

HITACHI

Super EX **V**

EX300/EX350H/EX370HD

Rated Engine HP

STD mode 169 kW (230 PS)

H/P mode 177 kW (240 PS)

Operating Weights

EX300-5 : 31 000 kg

EX300LC-5 : 31 500 kg

EX350H-5 : 32 600 kg

EX350LCH-5 : 33 200 kg

EX370HD-5 : 36 000 kg

Bucket Capacity

PCSA Heaped : 1.15—1.86 m³

CECE Heaped : 1.00—1.60 m³



SuperEX EX300

PRODUCTIVITY AND CONTROLLABILITY

H/P Mode for Boosted Production

In HP (High Power) mode, when more power is needed, the EX300 automatically boosts engine output from 169kW (230PS) to 177kW (240PS) for increased productivity in heavy-duty operations. During light-duty operations such as swing or dumping, engine output is reduced automatically to 169kW (230PS) for fuel savings. Pressing the power boost switch further yields a boost of power.



H/P mode and E mode switch



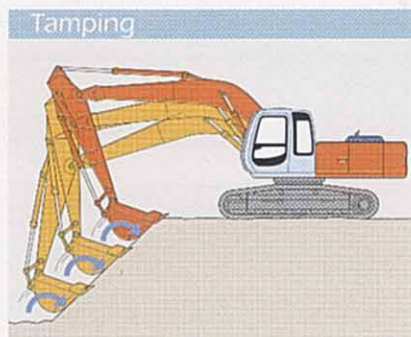
Power boost switch

E mode for Reduced Fuel Consumption

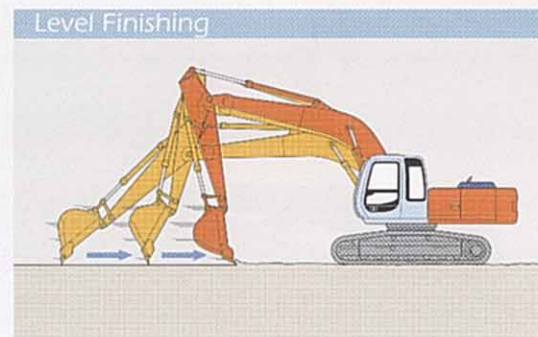
In E mode, you can accomplish light-duty operations with reduced engine speed. This enhances fuel-efficient operation.

Four Work Modes for Productivity

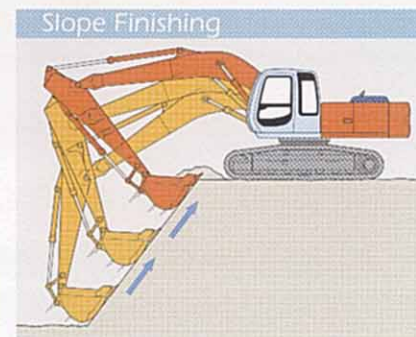
- ① General purpose mode
For efficient excavation.
- ② Grading mode
The arm rolls in slowly, and rolls out quickly for efficient grading.
- ③ Precision mode
For precision finishing.
- ④ Attachment mode
Oil flow is adjusted to match the special attachment in use, such as a hydraulic breaker.



• Quick, dynamic movements



• Increased finishing speed



• Agile front movements



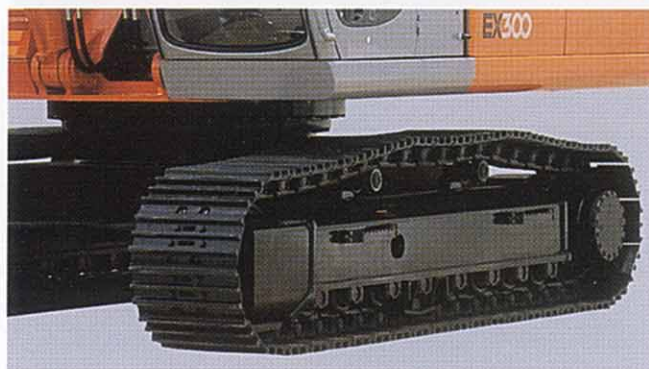
DURABILITY

Equipped with the Reinforced Front Attachment

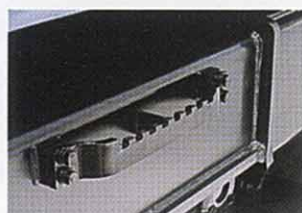
Plate thickness and pin diameter of the front are increased to enhance durability.

Strengthened Undercarriage

Enlarged track links and track frame plate thickness to increase durability of the undercarriage.

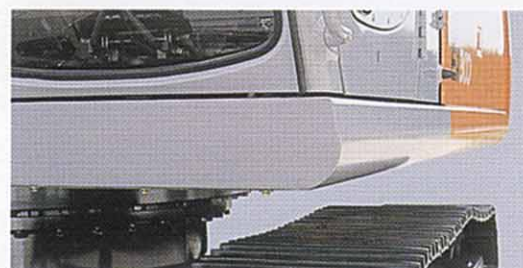


Bolted Reinforced Side Steps



Large D-section Frame

Large D-section frame, equivalent to that in the next larger class, is strong and resists damage.



Redesigned Mechanism

Swing circle, swing mechanism and travel mechanism are redesigned to enhance reliability and durability.

Round Travel Motor Covers

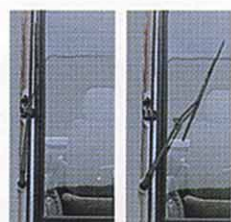
Reinforced travel motor covers protect the motor against damage.



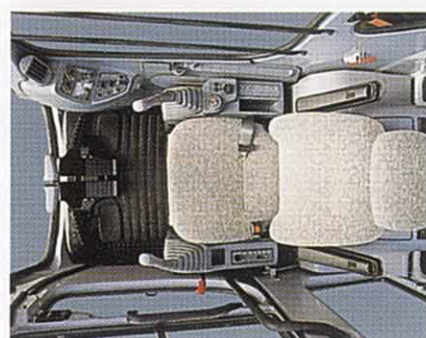
OPERATOR COMFORT

Roomy Cab with Improved Visibility

The wide 1 000mm cab, plus ample foot space enhance operator comfort and convenience. Raise-up wiper and large overhead window improve visibility.



Raise-up wiper



Fresh Air Introduction Type Air Conditioner(Optional)

Large capacity (3 200kcal) air conditioner. Rotatable blower louver serves as a defroster.



Tiltable Seat Cushion and Three-Stage Adjustable Control Levers

The tiltable seat allows the operator to adjust his position to job needs. Also, control lever height can be adjusted at three stages to the operator's build.



Glove Compartment and Hot-and-Cool Box

A glove compartment is provided behind the operator's seat for operator convenience. A hot-and-cool box is optionally available.



Glove Compartment
Hot-and-cool box

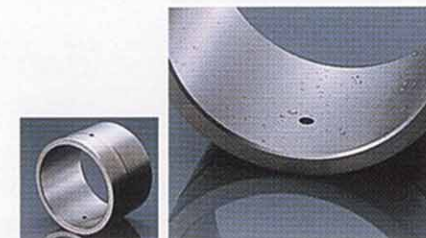
Six Fluid-Filled Elastic Mounts

The cab floats on six fluid-filled elastic mounts that smooth away shocks and vibrations.

MAINTENANCE

Easy Maintenance Permitted by HN Bushings

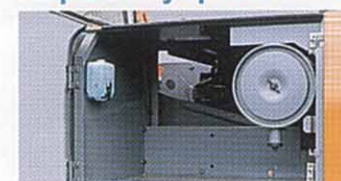
Using the HN bushings (sintered, oil impregnated bushings) extends intervals between lubrication to front attachment pins.



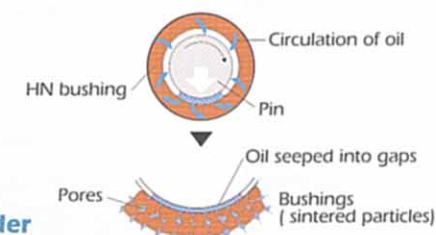
Large Tool Box with a Grease Gun Holder



Ample Utility Space behind Cab



Principle of HN bushing



Indication of Resin Parts

Resin parts are indicated for convenience of recycling.



Extended Change Intervals of Hydraulic Oil and Hydraulic Oil Filter Element

Change intervals of hydraulic oil and filter elements are extended up to 4 000 hours and 500 hours, respectively.

SAFETY

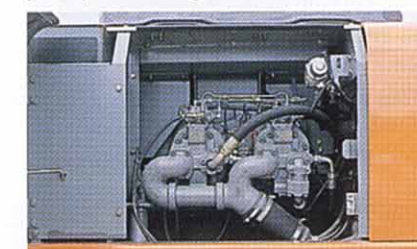
Emergency Evacuation Tool and Large Overhead Window

A hammer is provided inside the cab for emergency evacuation. A large overhead window serves as an emergency exit.



Pump Bulkhead

A bulkhead is placed between the pump and engine.



Emergency Engine Stop Lever (lower right of seat)



Seat Belt



Handrail and Slip-Resistant Tapes



Right-Side Cab Window Guard



Pilot-Control Shutoff Lever

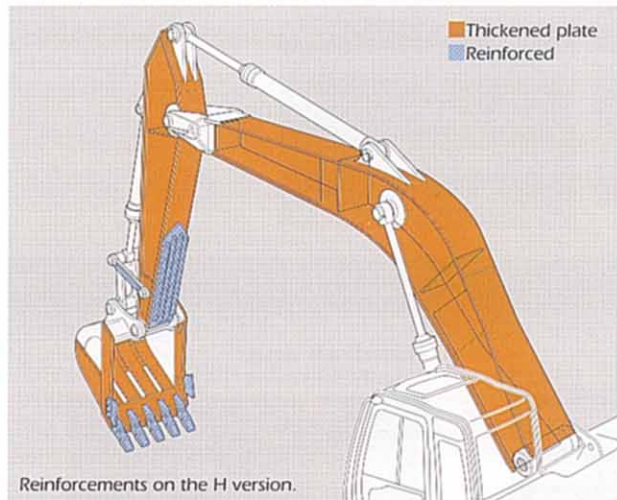


Heavy-Duty Version *SuperEX* EX350H



Front Attachments

The plates of front attachments are thickened by about 15% - 20% (compared to those for the EX300-5). The EX350H makes quick work of crushing, quarrying, and gravel collection.



Damage Prevention Plate and Square Bars

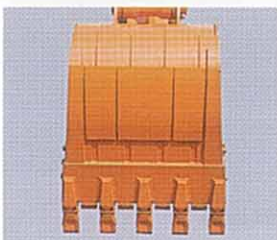
They protect the bottom plate of the arm from damage due to rocks caught during excavation.

Reinforced Link B

The durability is increased with added square bars.

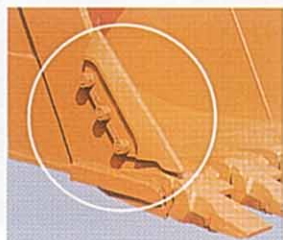
Wear Plates for Bucket Bottom

Wear plates are provided at the bottom of the bucket for increased wear resistance.



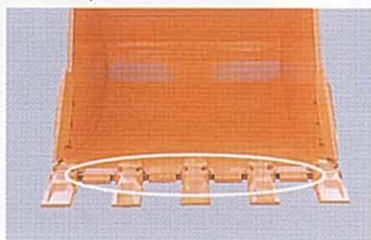
Large Side Shroud

Two large side shrouds are provided on each side of the bucket for increased wear resistance.



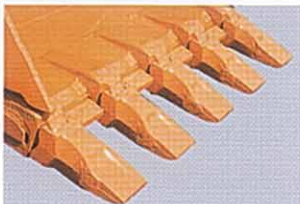
Cutting Edge Shrouds

Cutting edge shrouds are thickened and enlarged for increased wear resistance (Rock bucket).



Big "Super V" Bucket Teeth

"Super V" bucket teeth are large and rugged for increasing wear resistance.



Reinforced Track Guards

Three large reinforced track guards are provided on each side. A full track guard is also optionally available.

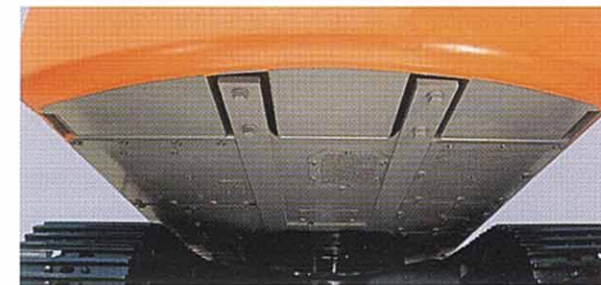


Increased Shoe Lug Height



Strengthened Undercover

The 4.5mm-thick undercover at the bottom of the upperstructure protects hydraulic equipment from damage due to obstructions during travel.



Cab Front-lower Guard

The guard protects the front windshield from damage due to dispersed rocks etc. A cab upper guard is also optionally available.



Standard Suspension Seat

The new, adjustable suspension seat is standard. It can be slid alone or together with the console, allowing the operator to find the most comfortable operating position and posture.



Heavier Counterweight

The weight of the counterweight is increased by 750kg for higher stability.

Electric Lubricator

It enhances easy lubrication without need for repositioning of the machine. Front attachments and swing circle can be remote lubricated.



Lubricator with optional fuel feed pump



Remote lubricating system

SuperEX EX370HD

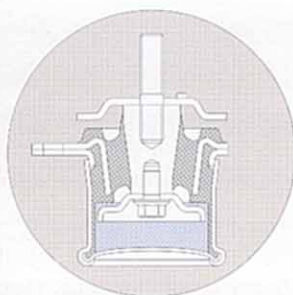
Rock Bucket of 1.5m³

A large 1.5m³ rock bucket with "Super V" teeth is attached as standard.

Pressurized Cab with Integrated Headguard*

The integrated cab with a headguard protects the operator from falling objects. Six fluid-filled elastic mounts for the cab bed enhances riding comfort.

*Conforms to FOPS (Falling-Object Protective Structures, ISO Standard)



Fluid-filled elastic mount

Optional Cab Front Guards (upper/lower) and Sunvisor

Those are optionally available for the pressurized cab with an integrated headguard.

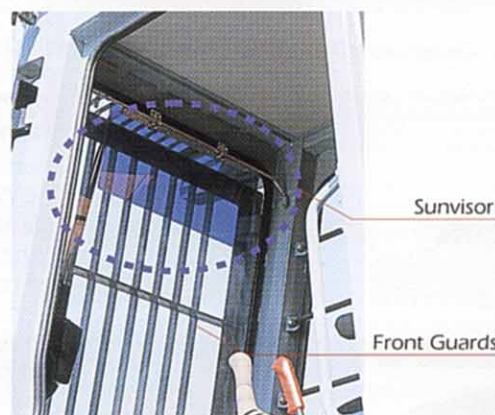
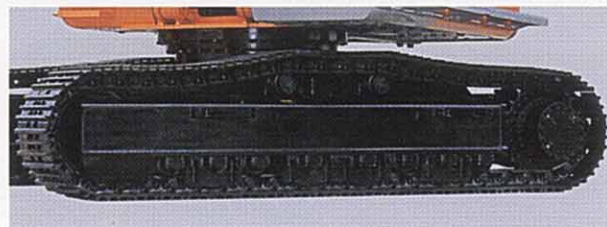
Emergency Evacuation Window

The rear window of the cab serves as an emergency exit.



EX400 classes Undercarriage

The EX370HD uses a robust undercarriage for the EX400 classes and provides it with special reinforced track guards for strengthening wear resistance and durability of the undercarriage and increasing traction force. A full track guard is also optionally available.



Sunvisor

Front Guards



- Reinforced front attachments
- Damage prevention plate and square bars (on arm bottom plate)
- Reinforced Link B
- Wear plates for bucket bottom
- Large side shrouds (on bucket)
- Thickened cutting edges and enlarged shrouds (on bucket)
- "Super V" teeth for heavy-duty excavation
- Reinforced, 4.5mm thick undercover
- Suspension seat as standard
- Heavier counterweight (increases 750kg)
- Electric Lubricator with hose reel

Left-side Sidewalk and Handrails for Maintenance Ease

Those are provided as standard for convenience of maintenance and inspection.





ENGINE

Model Isuzu B-6SDIT
Type 4-cycle water-cooled, direct injection
Aspiration Turbocharged
No. of cylinders 6
Rated flywheel horsepower (DIN 6271, net)
STD mode: 169 kW (230 PS) at 1 900 min⁻¹ (rpm)
H/P mode: 177 kW (240 PS) at 2 000 min⁻¹ (rpm)
Rated flywheel horsepower (SAE J1349, gross)
STD mode: 165 kW (220 PS) at 1 900 min⁻¹ (rpm)
H/P mode: 172 kW (230 PS) at 2 000 min⁻¹ (rpm)
Maximum torque 873 N·m (89 kgf·m)
at 1 600 min⁻¹ (rpm)
Piston displacement 9.84 L
Bore and stroke 120 mm x 145 mm
Batteries 2 x 12 V, 128 AH
Governor Mechanical, speed control by
stepping motor



HYDRAULIC SYSTEM

- Work mode selector
General purpose mode / Grading mode / Precision mode
/ Attachment mode
- Engine speed sensing system

Main pumps 2 variable displacement axial piston
pumps
Maximum oil flow 2 x 260 L / min
Pilot pump 1 gear pump
Max. oil flow 32 L / min

Hydraulic Motors

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

Relief Valve Settings

Implement circuit 31.4 MPa (320 kgf/cm²)
Swing circuit 28.4 MPa (290 kgf/cm²)
Travel circuit 34.3 MPa (350 kgf/cm²)
Pilot circuit 3.9 MPa (40 kgf/cm²)
Power boost 36.3 MPa (370 kgf/cm²)

Hydraulic Cylinders

High-strength piston rods and tubes. Cylinder cushion mechanisms provided in all cylinders to absorb shock at stroke end.

Dimensions

| | Q'ty | Bore | Rod diameter |
|--------|------|--------|--------------|
| Boom | 2 | 150 mm | 105 mm |
| Arm | 1 | 170 mm | 115 mm |
| Bucket | 1 | 145 mm | 95 mm |

Hydraulic Filters

All hydraulic circuits use hydraulic filters. A suction filter is built in suction line, and 10 μm full-flow filters in return circuit and swing/travel motor drain lines.



CONTROLS

Pilot controls for all functions. Hitachi original shockless valve and quick warm-up system built in the pilot circuit. Multi rotary pilot control valve is optionally available for selection of control lever direction.

Implement levers 2
Travel levers with pedals 2



UPPERSTRUCTURE

Revolving Frame

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

Swing Mechanism

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 11.3 min⁻¹ (rpm)

Operator's Cab

Independent, roomy cab, 1 000 mm wide by 1 665 mm high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for visibility. Front windows (upper and lower) are openable. Adjustable, reclining seat with armrests; movable with or without control levers.

* International Standardization Organization



UNDERCARRIAGE

Tracks

Tractor-type undercarriage. Welded track frame, using carefully selected materials for tough jobs. Side frame welded to track frame. Lubricated track rollers, idlers, and sprockets with floating seals. Track shoes with triple grouser made of induction-hardened rolled alloy. Flat and triangular shoes are also available. Heat-treated connecting pins with dirt seals. Hydraulic (grease) track adjusters with shock-absorbing recoil springs.

Numbers of Rollers and Shoes on Each Side

Upper rollers 2
Lower rollers 8: EX300-5/EX350H-5/EX370HD-5
9: EX300LC-5/EX350LCH-5
Track shoes 47: EX300-5/EX350H-5
48: EX300LC-5/EX350LCH-5
49: EX370HD-5
Track guard 1: EX300-5/EX350LC-5
3: EX350H-5/EX350LCH-5/EX370HD-5
Track guard on the EX350H-5, EX350LCH-5 and EX370HD-5 are reinforced.

Traction Device

Each track driven by 2-speed axial piston motor through planetary reduction gears for counter-rotation of the tracks. Sprockets are replaceable. Parking brake is spring-set/hydraulic-released disc type. Travel shockless relief valve built in travel motor absorbs shocks when stopping travel.

Automatic transmission system: High - Low.

Travel speeds High: 0 to 5.5 km/h

0 to 4.9 km/h EX370HD-5

Low: 0 to 3.6 km/h

0 to 3.0 km/h EX370HD-5

Maximum traction force 243 kN (24 800 kgf)

281 kN (28 700 kgf) EX370HD-5

Gradeability 35* (70%) continuous



WEIGHTS AND GROUND PRESSURE

EX300-5/EX300LC-5:

Equipped with 6.40 m boom, 3.20 m arm, and 1.40 m³ (PCSA heaped) bucket.

| Shoe type | Shoe width | Operating weight | Ground pressure |
|----------------|------------|------------------|---------------------------------------|
| Triple grouser | 600 mm | 31 000 kg | 63 kPa (0.64 kgf/cm ²) |
| | | 31 500 kg | 59 kPa (0.60 kgf/cm ²) |
| | 700 mm | 31 600 kg | 55 kPa (0.56 kgf/cm ²) |
| | | 32 100 kg | 52 kPa (0.53 kgf/cm ²) |
| | 800 mm | 31 900 kg | 48 kPa (0.49 kgf/cm ²) |
| | | 32 500 kg | 46 kPa (0.47 kgf/cm ²) |
| Flat | 600 mm | 31 800 kg | 64 kPa (0.65 kgf/cm ²) |
| | | 32 400 kg | 61 kPa (0.62 kgf/cm ²) |

Figures in () are data on the EX300LC-5.

Note: Depending on the jobsite conditions, 800 mm grouser shoe, 600 mm flat shoes may not be recommended for rock, hard surface or forestry application.

EX350H-5 / EX350LCH-5:

Equipped with 6.40 m H-boom, 3.20 m H-arm, and 1.38 m³ (PCSA heaped) rock bucket.

| | Shoe width | Operating weight | Ground pressure |
|------------|-----------------------|------------------|---------------------------------------|
| EX350H-5 | Triple grouser 600 mm | 32 600 kg | 66 kPa (0.67 kgf/cm ²) |
| EX350LCH-5 | | 33 200 kg | 62 kPa (0.63 kgf/cm ²) |

EX370HD-5:

Equipped with 6.40 m H-boom, 3.20 m H-arm, and 1.50 m³ (PCSA heaped) rock bucket.

| Shoe type | Shoe width | Operating weight | Ground pressure |
|----------------|------------|------------------|---------------------------------------|
| Triple grouser | 600 mm | 36 000 kg | 67 kPa (0.68 kgf/cm ²) |
| | 750 mm | 37 000 kg | 55 kPa (0.56 kgf/cm ²) |

Buckets

| Capacity | | Width | | No. of teeth | Weight | Recommendation | | | | | |
|---|---------------------|----------------------|-------------------|--------------|----------|----------------|-----------|-----------|-----------|--------------|-------------|
| PCSA heaped | CECE heaped | Without side cutters | With side cutters | | | EX300-5 | | EX300LC-5 | | EX350(LCH)-5 | EX370HD-5 |
| | | | | | | 2.66m arm | 3.20m arm | 2.66m arm | 3.20m arm | 4.00m arm | 3.20m H-arm |
| 1.15 m ³ | 1.00 m ³ | 1 100 mm | 1 230 mm | 5 | 1 010 kg | ● | ● | ● | ● | ● | — |
| 1.40 m ³ | 1.20 m ³ | 1 280 mm | 1 410 mm | 5 | 1 090 kg | ● | ● | ● | ● | ● | — |
| 1.62 m ³ | 1.40 m ³ | 1 460 mm | 1 590 mm | 5 | 1 200 kg | ○ | ○ | ○ | ○ | ○ | — |
| 1.86 m ³ | 1.60 m ³ | 1 640 mm | — | 5 | 1 130 kg | □ | — | □ | — | — | — |
| 1.40 m ³ SV | 1.20 m ³ | 1 280 mm | 1 410 mm | 5 | 1 090 kg | ● | ● | ● | ● | ● | — |
| *1.40 m ³ | 1.20 m ³ | 1 280 mm | 1 410 mm | 5 | 1 300 kg | ● | ● | ● | ● | ● | ● |
| *1.40 m ³ SV | 1.20 m ³ | 1 280 mm | 1 410 mm | 5 | 1 300 kg | ● | ● | ● | ● | ● | ● |
| *1.15 m ³ | 1.00 m ³ | 1 160 mm | — | 5 | 1 260 kg | ● | ● | ● | ● | ● | ● |
| *1.38 m ³ SV | 1.20 m ³ | — | 1 350 mm | 5 | 1 250 kg | ● | ● | ● | ● | ● | ● |
| *1.38 m ³ | 1.20 m ³ | — | 1 350 mm | 5 | 1 290 kg | ● | ● | ● | ● | ● | ● |
| *1.50 m ³ SV | 1.30 m ³ | — | 1 450 mm | 5 | 1 300 kg | ● | ● | ● | ● | ● | ● |
| *1.50 m ³ | 1.30 m ³ | — | 1 450 mm | 5 | 1 350 kg | ● | ● | ● | ● | ● | ● |
| Ripper bucket: 0.9 m ³ (PCSA heaped), 0.8 m ³ (CECE heaped) | | 1 010 mm | — | 3 | 1 490 kg | ● | ● | ● | ● | — | ● |
| One-point ripper | | — | — | 1 | 850 kg | ● | ● | — | ● | — | ● |
| Clamshell bucket: 1.0 m ³ (CECE heaped), Width 940 mm | | — | — | 9 | 1 490 kg | ● | ● | ○ | ○ | ○ | — |

*1 Reinforced bucket

*2 Rock bucket

1.38 m³ and 1.5 m³ rock bucket equipped with side shroud.

SV: Super V teeth.

• EX350(LCH)-5 and EX370HD-5 equipped with H-front

● Suitable for materials with density of 2 000 kg/m³ or less

○ Suitable for materials with density of 1 600 kg/m³ or less

□ Suitable for materials with density of 1 100 kg/m³ or less

● Heavy-duty service

— Not recommended

Weights of the basic machines (including 6 800 kg or 7 550 kg H-counterweight and triple grouser shoes, excluding front-end attachment, fuel, Hyd.oil, Eng.oil and coolant etc.) are:

EX300-5 23 600 kg with 600 mm shoes
EX300LC-5 24 100 kg with 600 mm shoes
EX350H-5 24 800 kg with 600 mm shoes
EX350LCH-5 25 400 kg with 600 mm shoes
EX370HD-5 28 100 kg with 600 mm shoes



SERVICE REFILL CAPACITIES

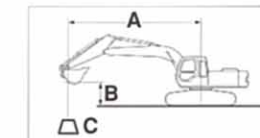
Fuel tank liters 560.0
Engine coolant 39.0
Engine oil 35.0
Pump drive 1.4
Swing mechanism 17.0
Travel final device (each side)
EX300(LC)-5, EX350(LC)H-5 9.2
EX370HD-5 11.5
Hydraulic system 320.0
Hydraulic tank 154.0



BACKHOE ATTACHMENTS

Boom and arms of all-welded, box-section design. 6.40 m boom, 2.66 m, 3.20 m, and 4.00 m arms are available. Bucket is of all-welded, high-strength steel structure. Side clearance adjust mechanism provided on the bucket joint bracket.

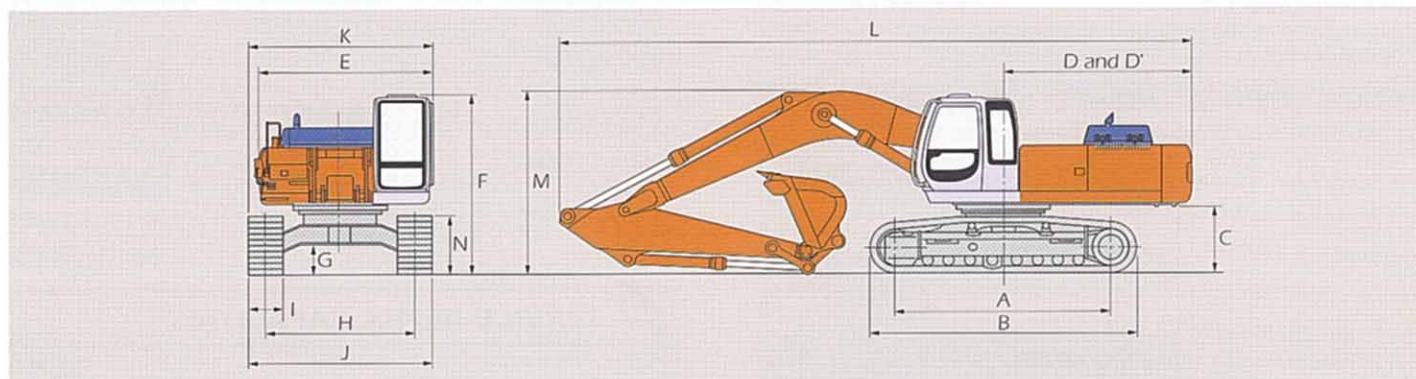
LIFTING CAPACITIES



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

Rating over-side or 360 degrees Rating over-front Unit: 1 000 kg

DIMENSIONS

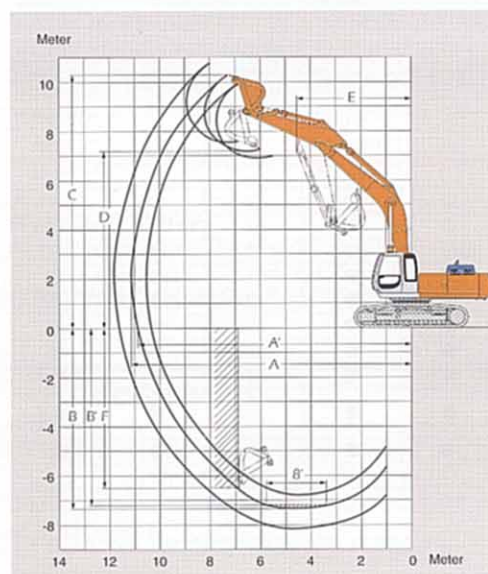


| | EX300-5 | EX350H-5 | EX300LC-5 | EX350LCH-5 | EX370HD-5 |
|-----------------------------------|----------|------------|-----------|------------|------------|
| A Distance between tumbler | 3 730mm | 3 730mm | 4 050mm | 4 050mm | 4 050mm |
| B Undercarriage length | 4 640mm | 4 650mm | 4 940mm | 4 950mm | 5 060mm |
| *C Counterweight clearance | 1 140mm | 1 140mm | 1 160mm | 1 160mm | 1 250mm |
| D Rear-end swing radius | 3 300mm | 3 300mm | 3 300mm | 3 300mm | 3 300mm |
| D' Rear-end length | 3 290mm | 3 290mm | 3 290mm | 3 290mm | 3 290mm |
| E Overall width of upperstructure | 2 995mm | 2 995mm | 2 995mm | 2 995mm | 3 370mm |
| F Overall height of cab | 3 110mm | 3 110mm | 3 130mm | 3 130mm | 3 340mm |
| *G Min. ground clearance | 500mm | 500mm | 500mm | 500mm | 560mm |
| H Track gauge | 2 590mm | 2 590mm | 2 590mm | 2 590mm | 2 590mm |
| I Track shoe width | G600mm | G600mm | G600mm | G600mm | G600mm |
| J Undercarriage width | 3 190mm | 3 190mm | 3 190mm | 3 190mm | 3 190mm |
| K Overall width | 3 190mm | 3 190mm | 3 190mm | 3 190mm | 3 580mm |
| L Overall length | | | | | |
| With 2.66 m arm | 11 070mm | — | 11 070mm | — | — |
| With 3.20 m arm | 10 950mm | **10 950mm | 10 950mm | **10 950mm | **10 910mm |
| With 4.00 m arm | 11 030mm | — | 11 030mm | — | — |
| M Overall height of boom | | | | | |
| With 2.66 m arm | 3 470mm | — | 3 470mm | — | — |
| With 3.20 m arm | 3 230mm | **3 230mm | 3 230mm | **3 230mm | **3 340mm |
| With 4.00 m arm | 3 570mm | — | 3 570mm | — | — |
| N Track height | 1 020mm | 1 030mm | 1 020mm | 1 030mm | 1 140mm |

* Excluding track shoe lug
** Equipped with H-Front

G: Triple grouser shoe.

WORKING RANGES
















EX300-5/EX300LC-5, EX350H-5/EX350LCH-5, EX370HD-5

| Arm length | 2.66 m | 3.20 m | 4.00 m | 6.40 m H-boom 3.20 m H-arm | 6.40 m H-boom 3.20 m H-arm |
|--------------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|
| A Max. digging reach mm | 10 570 | 11 100 | 11 860 | 11 100 | 11 100 |
| A' Max. digging reach (on ground) mm | 10 360 | 10 900 | 11 680 | 10 900 | 10 890 |
| B Max. digging depth mm | 6 850 | 7 380 | 8 180 | 7 380 | 7 270 |
| B' Max. digging depth (B' level) mm | 6 650 | 7 220 | 8 050 | 7 220 | 7 110 |
| C Max. cutting height mm | 9 870 | 10 230 | 10 620 | 10 230 | 10 360 |
| D Max. dumping height mm | 6 830 | 7 130 | 7 500 | 7 130 | 7 240 |
| E Min. swing radius mm | 4 580 | 4 490 | 4 520 | 4 490 | 4 490 |
| F Max. vertical wall mm | 5 620 | 6 480 | 7 370 | 6 480 | 6 410 |
| Bucket digging force | ISO kN(kgf) *237(24 200) | 218(22 200) *237(24 200) | 218(22 200) *237(24 200) | 218(22 200) *237(24 200) | 218(22 200) *237(24 200) |
| SAE: PCSA kN(kgf) | 189(19 300) *207(21 100) | 189(19 300) *207(21 100) | 189(19 300) *207(21 100) | 189(19 300) *207(21 000) | 189(19 300) *207(21 000) |
| Arm crowd force | ISO kN(kgf) *206(21 000) | 188(19 200) *172(17 500) | 157(16 000) *146(14 900) | 157(16 000) *172(17 500) | 157(16 000) *172(17 500) |
| SAE: PCSA kN(kgf) | 180(18 400) *197(20 100) | 151(15 400) *165(16 800) | 129(13 200) *142(14 500) | 151(15 400) *165(16 800) | 151(15 400) *165(16 800) |

Excluding track shoe lug * At power boost

















EX300-5

| Conditions | Load point height m | Load radius | | | | | | | | | | | | At max. reach | | | |
|---|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|------|-------|------|
| | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | | | | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  |  | @m | | |
| Boom 6.40 m Arm 2.66 m Bucket PCSA: 1.40 m³ CECE: 1.20 m³ Shoes 600 mm | 6 | | | | | | 6.49 | *6.84 | 5.05 | *6.67 | | | | | 3.55 | *5.25 | 9.55 |
| | 4 | | | 10.4 | *11.0 | 7.78 | *9.1 | 6.04 | *8.0 | 4.79 | 7.05 | 3.84 | 5.72 | | 3.04 | 4.62 | 10.1 |
| | 2 | | | | | 6.93 | 10.5 | 5.50 | 8.27 | 4.44 | 6.68 | 3.63 | 5.49 | | 2.88 | 4.44 | 10.2 |
| | 0 | | | | | 6.5 | 10.0 | 5.15 | 7.89 | 4.19 | 6.40 | 3.46 | 5.31 | | 3.03 | 4.96 | 9.75 |
| | -2 | 12.6 | *12.8 | 8.63 | *9.36 | 6.43 | 9.97 | 5.06 | 7.78 | 4.11 | 6.32 | | | | 3.64 | 5.56 | 8.79 |
| | -4 | *9.93 | *9.93 | 8.9 | *11.4 | 6.62 | *9.86 | 5.22 | 7.96 | | | | | | | | |
| | -5 | *10.1 | *10.1 | 9.15 | *9.16 | 6.85 | *7.80 | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|---|----|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|
| Boom 6.40 m Arm 3.20 m Bucket PCSA: 1.40 m³ CECE: 1.20 m³ Shoes 600 mm | 6 | | | | | | | | | 5.13 | *6.08 | 4.01 | *4.97 | | | 3.15 | *3.37 | 10.1 |
| | 4 | | | | | 7.97 | *8.33 | 6.14 | *7.42 | 4.85 | *6.81 | 3.87 | 5.76 | | | 2.72 | *3.45 | 10.6 |
| | 2 | | | 9.23 | *13.8 | 7.08 | 10.7 | 5.57 | 8.35 | 4.47 | 6.71 | 3.63 | 5.50 | 2.96 | 4.56 | 2.58 | *3.72 | 10.7 |
| | 0 | | | 8.58 | *11.2 | 6.52 | 10.1 | 5.15 | 7.90 | 4.17 | 6.39 | 3.42 | 5.28 | 2.84 | 4.43 | 2.70 | 4.23 | 10.3 |
| | -2 | *10.3 | *10.3 | 8.52 | *12.4 | 6.36 | 9.91 | 4.99 | 7.72 | 4.04 | 6.25 | 3.34 | 5.20 | | | 3.17 | 4.91 | 9.41 |
| | -4 | *11.5 | *11.5 | 8.73 | *12.4 | 6.48 | 10.0 | 5.08 | 7.81 | 4.14 | 6.35 | | | | | | | |
| | -6 | | | *7.66 | *7.66 | *6.19 | *6.19 | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|---|----|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|------|
| Boom 6.40 m Arm 4.00 m Bucket PCSA: 1.15 m³ CECE: 1.00 m³ Shoes 600 mm | 6 | | | | | | | | | | | 4.21 | *5.34 | *3.28 | *3.28 | *2.65 | *2.65 | 10.9 |
| | 4 | | | | | | | | | 5.03 | *6.15 | 4.01 | 5.84 | 3.22 | 4.84 | 2.40 | *2.71 | 11.4 |
| | 2 | | | 9.75 | *12.3 | 7.38 | *9.78 | 5.77 | *8.29 | 4.61 | 6.86 | 3.73 | 5.61 | 3.04 | 4.65 | 2.27 | *2.91 | 11.5 |
| | 0 | *8.90 | *8.90 | 8.74 | 13.8 | 6.65 | 10.2 | 5.25 | 8.01 | 4.24 | 6.47 | 3.47 | 5.33 | 2.86 | 4.46 | 2.35 | *3.30 | 11.1 |
| | -2 | *9.19 | *9.19 | 8.46 | 13.5 | 6.35 | 9.89 | 4.99 | 7.72 | 4.03 | 6.24 | 3.32 | 5.17 | 2.77 | 4.37 | 2.69 | *3.99 | 10.3 |
| | -4 | 12.5 | *12.8 | 8.55 | 13.6 | 6.36 | 9.90 | 4.97 | 7.70 | 4.02 | 6.24 | 3.35 | 5.21 | | | | | |
| | -6 | *11.9 | *11.9 | 8.93 | *10.1 | 6.66 | *8.51 | 5.25 | *6.91 | | | | | | | | | |

















EX300LC-5

| Conditions | Load point height m | Load radius | | | | | | | | | | | | At max. reach | | | | |
|---|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------|
| | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | @m |
| Boom 6.40 m Arm 3.20 m Bucket PCSA: 1.40 m³ CECE: 1.20 m³ Shoes 600 mm | 6 | | | | | | | | | 5.22 | *6.08 | 4.09 | *5.02 | | | 3.22 | *3.37 | 10.1 |
| | 4 | | | | | 8.10 | *8.35 | 6.25 | *7.43 | 4.94 | *6.82 | 3.95 | *6.41 | | | 2.78 | *3.46 | 10.6 |
| | 2 | | | 9.39 | *13.8 | 7.20 | *10.8 | 5.68 | *9.00 | 4.56 | 7.71 | 3.71 | 6.32 | 3.03 | 5.26 | 2.64 | *3.73 | 10.7 |
| | 0 | | | 8.75 | *11.2 | 6.65 | 11.7 | 5.26 | 9.13 | 4.26 | 7.38 | 3.50 | 6.10 | 2.91 | 5.13 | 2.77 | *4.25 | 10.3 |
| | -2 | *10.3 | *10.3 | 8.69 | *12.4 | 6.50 | 11.5 | 5.10 | 8.95 | 4.13 | 7.23 | 3.42 | 6.02 | | | 3.26 | *5.21 | 9.40 |
| | -4 | *11.6 | *11.6 | 8.90 | *12.4 | 6.62 | *10.5 | 5.19 | *8.90 | 4.23 | 7.34 | | | | | | | |
| | -6 | | | *7.59 | *7.59 | *6.11 | *6.11 | | | | | | | | | | | |

Notes: 1. Ratings are based on SAE J1097.
2. Lifting capacity of the EX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook (not standard equipment) loaded on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.

















EX350H-5

Rating over-side or 360 degrees Rating over-front Unit: 1 000 kg

| Conditions | Load point height m | Load radius | | | | | | | | | | | | At max. reach | | | | |
|---------------|------------------------|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|------|
| | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | @m |
| Boom 6.40 m | 6 | | | | | | | | | 5.37 | *5.80 | 4.18 | *4.76 | | | *3.17 | *3.17 | 10.1 |
| H-boom | 4 | | | | | *8.02 | *8.02 | 6.46 | *7.11 | 5.07 | *6.51 | 4.02 | 6.02 | | | 2.79 | *3.26 | 10.6 |
| Arm 3.20 m | 2 | | | 9.74 | *13.4 | 7.45 | *10.4 | 5.84 | *8.64 | 4.67 | 7.03 | 3.76 | 5.74 | 3.05 | 4.74 | 2.64 | *3.53 | 10.7 |
| H-arm | | | | | | | | | | | | | | | | | | |
| Bucket | 0 | | | 9.04 | *11.4 | 6.84 | 10.6 | 5.39 | 8.29 | 4.34 | 6.68 | 3.54 | 5.50 | 2.92 | 4.60 | 2.76 | *4.04 | 10.3 |
| PCSA: 1.38 m³ | | | | | | | | | | | | | | | | | | |
| CECE: 1.20 m³ | -2 | *10.5 | *10.5 | 8.98 | *12.6 | 6.67 | 10.4 | 5.22 | 8.09 | 4.20 | 6.53 | 3.46 | 5.41 | | | 3.27 | *5.00 | 9.42 |
| Rock bucket | -4 | *11.7 | *11.7 | 9.20 | *12.0 | 6.80 | *10.2 | 5.31 | 8.19 | 4.31 | 6.64 | | | | | | | |
| Shoes 600 mm | -6 | | | *7.29 | 7.29 | *5.85 | *5.85 | | | | | | | | | | | |

















EX350LCH-5

Unit: 1 000 kg

| Conditions | Load point height m | Load radius | | | | | | | | | | | | | | At max. reach | | |
|--------------------------------|----------------------------|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|------|
| | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | | | |
| | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | @m |
| Boom 6.40 m | 6 | | | | | | | | | 5.46 | *5.80 | 4.26 | *4.81 | | | *3.17 | *3.17 | 10.1 |
| H-boom | 4 | | | | | *8.05 | *8.05 | 6.56 | *7.13 | 5.16 | *6.52 | 4.10 | *6.10 | | | 2.86 | *3.26 | 10.6 |
| Arm 3.20 m | 2 | | | 9.90 | *13.4 | 7.57 | *10.4 | 5.95 | *8.65 | 4.76 | *7.52 | 3.84 | 6.60 | 3.12 | 5.47 | 2.71 | *3.53 | 10.7 |
| H-arm | | | | | | | | | | | | | | | | | | |
| Bucket | 0 | | | 9.21 | *11.4 | 6.98 | *11.8 | 5.50 | 9.57 | 4.43 | 7.71 | 3.62 | 6.36 | 2.99 | 5.33 | 2.83 | *4.05 | 10.3 |
| PCSA: 1.38 m³ CECE: 1.20 m³ | -2 | *10.6 | *10.6 | 9.15 | *12.6 | 6.81 | *11.7 | 5.33 | 9.38 | 4.30 | 7.56 | 3.54 | 6.27 | | | 3.35 | 5.01 | 9.41 |
| Rock bucket | -4 | *11.8 | *11.8 | 9.37 | *11.9 | 6.94 | *10.1 | 5.42 | *8.53 | 4.40 | *7.00 | | | | | | | |
| Shoes 600 mm | -6 | | | *7.22 | *7.22 | *5.77 | *5.77 | | | | | | | | | | | |

EX370HD-5

Unit: 1 000 kg

| Conditions | Load point height m | Load radius | | | | | | | | | | | | | | At max. reach | | |
|---------------------------|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------|
| | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | |  |  | @m |
| | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | | |
| Boom 6.40 m | 6 | | | | | | | | | *5.78 | *5.78 | 4.60 | *4.98 | | | *3.13 | *3.13 | 10.2 |
| H-boom | 4 | | | | | *8.12 | *8.12 | 7.02 | *7.16 | 5.54 | *6.52 | 4.44 | *6.09 | 3.55 | *3.73 | 3.12 | *3.23 | 10.6 |
| Arm 3.20 m | 2 | | | 10.6 | *13.5 | 8.13 | *10.5 | 6.40 | *8.68 | 5.14 | *7.52 | 4.18 | *6.72 | 3.41 | *5.91 | 2.98 | *3.51 | 10.7 |
| H-arm | | | | | | | | | | | | | | | | | | |
| Bucket | 0 | | | 9.97 | *11.4 | 7.55 | *11.7 | 5.97 | *9.69 | 4.83 | *8.24 | 3.96 | 6.96 | 3.29 | *5.48 | 3.14 | *4.04 | 10.3 |
| PCSA: 1.50 m ³ | | | | | | | | | | | | | | | | | | |
| CECE: 1.30 m ³ | -2 | *10.3 | *10.3 | 9.92 | *12.7 | 7.40 | *11.6 | 5.81 | *9.72 | 4.70 | *8.24 | 3.89 | 6.88 | | | 3.72 | *5.04 | 9.35 |
| Rock bucket | -4 | *12.0 | *12.0 | 10.2 | *11.8 | 7.55 | *9.98 | 5.91 | *8.39 | 4.82 | *6.90 | | | | | | | |
| Shoes 600 mm | -5 | *11.3 | *11.3 | *9.83 | *9.83 | 7.74 | *8.33 | 6.11 | *6.74 | | | | | | | | | |

Notes: 1. Ratings are based on SAE J1097.
2. Lifting capacity of the EX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook (not standard equipment) loaded 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

- H/P mode control
- E mode control
- 40 A alternator
- Dual element dry type air filter (with evacuator valve)
- Cartridge-type engine oil filter
- Cartridge-type engine oil bypass filter
- Cartridge type fuel filter
- Radiator and oil cooler with dust protective net
- Radiator reserve tank
- Fan guard
- Isolation-mounted engine
- Auto-idle system

HYDRAULIC SYSTEM

- Work mode selector
- Engine speed sensing system
- E-P control system
- Quick warm-up system for pilot circuit
- Shockless valve in pilot circuit
- Anti-drift valve for boom down, arm roll in
- Control valve with main relief Valve
- Extra port for control valve
- Suction filter
- Full-flow filter
- Pilot filter

CAB

All-weather sound-suppressed steel cab equipped with reinforced, tinted (bronze color) glass windows, 6 fluid-filled elastic mounts, openable front windows (upper, lower) and left side windows, intermittent windshield retractable wiper, front window washer, adjustable reclining seat with adjustable armrests, footrest, electric double horn, auto-tuning radio with digital clock, auto-idle switch, seat belt, cigarette lighter, ashtray, parcel pocket, glove compartment, floor mat, heater, and pilot control shut-off lever.

MONITOR SYSTEM

- Meters
- Hourmeter, engine coolant temperature gauge and fuel meter.
- Warning lamps: Alternator charge, engine oil pressure, engine overheat, air cleaner clog and minimum fuel level.
- Pilot lamps: Engine preheat, engine oil level, engine coolant level and hydraulic oil level.
- Alarm buzzers: Engine oil pressure and engine overheat

LIGHTS

- 2 working lights

UPPERSTRUCTURE

- Undercover
- 6800kg counterweight
- Fuel level float
- Hydraulic oil level gauge
- Tool box
- Utility space
- Rearview mirror (right side) (left side option)
- Swing parking brake

UNDERCARRIAGE

- Travel parking brake
- Travel motor covers
- Track guards and hydraulic track adjuster
- Bolt-on sprocket
- Upper rollers and lower rollers
- Reinforced track links with pin seals
- 600mm triple grouser shoes.

FRONT ATTACHMENTS

- HN bushing
- Bucket clearance adjust mechanism
- Remote lubrication system
- Dirt seals on all bucket pins
- 3.20m arm
- 1.62m³ (PCSA heaped) bucket

MISCELLANEOUS

- Standard tool kit
- Lockable machine covers
- Lockable fuel filling cap
- Skid-resistant tapes and handrails

EX350H/350LCH (Heavy-duty version)

- H-boom 6.40m and H-arm 3.20m
- 1.38m³ (PCSA heaped) H-rock bucket
- Reinforced undercover for upperstructure
- 7 550kg H-counterweight
- H-track guard
- Electric lubricator with hose reel
- Suspension seat

EX370HD (Heavy-duty deluxe version)

- Headguard-integrated cab (pressurized type)
- H-boom 6.40m and H-arm 3.20m
- 1.50m³ (PCSA heaped) HD-rock bucket
- Reinforced undercover for upperstructure
- 7 550kg H-counterweight
- HD-track guard
- EX400 classes undercarriage
- Electric lubricator with hose reel
- Suspension seat



OPTIONAL EQUIPMENT

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

- Air conditioner
- Suspension seat
- Headguard-integrated cab
- AM-FM radio
- Hose rupture valves
- Electric fuel feed pump
- Swing motion alarm device with lamps
- Travel motion alarm device with cancel switch
- Additional pump
- Piping kit for extra valve port
- Additional valve with piping kit
- Tropical cover

- H-boom 6.40m (Installation is possible with 7 550kg H-counterweight installation.)
- H-arm 3.20m
- 1.38m³: (PCSA heaped) H-rock bucket
- 1.50m³: (PCSA heaped) HD-rock bucket
- Front glass guard (lower & upper)
- Reinforced undercover for upperstructure
- 7 550kg H-counterweight
- H-track guard
- Full track guard
- Fuel double element
- Electric lubricator with hose reel
- Sunshade (for EX300-5)
- Sunvisor (for EX370HD-5)

◎Hitachi Construction Machinery Co.,Ltd.

Head office:Nippon Bldg., 6-2, 2-chome, Ohtemachi,
Chiyoda-ku, Tokyo 100-0004, Japan

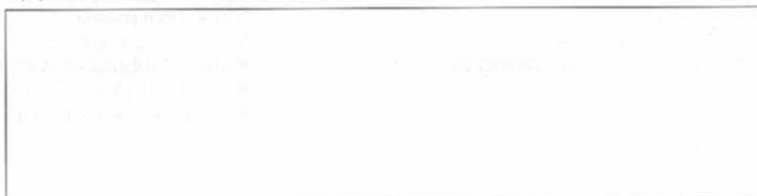
Telephone :Tokyo(03)3245-6390

Facsimile :Tokyo(03)3246-2609

KS-E248

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