

ZAXIS380HH

HITACHI

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Quarry Specification



Brutal Crushing Digging Power...

from the 38-ton Class Reinforced Hydraulic Excavator

Hitachi's technology is built on a wealth of experience and know-how from limestone sites and quarries around the world. The quarry specification concept continues to evolve in answer to increasingly demanding operational tasks.

Strong Boom and Arm

- Reinforced boom and arm plus stress-relieved welds
- Protected hydraulic hoses and strengthened pipe clamps
- Reinforced bushings

Highly Durable Bucket

- Reshaped, wear-resisting steel bucket

Reinforced Undercarriage

- Oversized travel device equivalent to the bigger-class ZAXIS450/450H
- Increased traction force
- Reinforced travel motor cover with square bars
- Reinforced undercarriage and side steps
- Strengthened sideframe for idler
- Reinforced track guard (full guard)

Rugged Pressurized Cab

- ISO-standard FOPS cab with integrated overhead guard
- Auto control air conditioner
- Comfort increased to reduce operator fatigue



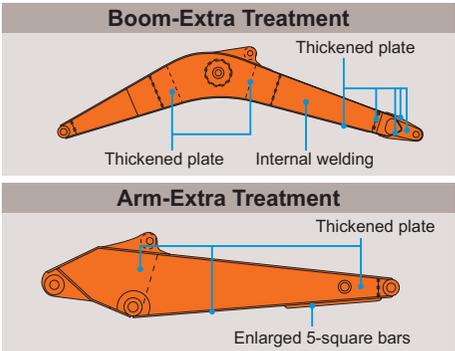
Notes:
1. Caution plates on the machine will vary according to country.
2. Photos may include optional equipment.



Strong Boom and Arm

Reinforced Boom and Arm Plus Stress-Relieved Welds

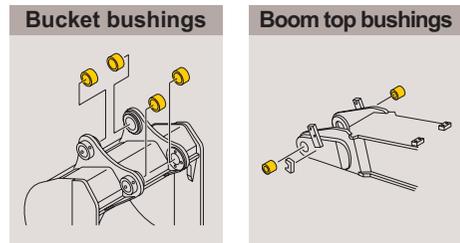
The strong, dependable boom and arm are what you need most for tough jobs. They are reinforced, and stress-relieved.



Protected Hydraulic Hoses and Strengthened Pipe Clamps

Reinforced Bushings

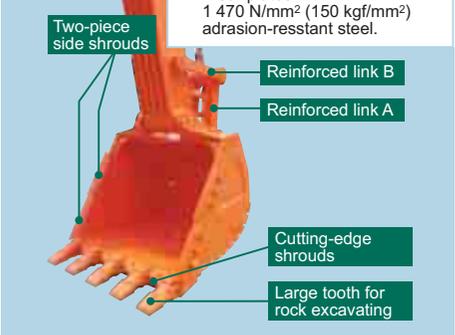
Ample thick-walled bushings are utilized at both the arm-bucket and arm-boom joint for higher durability.



Highly Durable Bucket

Reshaped, Wear-Resisting Steel Bucket

This QS-bucket is made of wear-resisting steel, and reshaped with side shrouds, cutting-edge shrouds, and large bucket teeth for enhanced durability. Easily replaceable lateral wear plates help reduce downtime. The limestone bucket has similar features except number of side shrouds and size of tooth.



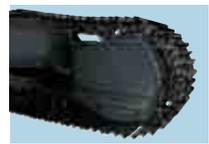
Reinforced Undercarriage

Oversized Travel Device

The machine can move about, regardless of tough underfooting, thanks to ZAXIS450/450H class oversized track devices and components.

Increased Traction Force

Reinforced Travel Motor Cover with Square Bars



Reinforced Undercarriage

A reshaped box design with X-beams helps disperse stress. This design boosts the overall rigidity of the entire undercarriage.

Reinforced Side Steps

Rigid side steps are reinforced for convenience of servicing and inspection.

Strengthened Sideframe for Idler

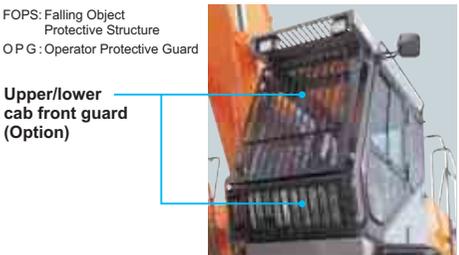
Reinforced Track Guard (Full Guard)



Rugged Pressurized Cab

ISO-Standard FOPS Cab with Integrated Overhead Guard

An ISO-standard FOPS large-size cab is used. It has an integrated overhead guard to help provide protection from falling objects. An optional guard is available for the front windshield to make the cab ISO OPG compliant.



Auto Control Air Conditioner

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



Comfort Increased to Reduce Operator Fatigue

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





STANDARD EQUIPMENT

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

ENGINE

- H/P mode control
- E mode control
- 50 A alternator
- Dry-type air filter with evacuator valve (with safety element)
- Cartridge-type engine oil filter
- Cartridge-type fuel filter
- Air cleaner double filters
- Radiator and oil cooler with dust protective net
- Radiator reserve tank
- Fan guard
- Isolation-mounted engine
- Auto-idle system
- Auto acceleration system
- Pre-cleaner

HYDRAULIC SYSTEM

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

CAB

- Auto control air conditioner
- Pressurized cab with integrated overhead guard (FOPS)
- All-weather sound-suppressed steel cab equipped with reinforced
- Tinted (bronze color) glass windows
- 6 fluid-filled elastic mounts
- Openable left side window

- Intermittent windshield wipers
- Front window washer
- Adjustable reclining suspension seat with adjustable 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
- Heater
- Pilot control shut-off lever
- Engine stop knob

MONITOR SYSTEM

- Meters:
 - Hourmeter and trip-meter, engine coolant temperature gauge and fuel gauge
- Warning lamps:
 - Alternator charge, engine oil pressure, engine overheat, air filter restriction and minimum fuel level
- Pilot lamps:
 - Engine preheat, engine oil level, engine coolant level, hydraulic oil level, work light, auto-idle, auto-acceleration, digging mode and attachment mode
- Alarm buzzers:
 - Engine oil pressure and engine overheat

LIGHTS

- 4 working lights

UPPERSTRUCTURE

- Undercover
- 8 000 kg (17 600 lb) counter-weight
- Fuel level float
- Hydraulic oil level gauge
- Tool box
- Utility space
- Rearview mirror (right & left side)
- Swing parking brake

UNDERCARRIAGE

- QS-track frame
- Travel parking brake
- Reinforced travel motor covers
- Hydraulic track adjuster
- Bolt-on sprocket
- Reinforced upper rollers and lower rollers
- Reinforced track links with pin seals
- 600 mm (24") triple grouser shoes
- Reinforced track guard (Full)
- Reinforced side steps (bolt mounted)

FRONT ATTACHMENTS

- Reinforced resin thrust plate
- Flanged pin
- Welded bucket link A
- Centralized lubrication system
- Dirt seal on all bucket pins
- 6.40 m (21'0") QS-boom
- 3.20 m (10'6") QS-arm
- 1.50 m³ (1.96 yd³) PCSA heaped) QS-bucket
- Reinforced link A
- Reinforced link B
- Damage prevention plate and square bars

MISCELLANEOUS

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



OPTIONAL EQUIPMENT

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

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|---|--|--|
| <ul style="list-style-type: none"> • Hose rupture valves • Electric fuel refilling pump • Swing motion alarm device with lamps • Travel motion alarm device • Additional pump • Auto-lubrication system | <ul style="list-style-type: none"> • Fuel double filters • Large-capacity battery • Attachment basic piping • Accessories for breaker • Accessories for breaker & crusher • Accessories for 2 speed selector | <ul style="list-style-type: none"> • Front glass lower guard • Front glass upper guard • Rear light • Sunvisor • Front windows shatter prevention film • Electric grease gun |
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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 Operator's Manual for proper operation.

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