

**ZW-6 series**

**HITACHI**

**ZW550**

**Reliable solutions**



## **WHEEL LOADER**

**Model:** ZW550-6

**Engine rated power:** 512 hp/382 kW (ISO14396)

**Operating weight:** 103,750–104,570 lb (46,390–47,430 kg)

**Bucket ISO heaped:** 8.2–9.0 yd<sup>3</sup> (6.3–6.9 m<sup>3</sup>)



# ZW550-6. NO COMPROMISE

Ideal for mining and quarrying, the new ZW-6 large wheel loaders have been designed to be exceptionally reliable and durable. They are built to deliver the highest levels of productivity in the most challenging working conditions.

Manufactured using market-leading technology and high-quality components, the ZW550-6 also offers excellent performance without compromising on efficiency, thanks to low levels of fuel consumption.



**6. RENOWNED RELIABILITY**



**8. UNDENIABLE DURABILITY**



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# DEMAND PERFECTION

Designed with an emphasis on operator comfort and safety, and the environment, the ZW550-6 has been developed to perfection. It incorporates innovative technology and industry-leading engineering to deliver exceptional productivity at the lowest possible cost of ownership.



## **Powerful performance**

Quick power switch increases engine output when required.



## **Industry-leading safety**

360° visibility from the cab.



## **Quiet operation**

Reduced noise levels inside the cab.



## **Easy to operate**

Multifunctional monitor shows information at a glance.



## **Smooth operation**

Ride control minimizes machine pitching.



## **Strong components**

Full box rear frame is a robust structure for heavy applications.



**Durable design**

Low mount lift arm cylinder prevents twisting of the front frame.

**Low emissions**

SCR system without DPF reduces NO<sub>x</sub> from exhaust gas.

**Environmentally friendly**

More than 90% of parts are recyclable.

**Improved fuel efficiency**

Lock-up transmission and Tier 4 Final-compliant engine.

**Convenient access**

Easy-to-open wide engine covers.

**Superior comfort**

Spacious cab with several storage compartments.

**User-friendly**

Effortless control with the optional Joystick Steering System.

# RENOWNED RELIABILITY

Hitachi construction machinery is synonymous with reliability. The latest range of ZW-6 large wheel loaders are designed to operate reliably for long periods in busy mines and quarries. Easy to maintain, they have high levels of accessibility and minimal downtime.

## Quick access

The engine covers open fully for the convenience of technical support. The urea tank is also located for safe and easy access from ground level. These help to ensure routine maintenance is completed quickly to ensure a reliable performance.

## Improved fuel efficiency

The lock-up transmission has improved the fuel efficiency of the ZW550-6, which reduces running costs.

## Easy maintenance

For safer and easier maintenance, the battery disconnect switch is now standard. This helps to avoid electrical accidents

and retain battery energy during long-term storage.

## Reduced costs

The new Tier 4 Final-compliant engine does not require a diesel particulate filter, which further reduces fuel consumption and maintenance costs.

## Reliable performance

The lift arm contributes to the reliable performance of the ZW550-6. Its speed has been improved and it lowers smoothly for increased productivity. It is easy to control using the auto leveller.



Easy access to the engine compartment.





The battery is easy to maintain.



Tier 4 Final engine reduces fuel consumption.





New rear grill protects radiator compartment.



Durable radiators are corrosion resistant.





**i** Hitachi wheel loaders are tested extensively in job site conditions around the world, in extreme temperatures.



# UNDENIABLE DURABILITY

Mines and quarries are tough working environments for construction machinery, and demand the utmost reliability and durability. The latest range of ZW-6 wheel loaders has been designed and engineered to meet these needs, with a variety of reinforced components, strengthened features and enhanced protection.



The optional belly guard provides added protection.



## Increased protection

The newly designed rear grill prevents raw material from the job site entering the radiator compartment. This provides greater protection.

## Durable materials

High-quality radiators improve resistance to corrosion and enhance the overall durability of the ZW550-6 wheel loader.

## Robust design

The ZW550-6 has been designed with a full box rear frame. This provides a robust structure that is capable of handling the rigors of heavy applications.

## Additional reinforcement

The optional front belly guard protects the machine powertrain and driveshaft from potential damage caused by materials on the ground.

## Strong structure

The low mount lift arm cylinder on the ZW550-6 creates a strong structure that guards against twisting of the front frame.

## Efficient cooling

The reversible cooling fan, activated manually or automatically every 30 minutes, ensures that the radiator stays clean during operation.



# POWERFUL VERSATILITY

The ZW550-6 has been designed with several features that enhance efficiency and safety, which makes it suitable for working on a variety of job sites. It is easy to manoeuvre, smooth to operate and user-friendly, and offers high productivity thanks to a powerful digging force, and substantial lifting and loading capacity.

## Improved fuel economy

An auto power up function increases engine rpm as the ZW550-6 slows down when travelling uphill. This enhances its overall fuel economy by ensuring a shorter uphill journey time.

## Efficient flexibility

The quick power switch increases engine output when more power is instantly required, or when driving uphill.

## Effective control

To ensure a smooth drive on all kinds of terrain, the ride control feature prevents unnecessary pitching via the movement of lift arm cylinders.

## High productivity

The simultaneous movement of the bucket and lift arm ensures a smooth digging operation. The bucket is prioritized after unloading so that the wheel loader quickly returns to digging, which helps to increase productivity.



Auto power up function helps to enhance fuel economy.





The ride control feature ensures a smooth performance.



The quick power switch increases power when required.





The comfortable cab offers excellent all-round visibility of the job site.



Flow control system ensures smooth movement of the lift arm.



**i** The final checking and inspection procedure for each Hitachi wheel loader is typical of Hitachi's dedication to manufacturing products of unfailing quality in response to customer needs.



## QUALITY BUILT-IN

Hitachi ZW-6 large wheel loaders are at the forefront of the industry in terms of comfort, safety and quality. They offer the best all-round visibility and are among the quietest on the market. Incorporating the finest design elements and superior components, the ZW550-6 is the epitome of quality engineering.

### Reduced emissions

A selective catalytic reduction (SCR) system injects urea into exhaust gas to reduce nitrogen oxide from emissions. This cutting-edge technology not only helps the environment, but also complies with Tier 4 Final emission regulations.

### Improved comfort

The flow control system ensures the smooth movement of the lift arm when lowering. This means less pitching and a more comfortable experience for the operator.

### Excellent visibility

The 360° panoramic view of the spacious cab creates a comfortable working

environment, and helps to increase safety and productivity. The rear-view camera, in combination with the unique two-piece counterweight, also contributes to excellent all-round visibility and safety on the job site.

### Low-noise performance

To reduce noise levels in the cab, sound insulation has been improved. As a result of this and the low-noise engine, operators can enjoy a quieter working environment.

### User-friendly operation

The optional Joystick Steering System enables operators to reach high levels of productivity with effortless steering, and incorporates a number of useful functions.



# SUPERIOR TECHNOLOGY

Hitachi ZW-6 large wheel loaders are driven by unique technology, incorporating innovative features, state-of-the-art software and advanced components. In this way, they deliver high levels of productivity and efficiency, as well as low running costs, and meet the evolving needs of North American customers.

## **Reduced maintenance**

A new Tier 4 Final-compliant engine contains a high-volume cooled exhaust gas recirculation (EGR) system, a common rail-type fuel injection system and a diesel oxidation catalyst (DOC) without DPF. This helps to reduce fuel costs and maintenance requirements.

## **Fewer emissions**

The after-treatment device with integrated silencer is designed to reduce emissions as well as noise levels. It features a DOC, urea mixing pipe and SCR system. An indicator on the monitor shows the operator when the urea tank needs refilling.

## **Multifunctional display**

A large LCD color monitor shows all the information required to operate the Hitachi ZW-6 wheel loader. This includes power modes, oil temperature, and fuel and urea levels, which is useful for easy maintenance. It also includes the display for the easy-to-use rear camera, which enhances visibility for a safe operation.

## **Smaller environmental impact**

The standard auto shutdown feature helps to prevent fuel waste, as well as reduce noise levels, exhaust emissions and NOx levels of the ZW550-6 wheel loader.

## **Remote monitoring**

Global e-Service allows ZW550-6 owners to monitor their Hitachi machines remotely via Owner's Site (24/7 online access) and ConSite (an automatic monthly report). These help to maximize efficiency, minimize downtime and improve overall performance.

## **Smooth operation**

Further improvements to the transmission make it easier to change gears and result in a more comfortable operation. The traction control system prevents slippage during digging and this helps to reduce tire wear and enhances fuel efficiency.





The LCD monitor shows the machine's status and settings.



The urea tank is located for safe and easy access from ground level.



The SCR system reduces emissions and noise levels.



# REDUCING THE TOTAL COST OF OWNERSHIP



**SUPPORT CHAIN**

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.

## **Global e-Service**

Hitachi has developed two remote monitoring systems as part of its Global e-Service online application. Owner's Site and ConSite are an integral part of the wheel loader, which sends operational data daily via GPS or satellite to [www.globaleservice.com](http://www.globaleservice.com). This allows immediate access to the Owner's Site, and the vital information that is required for support on job sites.

Comparing the ratio of operating and non-operating hours helps to enhance efficiency. Effective management of maintenance programs helps to

maximize availability. Running costs can also be managed by analyzing the fuel consumption. The location and movements of each machine are clearly displayed for essential planning.

An automatic service report – ConSite – sends a monthly email summarizing the information from Global e-Service for each machine. This includes: daily working hours and fuel consumption data; statistics on the operating mode ratio, plus a comparison for fuel consumption/efficiency, and CO<sub>2</sub> emissions.

## **Technical support**

Each Hitachi service technician receives full technical training from HCMA in the USA. These sessions provide access to the same technical knowledge available within the Hitachi quality assurance departments and design centers. Technicians combine this global expertise with the local language and culture of the customer to provide the highest level of after-sales support.





Global e-Service

Technical support

Hitachi Parts

## Extended warranty and service contracts

Every new Hitachi ZW-6 model is covered by a full manufacturer's warranty. For extra protection – due to severe working conditions or to minimize equipment repair costs – Hitachi dealers offer a unique extended warranty called HELP (Hitachi Extended Life Program) and comprehensive service contracts. These can help to optimize the performance of each machine, reduce downtime and ensure higher resale values.

## Parts

Hitachi offers a wide range and a high availability of parts provided by HCMA's US parts warehouse.

- Hitachi Genuine Parts: allow machines to work longer, with lower running and maintenance costs.
- Hitachi Select Parts and Genuine Parts: especially for older machines, they cost less, are of proven quality and come with the manufacturer's warranty.

- Performance Parts: to cope with highly demanding conditions, they have been engineered for greater durability, better performance or longer life.
- Genuine Hitachi rebuilt components are available from HCMA's in-house rebuild center and are offered with a standard warranty.

Whatever the choice, the renowned quality of Hitachi construction machinery is assured.







# 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, crawler cranes 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.

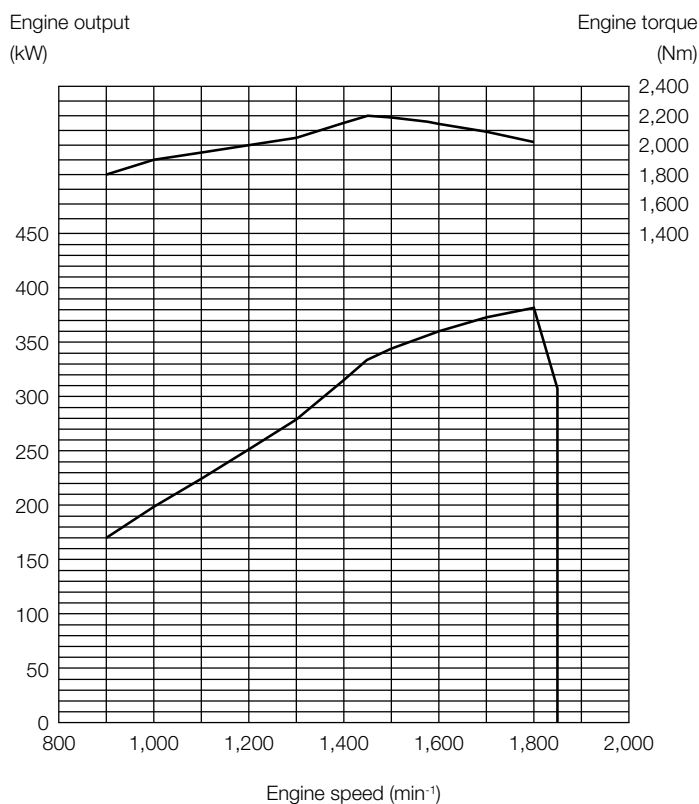
Hitachi ZW wheel loaders are renowned for being reliable, durable and versatile – capable of delivering the highest levels of productivity under the most challenging of conditions. They are designed to provide owners with a reduced total cost of ownership, and operators with the ultimate level of comfort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



# SPECIFICATIONS

## ENGINE

Model .....	Isuzu 6WG1
Type .....	4-cycle water-cooled, direct injection
Aspiration .....	Turbocharger and intercooled
Aftertreatment .....	DOC and SCR system
No. of cylinders .....	6
Maximum power	
ISO 14396 .....	512 hp (382 kW) at 1,800 min <sup>-1</sup> (rpm)
ISO 9249, net .....	509 hp (380 kW) at 1,800 min <sup>-1</sup> (rpm)
Rated power	
ISO14396 .....	512 hp (382 kW) at 1,800 min <sup>-1</sup> (rpm)
Maximum torque .....	2,200 Nm at 1 450 min <sup>-1</sup> (rpm)
Bore and stroke .....	5.8 in x 6.1 in (147 mm x 154 mm)
Piston displacement .....	956.9 in <sup>3</sup> (15.68 L)
Batteries .....	2 x 12 V
Air cleaner .....	Two element dry type with restriction indicator
Emission .....	Complies with EU stage IV and US EPA Tier 4 Final



## POWER TRAIN

Transmission .....	Torque converter, planetary gear type powershift with computer-controlled automatic shift and manual shift features included
Torque converter .....	Three element, single stage, single phase with lock-up clutch
Main clutch .....	Wet hydraulic, multi-disc type
Cooling method .....	Forced circulation type
Travel speed* Forward/Reverse	
1st .....	7.0 (7.1) [7.8 (7.8)] km/h
2nd .....	12.7 (13.3) [12.9 (13.3)] / 14.1 (14.1) [14.1 (14.1)] km/h
3rd .....	20.7 (22.3) [20.7 (22.3)] / 22.6 (24.6) [22.6 (24.6)] km/h
4th .....	35.0 (35.1) [35.0 (35.1)] / - [-] km/h

\*With 35/65 R33 (L5) tires

( ): Data at Lock-up clutch ON

[ ]: Data at Power mode

## AXLE AND FINAL DRIVE

Drive system .....	Four-wheel drive system
Front & rear axle .....	Full-floating
Front .....	Fixed to the front frame
Rear .....	Trunnion support
Reduction and differential gear .....	Two stage reduction with limited slip different
Oscillation angle .....	Total 24° (+12°, -12°)
Final drives .....	Heavy-duty planetary, mounted outboard

## BRAKES

Service brakes .....	Outboard mounted fully hydraulic 4 wheel wet disc brake. Front & rear independent brake circuit
Parking brakes .....	Spring applied, hydraulically released, located in front axle driveline

## STEERING SYSTEM

Type .....	Articulated frame steering
Steering angle .....	Each direction 37°; total 74°
Cylinders .....	Double-acting piston type
No. x Bore x Stroke .....	2 x 3.9 in x 28.3 in (2 x 100 mm x 720 mm)

## HYDRAULIC SYSTEM

Arm and bucket are controlled by 2 levers	
Arm controls .....	Four position valve; Raise, hold, lower, float
Bucket controls with automatic bucket return-to-dig control	
.....	Three position valve; Roll back, hold, dump
Main pump (Serve as steering pump)	
.....	Variable displacement axial plunger pump
Maximum flow .....	100.4 gal/min (380 L/min) at 1,800 min <sup>-1</sup> (rpm)
Maximum pressure ...	31.4 MPa
Fan pump	
.....	Variable displacement axial plunger pump
Maximum flow .....	27.7 gal/min (105 L/min) at 1,800 min <sup>-1</sup> (rpm)
Maximum pressure ...	28.0 MPa
Hydraulic cylinders	
Type .....	Double acting type
No. x Bore x Stroke ...	Arm: 2 x 7.5 in x 5.2 in (2 x 190 mm x 132 mm)
	Bucket: 2 x 6.3 in x 30.2 in (2 x 160 mm x 767 mm)
Filters .....	Full-flow 15 micron return filter in reservoir
Hydraulic cycle times	
Lift arm raise .....	8.5 s
Lift arm lower .....	4.5 s
Bucket dump .....	2.3 s
Total .....	15.3 s

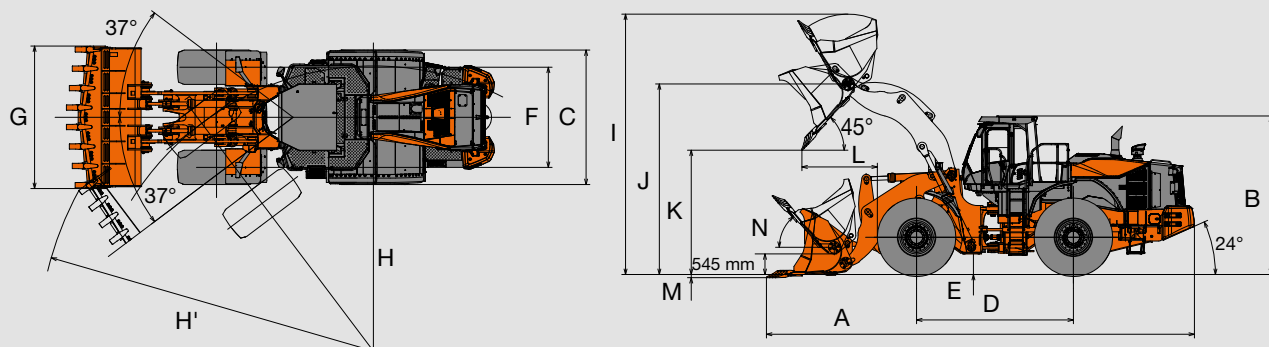
Data at power mode are the same as data at standard mode.

## SERVICE REFILL CAPACITIES

Fuel tank .....	171.2 gal (648 L)
Engine coolant .....	21.7 gal (82 L)
Engine oil .....	15.1 gal (57 L)
Torque converter & transmission .....	23.8 gal (90 L)
Front axle differential & wheel hubs .....	47.6 gal (180 L)
Rear axle differential & wheel hubs .....	47.6 gal (180 L)
Hydraulic oil tank .....	79.3 gal (300 L)
DPE/AdBlue® tank .....	15.1 gal (57 L)



## DIMENSIONS & SPECIFICATIONS



Bucket type			Standard arm		High lift arm
			Rock bucket	General purpose	General purpose
			V-edge	Straight edge	Straight edge
			Weld-on adaptor & teeth/ segment edge	Bolt-on cutting edge	Bolt-on cutting edge
Bucket capacity	ISO heaped	yd <sup>3</sup> (m <sup>3</sup> )	8.2 (6.3)	9.0 (6.9)	9.0 (6.9)
	ISO struck	yd <sup>3</sup> (m <sup>3</sup> )	7.3 (5.6)	7.9 (6.1)	7.9 (6.1)
A Overall length		ft (mm)	37.3 (11,370)	36.2 (11,040)	37.7 (11,510)
B Overall height		ft (mm)		13.7 (4,190)	
C Width over tires		ft (mm)		11.7 (3,570)	
D Wheel base		ft (mm)		13.6 (4,150)	
E Ground clearance		ft (mm)		1.8 (545)	
F Tread		ft (mm)		8.6 (2,650)	
G Bucket width		ft (mm)		12.3 (3,770)	
H Turning radius (centerline of outside tire)		ft (mm)		24.7 (7,545)	
H' Loader clearance radius, bucket in carry position		ft (mm)	28.9 (8,835)	29.1 (8,870)	29.7 (9,055)
I Overall operating height		ft (mm)	29.7 (7,040)	22.7 (6,940)	24.2 (7,385)
J Height to bucket hinge pin, fully raised		ft (mm)	16.5 (5,040)		17.9 (5,480)
K Dumping clearance 45 degree, full height		ft (mm)	10.7 (3,270)	11.5 (3,520)	13.0 (3,965)
L Reach, 45 degree dump, full height		ft (mm)	6.7 (2,045)	5.9 (1,825)	6.3 (1,925)
M Digging depth (horizontal digging angle)		ft (mm)	0.5 (165)	0.4 (135)	0.5 (145)
N Max. roll back at carry position		deg	50		
Static tipping load *	Straight	lb (kg)	71,310 (32,340)	73,200 (33,200)	62,420 (28,310)
	Full 37 degree turn	lb (kg)	60,370 (27,380)	61,980 (28,110)	52,850 (23,970)
Breakout force		lbf (kgf)	83,460 (37,860)	83,460 (37,860)	83,460 (37,860)
		kN	371	371	371
Operating weight*		lb (kg)	104,570 (47,430)	102,270 (46,390)	102,800 (46,630)
Bucket tilt-back angle at ground level		deg	43		

Note: All dimensions, weight and performance data based on ISO 6746-1:1987, ISO 7137:2009 and ISO 7546:1983

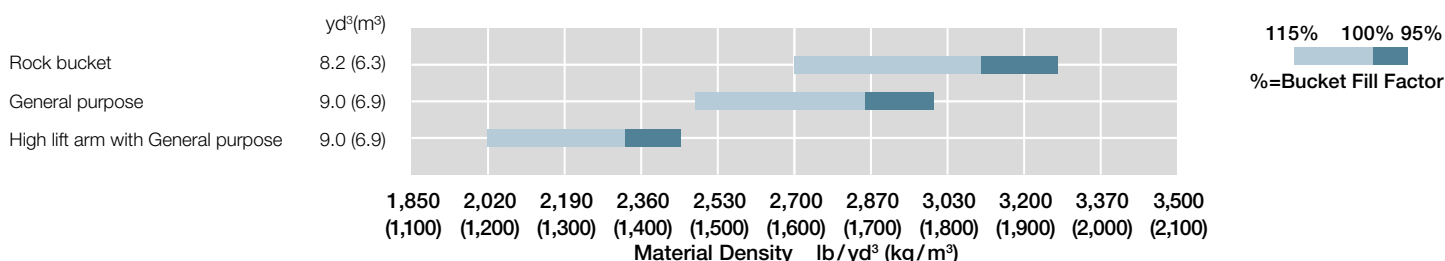
\*: Static tipping load and operating weight marked with\* include 35/65 R33 (L5) tires (No ballast) with lubricants, full fuel tank and operator.

Machine stability and operating weight depend on counterweight, tire size and other attachments.

## WEIGHT CHANGE

Option item		Operating weight lb (kg)	Tipping load lb (kg)		Overall width in (mm) (outside tire)	Overall height in (mm)	Overall length in (mm)
			Straight	Full turn			
Tire	35/65R33(L4)	-1,210 (-550)	-900 (-410)	-750 (-340)	±0	±0	±0
	35/65R33(L5)	±0	±0	±0	±0	±0	±0
	35/65-33-24PR(L4)	-1,210 (-550)	-900 (-410)	-750 (-340)	±0	±0	±0
	35/65-33-24PR(L5)	+290 (+130)	+220 (+100)	+176 (+80)	±0	+55 (+25)	-77 (-35)
Remove ROPS and Cab		-3,110 (-1 410)	-2,870 (-1 300)	-2,430 (-1,100)	±0	-1,380 (-625)	±0
Belly guard (Front and Rear)		+620 (+280)	+350 (+160)	+310 (+140)	±0	±0	±0

## BUCKET SELECTION GUIDE





# EQUIPMENT

## STANDARD EQUIPMENT

### ENGINE

Air cleaner, double element  
Auto idle shut down  
Cold start (glow plug)  
Cooling fan, automatic reversible  
SCR system  
EGR system  
Fuel filter, w/water separator  
Fuel pre-filter, w/water separator  
Isuzu 6WG1 diesel engine  
Pre-cleaner (turbine type)  
VGT (Variable Geometry Turbocharger)  
Work mode selector

### POWERTRAIN

Autobrake  
Brakes, service  
Enclosed wet disc  
Dual system  
Outboard mounted  
Brake, parking  
Spring applied  
Oil pressure released  
Wet disc type  
Differential, conventional type (F/R)  
Down-shift switch  
Drive shafts, low maintenance  
F-R direction selector (joystick steer mounted)  
Lock-up torque converter  
Quick Power switch  
Transmission, automatic w/load sensing system.  
Transmission declutch (3-position L/H/Off)  
Transmission mode selection (3-position AUTO1/MAN/AUTO2)  
Universal joints, sealed

### HYDRAULIC SYSTEM

Boom kick-out, dual (operator adjustable in cab)  
Bucket positioner (horizontal)  
Control lever, dual, pilot-assisted  
Control lever lock (electric)  
Control valve, 2-spool, parallel and tandem control  
Pump, variable displacement, load-sensing  
Steering, pilot, joystick  
System; open-center, high-pressure, load-sensing

### ELECTRICAL

24-volt electrical system  
Back-up alarm  
Batteries (2), 12V, 1,300 CCA  
Battery disconnect switch  
Camera, rear-view  
Converter, 12V/15 Amp  
Horn, dual electric  
Instrument panel, LCD, color  
Lights:  
2 Headlights (halogen)  
2 Forward working lights (halogen)  
4 Rear working lights (halogen)  
2 Stop/tail/backup (LED)  
Turn signal w/4-way flashers/marker

### CAB

ROPS cab: enclosed cab with sound suppression, front & rear wipers and washers, two rear view and side mirrors, tinted glass, front hinge doors, sliding side windows. Outer ROPS  
Accessory outlet, 12v  
Adjustable armrest/console, (fore/aft sliding)  
Air conditioner/heater/pressurizer  
AM/FM/WB radio with AUX input  
Ashtray  
Cab dome lamps (2)  
Cigarette lighter, 24V  
Coat hook  
Cup holder (1) for joystick steering  
Floormat, sweep-out  
Prepped for Loadrite Scale  
Retractable seat belt (3-inch)  
ROPS/FOPS certified  
Seat, deluxe heated w/TLV suspension (DLX8500)  
Front console with grab handle  
Joystick steering  
Storage box (heated/cooled)  
Storage tray  
Sun visor

### OTHERS

Articulation locking bar  
Counterweight  
Drawbar  
Fenders, front, w/mudflap  
Fenders, rear, full, w/mudflap  
Global e-service, telematic monitoring system (GSM-version w/4 yrs. service)  
Ladders, inclined  
Lifting eyes  
Neutral safety start  
Rear grill, hinged  
Steps, rear  
Vandalism protection  
Z-bar loader linkage

### ALARMS, GAUGES, INDICATORS

Alarms (visual & audible)	Aftertreatment device
	Aftertreatment device regeneration system
	Air cleaner element
	Auto brake
	Axle oil temperature
	Battery discharge warning
	Boost temperature rise
	Brake oil low pressure
	CAN network system
	DEF/AdBlue tank level/quality/system
	Engine oil low pressure
	Engine trouble
	Engine warning
	Exhaust gas temperature
Gauges	Fuel filter restriction
	Fuel filter (water in fuel)
	Fuel temperature
	Hydraulic oil level
	Hydraulic oil temperature
	Intake air temperature
	Main pump oil pressure
	Overheat (engine coolant)
	Transmission filter restriction
	Transmission oil pressure
	Transmission oil temp
	Transmission warning
	DEF/AdBlue tank level
	Engine coolant temperature
Indicators	Fuel gauge
	Speedometer
	Tachometer
	Transmission oil temp
	Auto idling stop
	Aftertreatment device regeneration
	Air conditioner display
	Boom kick-out, dual
	Cold start
	Control lever lock
	Declutch
	ECO-Operating Status
	Fan reverse rotation
	F-N-R Selection
F-N-R Switch enable	
High beam	
Joystick steering status	
Parking brake	
Shift hold	
Time/Operating hour/ODO	
Traction Control	
Transmission mode and status	
Turn signal w/4-way flashers/Marker	
Work light	
Work mode (Normal, Power)	

### OPTIONAL EQUIPMENT

Autolube  
Belly guard, transmission  
Bolt-on cutting edge & segments  
Bucket teeth  
Emergency steering  
HID work lights  
High lift boom arm  
Hydraulic system, 3 spool valve  
LED work lights  
Mirrors, heated  
Ride control w/load sensing valve and automatic shut-off  
Single lever hydraulic control w/multifunction grip

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



Lined area for writing the memo.

Hitachi Construction Machinery Co., Ltd. (Hitachi Construction Machinery) was established in 1970, when Hitachi, Ltd. spun off its Construction Machinery Division. Currently, there are 84 companies that comprise the Hitachi Construction Machinery Group providing Reliable solutions for customers in the heavy construction equipment industry. Hitachi Construction Machinery continues to grow as a strong, global, competitive enterprise.

Fast forward to 2010. A joint venture with Hitachi Construction Machinery and Kawasaki Heavy Industries was entered into to further develop the global scope of the wheel loader product line. This relationship combined the huge technological and manufacturing resources of Kawasaki Heavy Industries and Hitachi Construction Machinery Group. This effort has resulted in a very productive, reliable, and cost-effective product.

In 2016 Hitachi Construction Machinery bought 100% of KCM Corporation's stock transitioning to KCMA Corporation. In 2018 Hitachi Construction Machinery took the reins transitioning KCMA Corporation to Hitachi Construction Machinery Loaders America Inc., furthering their commitment to the North American market by introducing the Hitachi brand wheel loader line, offering outstanding parts availability, an unmatched factory component exchange program, customer and dealer training programs, and a wide range of services and programs.

With manufacturing facilities in Banshu, Japan; Ryugasaki, Japan, and Newnan, Ga., Hitachi Construction Machinery Loaders America has the experience and technology to design, engineer, manufacture, and service your next wheel loader. The Hitachi Construction Machinery Loaders America Inc. team is focused on wheel loaders. As a subsidiary of one of the largest construction machinery companies in the world, Hitachi Construction Machinery Loaders America Inc. is securely poised as your go-to source in the North American wheel loader market.



## Reliable solutions



## A FULL LINE OF WHEEL LOADERS

- 13 Models
- 30 HP – 531 HP

## REPUTATIONS ARE BUILT ON IT

Prior to operating this machine, including satellite communication system, in a country other than a country of its intended use, 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 or operate this machine outside the country of its intended use until such compliance has been confirmed. Please contact your Hitachi dealer in case of questions about compliance.

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.