (L - H)	•

ir filter double elements	•
ir intake	
Rain cap	•
Cartridge-type engine oil filter	•
Cartridge-type fuel main filter	•
Cartridge-type fuel pre-filter with water separator	•
ingine oil remote drain	•
Glow plugs	•
hrottle limit switch	•

O Optional equipment

- Not applicable

..... Standard equipment

MONITORING SYSTEM	
Gauge: coolant temperature, fuel	•
Indicator lights: turn signal, high beam, work lights, clearance lights, discharge warning, preheat	•
LCD monitor display: F - N - R / Shift position, speedometer, hour meter, odometer, replacement intervals	•
Warning lights: service Indicator, parking brake, brake oil low level, engine warning, overheat, engine oil low pressure, air filter restriction, HST warning	•

BRAKE SYSTEM		
Automatic spring applied / Hydraulic-released / wet disk type parking brake	•	
Inboard mounted fully hydraulic wet disc	•	

Bucket auto leveler (Automatic return to dig control)	•
Control lever	
for 3 hydraulic function control valve	•
single control lever & AUX lever for 3rd function	•
Control lever lock lever	•
Cartridge-type hydraulic main filters	•
Cartridge-type HST filters	•
ift arm float system	•
Quick coupler plumbing	0
Quick coupler lever	0
Reservoir sight gauge	•

TIRES	
17.5 / 65 - 20 10PR (L2)	•

MISCELLANEOUS	
Articulation lock bar	•
Attachments	•
General-purpose bucket with bolt-on cutting edge	•
Quick coupler (pin-on, hydraulic)	0
Fork (pin - on, hydraulic / quick-coupler)	0
Counterweight	•
Drawbar with locking pin	•
Fenders	•
Innovative HN bushing technology extends lubrication intervals	•
Lift arm	
Standard lift arm	•
Lift & tie down hooks	•
Pilfer proof	
Lockable engine cover	•
Lockable fuel refilling cap	•
Tool with tool bag	•

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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 ZW

Hitachi makes a green way to cut carbon emissions for global warming prevention according to LCA*. New ZW utilizes many technological advances, including the new standard mode which optimizes fuel efficiency. Hitachi has long been committed to recycling of components, such as aluminum parts in radiators and oil coolers. Resin parts are marked for recycling.



Before using a machine with a satelile or tele-communication system, please make sure that the satelile or tele-communication system complies with local regulations, safety standards and legal requirements. If not so, please make modifications accordingly.

Illustrations and photos show the standard models, and may or may not include optional equipment, accessories, customer installed and modified parts, optional parts and all standard equipment with some differences in colour and features.

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

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