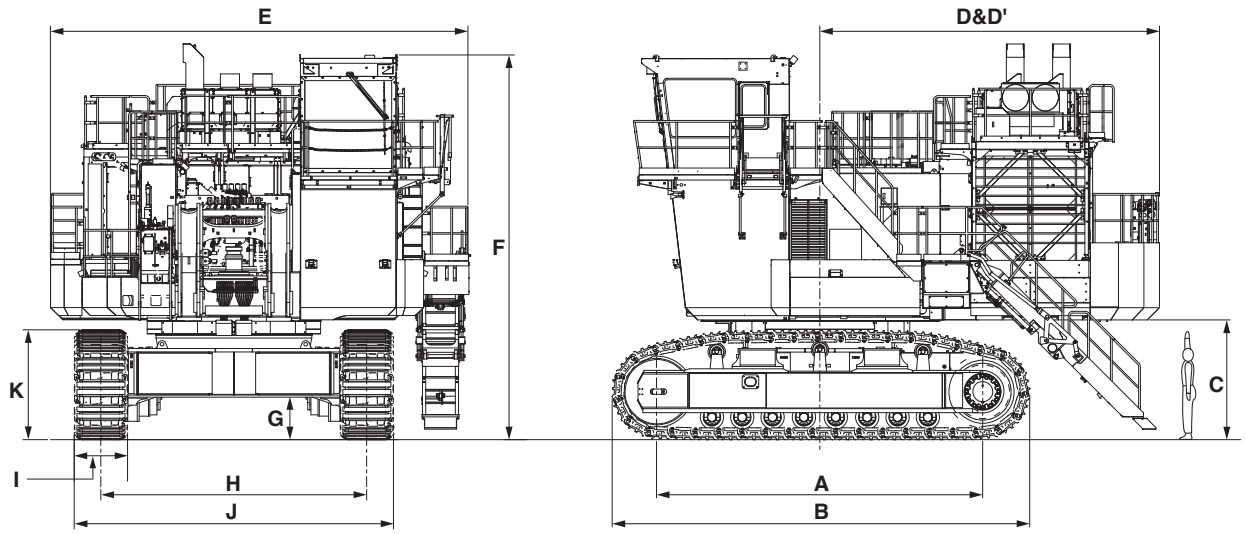
HITACHI

Reliable solutions

# EX2600

## SPECIFICATIONS




Illustrations show (Cummins Tier 4 Final) diesel engine type

| | | |
|---|---|---|
| A | Distance between tumblers | 6 120 mm |
| B | Undercarriage length | 7 870 mm |
| C | Counterweight clearance | 2 130 mm |
| D | Rear-end swing radius | 6 490 mm |
| D' | Rear-end length | 6 390 mm |
| E | Overall width of upperstructure | 8 040 mm |
| F | Overall height of cab | 7 250 mm |
| G | Min. ground clearance | 770 mm |
| H | Track gauge | 5 000 mm |
| I | Track shoe width | 1 000 mm |
| J | Undercarriage width | 6 000 mm |
| K | Track height | 2 060 mm |

## HYDRAULIC EXCAVATOR

**EX2600-7B with Diesel Engine (Tier 4 Final)** Engine Rated Power : Cummins : 1 119 kW (1 520 PS)
MTU : 1 150 kW (1 563 PS)
Operating Weight : Cummins : Loading Shovel : 259 000 kg
Backhoe : 257 000 kg
MTU : Loading Shovel : 261 000 kg
Backhoe : 259 000 kg

**EX2600-7 with Diesel Engine (FCO)** Engine Rated Power : Cummins : 1 119 kW (1 520 PS)
MTU : 1 150 kW (1 563 PS)
Operating Weight : Cummins : Loading Shovel : 258 000 kg
Backhoe : 256 000 kg
MTU : Loading Shovel : 260 000 kg
Backhoe : 258 000 kg

**EX2600-7 with Electric Motor** Power Output : 860 kW

**Bucket Capacity** Loading Shovel Bucket : (ISO7546 Heaped 2 : 1) : 15.0 - 16.5 $m^3$
Backhoe Bucket : (ISO7451 Heaped 1 : 1) : 17.0 $m^3$

# SPECIFICATIONS

**EX2600-7**

## ENGINE

| | |
|---|---|
| Model | Cummins QSKTA50-CE |
| Emission certification | U.S. EPA Tier 4 Final |
| Type | Water-cooled, 4-cycle, 16-cylinder turbo-charged and after-cooled, direct injection chamber-type diesel engine, urea SCR system, Fan clutch |
| Rated power @1 800 min$^{-1}$(rpm) ISO14396 | 1 119 kW (1 520 PS) |
| Maximum torque | 6 570 N·m (670 kgf·m) at 1 400 min$^{-1}$ (rpm) |
| Piston displacement | 50.0 L |
| Bore and stroke | 159 mm x 159 mm |
| Starting system | 24 V electric motor |
| Batteries | 4 x 12 V, 4 x 185 AH (20hr) |

| | |
|---|---|
| Model | Cummins QSKTA50-CE |
| Emission certification | Fuel consumption optimized |
| Type | Water-cooled, 4-cycle, 16-cylinder turbo-charged and after-cooled, direct injection chamber-type diesel engine, Fan clutch |
| Rated power @1 800 min$^{-1}$(rpm) ISO14396 | 1 119 kW (1 520 PS) |
| Maximum torque | 6 570 N·m (670 kgf·m) at 1 400 min$^{-1}$ (rpm) |
| Piston displacement | 50.0 L |
| Bore and stroke | 159 mm x 159 mm |
| Starting system | 24 V electric motor |
| Batteries | 4 x 12 V, 4 x 185 AH (20hr) |

| | |
|---|---|
| Model | MTU 12V 4000 C15 |
| Emission certification | U.S. EPA Tier 4 Final |
| Type | Water-cooled, 4-cycle, 12-cylinder 2-stage turbo-charged and after-cooled, direct injection chamber-type diesel engine, Miller cycle, Cooled EGR, Fan clutch |
| Rated power @1 800 min$^{-1}$(rpm) ISO14396 | 1 150 kW (1 563 PS) |
| Maximum torque | 7 351 N·m (750 kgf·m) at 1 494 min$^{-1}$ (rpm) |
| Piston displacement | 57.2 L |
| Bore and stroke | 170 mm x 210 mm |
| Starting system | 24 V electric motor |
| Batteries | 4 x 12 V, 4 x 185 AH (20hr) |

| | |
|---|---|
| Model | MTU 12V 4000 C13R |
| Emission certification | Fuel consumption optimized |
| Type | Water-cooled, 4-cycle, 12-cylinder turbo-charged and after-cooled, direct injection chamber-type diesel engine, Fan clutch |
| Rated power @1 800 min$^{-1}$(rpm) ISO14396 | 1 150 kW (1 563 PS) |
| Maximum torque | 7 351 N·m (750 kgf·m) at 1 494 min$^{-1}$ (rpm) |
| Piston displacement | 57.2 L |
| Bore and stroke | 170 mm x 210 mm |
| Starting system | 24 V electric motor |
| Batteries | 4 x 12 V, 4 x 185 AH (20hr) |

## HYDRAULIC SYSTEM

Hitachi's ETS (Electronic Total control System) can achieve maximum job efficiency by reducing fuel consumption and noise levels, while maximizing productivity through the optimization of engine-pump functions with excellent controllability increasing operator comfort.

- E-P Control (Computer-aided Engine-Pump Control system)
  Main pumps regulated by electric engine speed sensing control system.
- OHS (Optimum Hydraulic System)
  6 main pumps and 3 valves system enable both independent and combined operations of all functions.
- FPS (Fuel-saving Pump System)
  FPS minimizes energy loss with superior performance in fine control.
- Auto-idling system for saving fuel and reducing noise.
- Hydraulic drive cooling-fan system for oil cooler.
- Forced-lubrication and forced-cooling pump drive system.
- Regeneration circuit for boom down.

| | |
|---|---|
| Main pumps | 6 variable-displacement, axial piston pumps for front attachment, travel and swing |
| Max. oil flow | 4 X 375 L/min, 2 X 425 L/min |
| Pilot pump | 1 gear pump |
| Max. oil flow | 108 L/min |

### Relief Valve Settings

| | |
|---|---|
| Implement circuit | 29.4 MPa (300 kgf/cm²) |
| Swing circuit | 27.4 MPa (280 kgf/cm²) |
| Travel circuit | 29.4 MPa (300 kgf/cm²) |
| Pilot circuit | 4.0 MPa ( 41 kgf/cm²) |

### Hydraulic Cylinders

High-strength piston rods and tubes adopted. Cylinder cushion mechanisms are provided for boom, arm, bucket and dump cylinders. Bucket cylinders of loading shovel are provided with protector.

### Cylinder Dimensions
### Loading shovel

| | Quantity | Bore | Rod diameter |
|---|---|---|---|
| Boom | 2 | 310 mm | 230 mm |
| Arm | 1 | 280 mm | 210 mm |
| Bucket | 2 | 250 mm | 180 mm |
| Dump | 2 | 215 mm | 130 mm |
| Level | 1 | 310 mm | 230 mm |

### Backhoe

| | Quantity | Bore | Rod diameter |
|---|---|---|---|
| Boom | 2 | 310 mm | 230 mm |
| Arm | 2 | 280 mm | 200 mm |
| Bucket | 2 | 230 mm | 170 mm |

### Hydraulic Filters

All hydraulic circuits have high-quality hydraulic filters for protection against oil contamination and longer life of hydraulic components.

| | Quantity | |
|---|---|---|
| Full flow filter | 3 | 10 µm |
| High pressure strainer (In main & swing pump delivery line) | 6 | 120 µm |
| Drain filter (For all plunger type pumps & motors) | 1 | 10 µm |
| By-pass filter (In oil cooler by-pass line) | 1 | 5 µm |
| Pilot filter | 1 | 10 µm |

These filters are centralized in arrangement for facilitating maintenance.

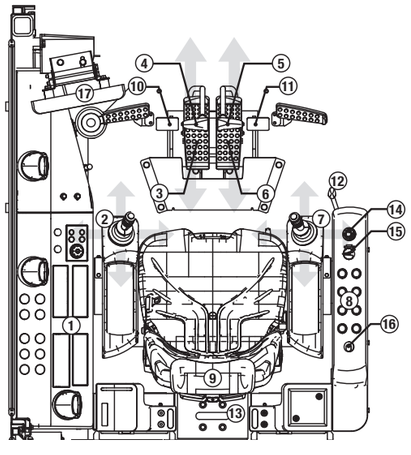
## CONTROLS

### 2 Implement Levers

Electric joystick control levers. Right lever is for boom and bucket control, left lever for swing and arm control. For loading shovel, 2 pedals provided for opening/closing the bottom dump bucket.

### 2 Travel Levers with Pedals

Remote-controlled hydraulic servo system. Independent drive at each track allows counter rotation of tracks.



① Left Console
② Left Control Lever/Horn Switch
③ Left Travel Pedal
④ Left Travel Lever
⑤ Right Travel Lever
⑥ Right Travel Pedal
⑦ Right Control Lever/Horn Switch
⑧ Right Console
⑨ Operator's Seat
⑩ Bucket Close Pedal (for Loading Shovel)
⑪ Bucket Open Pedal (for Loading Shovel)
⑫ Pilot Control Shut-Off Lever
⑬ Rear Console
⑭ Emergency Engine Stop Switch
⑮ Engine Speed Control Dial
⑯ Key Switch
⑰ Monitor Display

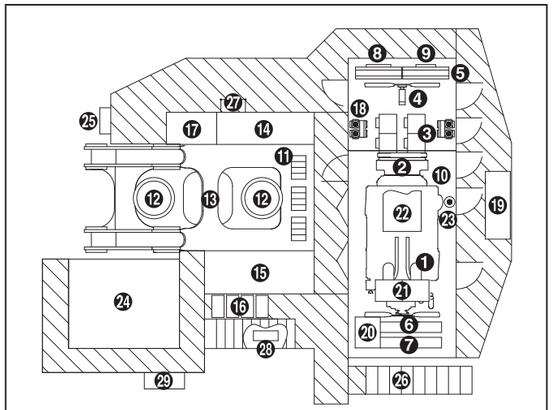
## UPPERSTRUCTURE

### Revolving Frame

A deep, full-reinforced box section. Heavy-gauge steel plates used for ruggedness.

### Deck Machinery

Maintenance accessibility is the major feature in the layout of deck machinery. Sidewalks provide easy access to engine, hydraulic and electrical components. ISO-met stairs and handrails. Sidewalks and stairs are provided with skid-resistant plates.



❶ Diesel Engine
❷ Pump Drive Unit
❸ Hydraulic Pump x 6
❹ Hydraulic Oil Cooling Fan Motor
❺ Hydraulic Oil Cooler
❻ Engine Radiator
❼ LTA Radiator
❽ Fuel Cooler
❾ Pump Transmission Oil Cooler
❿ Engine-Pump Bulkhead
⓫ Control Valve x 3
⓬ Swing Device x 2
⓭ Center Joint
⓮ Hydraulic Tank
⓯ Fuel Tank
⓰ Battery
⓱ Lubricator
⓲ High Pressure Strainer x 6
⓳ DEF Tank (Only for Cummins Tier 4 F)
⓴ Reserve Tank (Coolant)
㉑ Air Filter x 2 (Outer/Inner)
㉒ Muffler
㉓ Fuel Filter
㉔ Cab
㉕ Ladder
㉖ Folding Stairs
㉗ Ladder
㉘ Isolation SW Box
㉙ Emergency escape chute

### Swing Device

2 high-torque, axial-piston motors with two-stage planetary gear bathed in oil. Swing circle with dirt seals is a heavy-duty, triple-row, cylindrical roller bearing. Induction-hardened internal swing circle gear and pinion immersed in lubricant. Parking brake of spring-set/hydraulic-released disc type. This parking brake is manually releasable.

Swing speed ..... 4.1 min$^{-1}$ (rpm)

### Operator's Cab

The sturdy cab, with OPG top guard level II (ISO), helps protect the operator from falling objects. Independent, pressurized, 1 800 mm wide, 2 150 mm high, roomy 7.5m³ cab with tinted-glass windows features all-round visibility. Air-suspension type, fully adjustable reclining seat with armrests; movable with or without front & swing control levers by slide. Instruments and control panel are within easy reach of the operator. 3 air conditioner system.

Noise level ..... 72 dB(A) in the cab; on max. engine speed under no-load condition
Eye level height ..... 6 290 mm

# SPECIFICATIONS

## UNDERCARRIAGE

### Tracks

Shovel-type undercarriage. Dual-flanged-type bolt linkage for side frame and X-form center frame assures durability. Heavy-duty track frame of all-welded, stress-relieved structure. Top-grade materials used for toughness. Lifetime-lubricated induction-hardened track rollers, idlers and drive tumblers with floating seals. Opposed double-type upper rollers for easy removal of mud. Track shoes of induction-hardened cast steel with triple grousers. Specially heat-treated connection pins. Hydraulic track adjuster provided with $N_2$ gas accumulator with relief valve. Track adjuster provided with protection device against abnormal tension. Travel motion alarm device.

### Shovel-type Undercarriage

Triple grouser track shoes of induction-hardened cast steel.
Shoe width ..... 1 000 mm

### Numbers of Rollers and Shoes (each side)

Upper rollers ..... 3
Lower rollers ..... 8
Track shoes ..... 39

### Travel Device

Each track driven by high-torque, axial piston motors, allowing counter rotation of tracks. 2-stage planetary gear plus spur gears reduction device. Dual-support-type traction device. Parking brake of spring-set/ hydraulic-released disc type. This parking brake is manually releasable.

Travel speeds ..... High : 0 to 2.3 km/h
Low : 0 to 1.6 km/h
Maximum traction force ..... 1 330 kN (135 600 kgf)
Gradeability ..... 58 %(30 degree) max.

## SERVICE REFILL CAPACITIES

### Cummins

| | liters |
|---|---|
| Fuel tank | 5 300 |
| Engine coolant (T4F/FCO) | 476 / 476 |
| Engine oil pan | 290 |
| Pump drive | 30 |
| Swing drive device (2 units) | 2 x 100 |
| Travel drive device (2 units) | 2 x 137 |
| Hydraulic system | 3 170 |
| Hydraulic oil tank | 1 320 |
| DEF tank (only Tier 4 final specificaiton) | 356 |

### MTU

| | liters |
|---|---|
| Fuel tank | 5 300 |
| Engine coolant (T4F) | 621 |
| Engine oil pan | 330 |
| Pump drive | 30 |
| Swing drive device (2 units) | 2 x 100 |
| Travel drive device (2 units) | 2 x 137 |
| Hydraulic system | 3 170 |
| Hydraulic oil tank | 1 320 |

## WEIGHTS AND GROUND PRESSURE

### Loading Shovel

Equipped with 15.0 m³ (ISO heaped) bottom dump bucket

| Shoe type | Shoe width | | | Operating weight | Ground pressure |
|---|---|---|---|---|---|
| Triple grousers | 1 000 mm | Cummins | FCO | 258 000 kg | 188 kPa |
| | | | T4F | 259 000 kg | 189 kPa |
| | | MTU | FCO | 260 000 kg | 189 kPa |
| | | | T4F | 261 000 kg | 190 kPa |

Ground pressures are based on ISO 16754

### Backhoe

Equipped with 8.7 m boom, 3.9 m arm, and 17.0 m³ (ISO heaped) bucket

| Shoe type | Shoe width | | | Operating weight | Ground pressure |
|---|---|---|---|---|---|
| Triple grousers | 1 000 mm | Cummins | FCO | 256 000 kg | 187 kPa |
| | | | T4F | 257 000 kg | 187 kPa |
| | | MTU | FCO | 258 000 kg | 188 kPa |
| | | | T4F | 259 000 kg | 189 kPa |

Ground pressures are based on ISO 16754



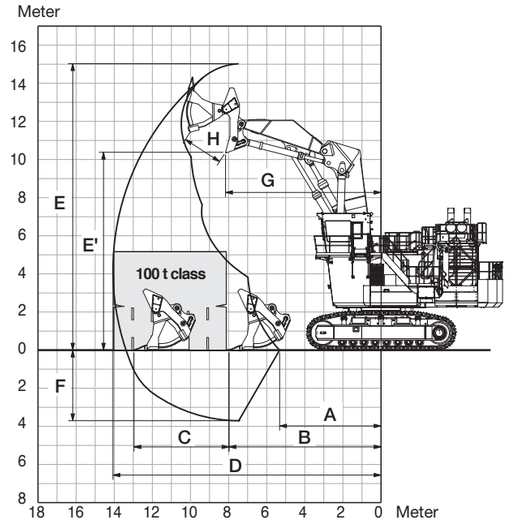
# SPECIFICATIONS

**EX2600-7**

## LOADING SHOVEL ATTACHMENTS

Boom and arm are of all-welded, low-stress, high-tensile strength steel full-box section design. Efficient, automatic level crowing achieved by one-lever control as the parallel link mechanism keeps the bucket digging angle constant, and level cylinder circuit maintains the bucket height constant (Auto-Leveling Crowd Mechanism). Auto-lubrication system for all pins is standard.

## WORKING RANGES




Unit: mm

| Bucket capacity ISO 7456 (Heaped 2:1) | 15.0 m³ |
|---|---|
| A Min. digging distance | 5 340 |
| B Min. level crowding distance | 7 980 |
| C Level crowding distance | 4 980 |
| D Max. digging reach | 14 060 |
| E Max. cutting height | 15 010 |
| E' Max. dumping height | 10 350 |
| F Max. digging depth | 3 720 |
| G Working radius at max. dumping height | 8 140 |
| H Max. bucket opening width | 2 150 |
| Arm crowding force on ground | 918 kN (93 600 kgf) |
| Bucket digging force | 943 kN (96 200 kgf) |

| Bucket capacity ISO 7456 (Heaped 2:1) | 16.5 m³ |
|---|---|
| A Min. digging distance | 5 200 |
| B Min. level crowding distance | 8 240 |
| C Level crowding distance | 4 960 |
| D Max. digging reach | 14 300 |
| E Max. cutting height | 15 250 |
| E' Max. dumping height | 10 350 |
| F Max. digging depth | 3 960 |
| G Working radius at max. dumping height | 8 140 |
| H Max. bucket opening width | 2 150 |
| Arm crowding force on ground | 907 kN (92 500 kgf) |
| Bucket digging force | 873 kN (89 000 kgf) |

### Bucket

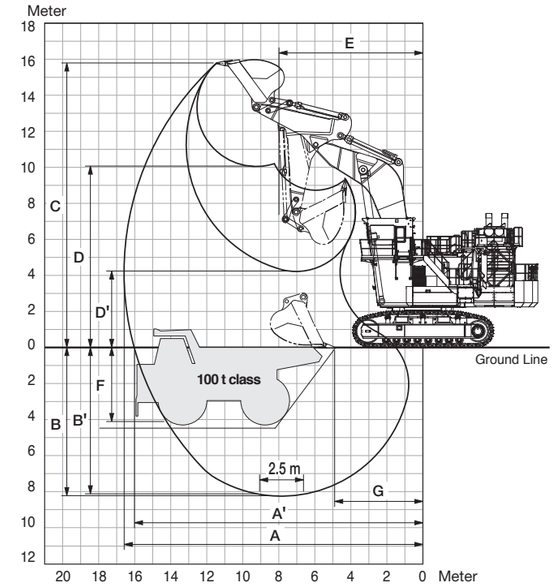
| Capacity ISO 7456 (Heaped 2:1) | Width | No.of teeth | Weight | Materials density |
|---|---|---|---|---|
| *1 15.0 m³ | 3 590 mm | 6 | 20 300 kg | 1 800 kg/m³ or less |
| *2 16.5 m³ | 3 590 mm | 6 | 20 700 kg | 1 600 kg/m³ or less |

*1 : Bottom dump type general purpose bucket
*2 : Bottom dump type light duty bucket

## BACKHOE ATTACHMENTS

Boom and arm are of all-welded, low-stress, full-box section design. Bucket of all-welded, high-strength steel structure. Bucket/arm joint pins are floating type.
Replaceable thrust plates are provided with bucket/arm joint part. Auto-lubrication system for all pins is standard.

## WORKING RANGES




Unit: mm

| BE-boom length | 8.7 m |
|---|---|
| BE-arm length | 3.9 m |
| Bucket capacity ISO 7451 (Heaped 1:1) | 17.0 m³ |
| A Max. digging reach | 16 600 |
| A' Max. digging reach (on ground) | 16 050 |
| B Max. digging depth | 8 250 |
| B' Max. digging depth (2.5 m level) | 8 150 |
| C Max. cutting height | 15 800 |
| D Max. dumping height | 10 100 |
| D' Min. dumping height | 4 250 |
| E Min. swing radius | 7 990 |
| F Max. vertical wall | 4 110 |
| G Min. level crowding distance | 4 900 |
| Bucket digging force (ISO)* | 830 kN (84 600 kgf) |
| Arm crowd force (ISO)* | 785 kN (80 000 kgf) |

*This is the calculated value at the loading point (Cutting Edge) conforming to ISO.

### Bucket

| Capacity ISO 7451 (Heaped 1:1) | Width: With side cutters | Width: Without side cutters | No.of teeth | Weight | Materials density |
|---|---|---|---|---|---|
| *3 17.0 m³ | 3 580 mm | - | 5 | 15 600 kg | 1 800 kg/m³ or less |

*3 : General purpose bucket

# EQUIPMENT

**EX2600-7**

## STANDARD EQUIPMENT

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

### ENGINE
- Auto-idle system
- Cartridge-type engine oil filter
- Cartridge-type fuel filter
- Emergency engine stop system
- Fan guard
- Heavy-duty type air cleaner with dust ejector
- Isolation-mounted engine
- Pre-lubrication system
- Radiator reserve tank
- Water filter
- 140 A alternator

### HYDRAULIC SYSTEM
- Bypass filter
- Control valve with main relief valve
- Drain filter
- E-P control system
- Forced-lubrication and forced-cooling pump drive system
- FPS (Fuel-saving Pump System)
- Full-flow filter
- High-pressure strainer
- Hydraulic drive cooling-fan system
- OHS (Optimum Hydraulic System)
- Pilot filter
- Regeneration circuit for boom down function
- Suction filter

### CAB
- Adjustable reclining seat with air suspension
- Air conditioner* with defroster
- Air horn with electric compressor
- Auto-tuning AM-FM radio with digital clock
- Evacuation hammer
- Floor mat
- Fluid-filled elastic mounts
- Footrest
- Front windshield washer
- Hot & cool-box
- Laminated glass windshield (Front)
- OPG top guard level II (ISO10262)
- Parallel-link-type intermittent windshield wiper
- Pilot control shut-off lever
- Rearview mirror
- Reinforced/tinted (Green color) glassside and rear windows
- Roll screens
- Seat belt
- Storage spaces
- Trainer's seat

### MONITOR SYSTEMS
- Meters:
  Ambient temperature
  Clock
  DEF gauge (only for cummins Tier4F)
  Engine coolant temperature gauge
  Engine oil pressure gauge
  Engine oil temperature gauge
  Fuel gauge
  Grease gauge
  Hour meter
  Hydraulic oil temperature gauge
  Inclinometer
  Tachometer

### DATA LOGGING SYSTEM
- DLU (Data-Logging Unit) continuously records performance of the engine and the hydraulic system. The record can be downloaded by PC.
  And for Fleet management system (Provided by Wenco etc.) connection**
- WIU (Wireless Interface Unit)

### LIGHTS
- 2 entrance halogen lights
- 9 working LED lights
- 1 working halogen light
- 4 maintenance halogen lights

### UPPERSTRUCTURE
- Cab riser pressurizer
- Dual isolator switch
- Electronic cylinder stroke control system
- Emergency escape device
- Folding stairs with wide steps
- Hydraulic drive grease gun with hose reel
- Lockable machine doors
- Swing parking brake
- 30 000 kg counterweight(Inc. bolt etc.)

### UNDERCARRIAGE
- Grease-less center joint
- Hydraulic track adjuster with N2 gas accumulator with relief valve
- Travel motion alarm device
- Travel parking brake
- Swing circle excess grease scraper
- Swing circle lubrication piping protection
- 1 000 mm triple grouser shoes

### MISCELLANEOUS
- Auto-lubrication system (Lincoln) for front-attachment pins, swing bearing.
- Recirculation air filter for air conditioner
- Stairs and handrails (ISO compliant)
- Stop valve for transport and reassembly
- Ventilation air filter for air conditioner
- 12 V power terminal board

### FAST-FILLING SYSTEM
- Fast-filling system for fuel, hydraulic oil, coolant, swing device oil, pump transmission oil, engine oil, and grease (Couplers not included).
  DEF (only for Cummins Tire4F)

## OPTIONAL EQUIPMENT

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

- Aerial Angle
- Cold weather package
- Communication system (Alternative)**
  GPRS communication system Satellite data transmitting system
- Fast-filling couplers (Wiggins)
- Standard tool kit
- Travel motor guard
- Travel transmission guard
- Truck under cover
- 4 color monitor cameras ; 2 front and 2 rear
- Additional Fuel Filter (PARKER FBO-14)

* Contains fluorinated greenhouse gases, Refrigerant type: HFC-134a, GWP: 1430, Amount: 2.80 kg, CO2e: 4.00 ton.

** The availability of the system depends on licensing regulations in each country.
Please contact Hitachi dealer for more information.



# MEMO

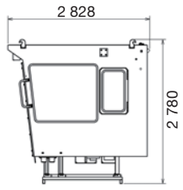
# TRANSPORTATION

**Illustrations show T4F Cummins engine type.**
• Easily assembled owing to local assembling system requiring no welding.

## UPPERSTRUCTURE

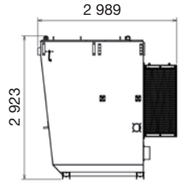
Unit: mm

**Cab assembly**
Weight : 1 800 kg



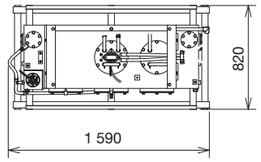

Width : 1 876

**Cab bed**
Weight : 2 860 kg



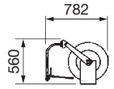

Width : 1 938

**Urea tank**
Weight : 377 kg



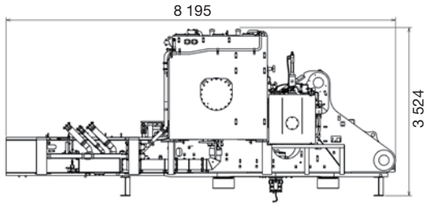

Width : 1 055
Only for Cummins Tier4F

**Hose real**
Weight : 54 kg



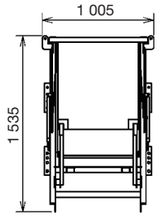

Width : 265

**Basic machine**
Weight : 36 800 kg

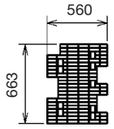



Width : 3 590

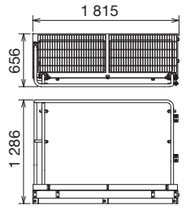
**Escape device**
Weight : 192 kg



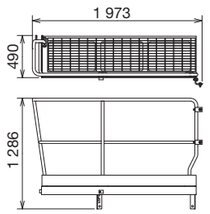

**Step**
Weight : 8.2 kg



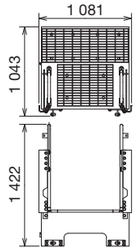

**Step assembly**
Weight : 70 kg



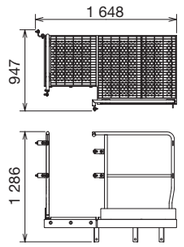

**Step assembly**
Weight : 78 kg



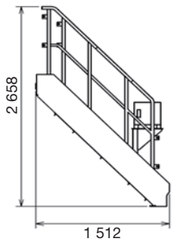

**Step assembly**
Weight : 208 kg



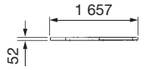

**Step assembly**
Weight : 109 kg




**Step**
Weight : 175 kg

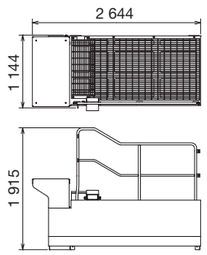



**Cover**
Weight : 3.3 kg

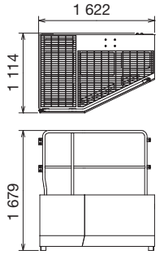



Width : 40

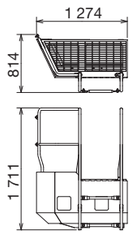
**Fender assembly**
Weight : 383 kg



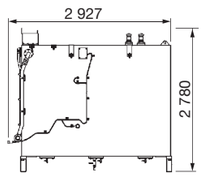

**Fender assembly**
Weight : 205 kg




**Fender assembly**
Weight : 121 kg

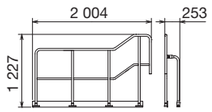



**Fuel tank**
Weight : 2 140 kg




Width : 1 302

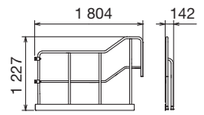
**Handrail assembly**
Weight : 32 kg



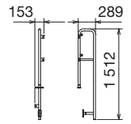



Unit: mm

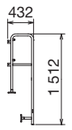
**Handrail assembly**
Weight : 29 kg



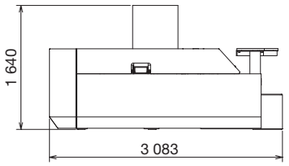

**Handrail**
Weight : 9 kg




**Handrail**
Weight : 10 kg

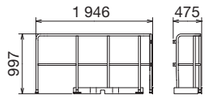



**Fender assembly**
Weight : 893 kg

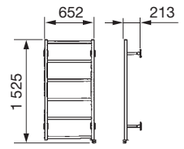



Width : 1 869

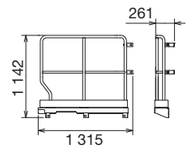
**Handrail**
Weight : 33 kg



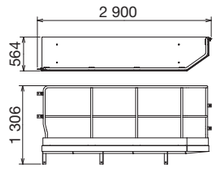

**Ladder**
Weight : 20 kg



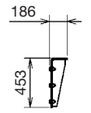

**Step assembly**
Weight : 37 kg




**Step assembly**
Weight : 140 kg




**Bracket**
Weight : 10 kg × 2

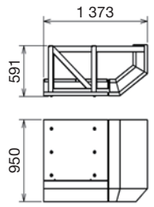



Width : 107

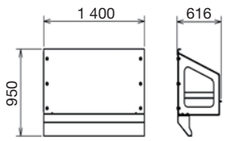
**Bracket**
Weight : 15.5 kg × 2


Width : 125

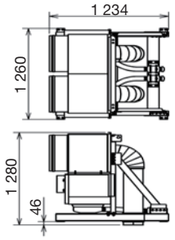
**Fender**
Weight : 105 kg



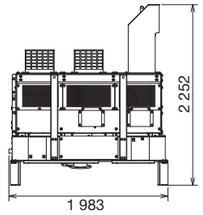

**Fender assembly**
Weight : 117 kg




**Intake unit**
Weight : 320 kg



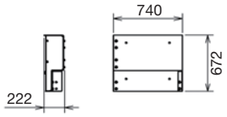

**Exhaust unit**
Weight : 1 010 kg



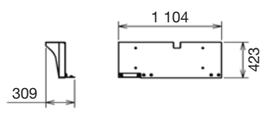

Width : 2 000

**Step**
Weight : 8 kg

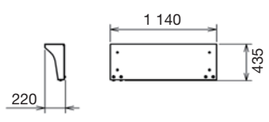

**Step**
Weight : 46.8 kg



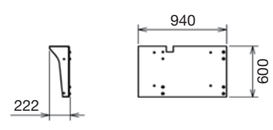

**Step**
Weight : 30 kg



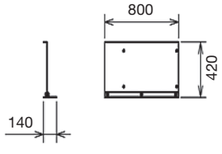

**Step**
Weight : 27.1 kg




**Step**
Weight : 41.3 kg




**Step**
Weight : 13.8 kg



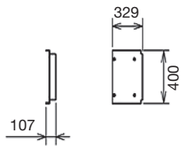
# TRANSPORTATION

**Illustrations show diesel engine type.**
• Easily assembled owing to local assembling system requiring no welding.

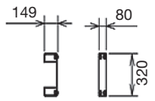
## UPPERSTRUCTURE

Unit: mm

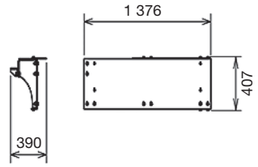
**Step**
Weight : 4.4 kg



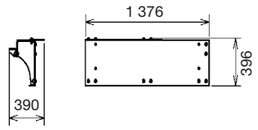

**Step bracket**
Weight : 2.8 kg



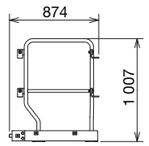

**Step**
Weight : 53.1 kg




**Step**
Weight : 53.1 kg

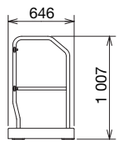



**Handrail**
Weight : 15.6 kg



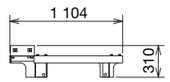

Width : 150

**Handrail**
Weight : 11.5 kg



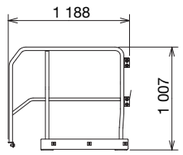

Width : 100

**Handrail**
Weight : 30.0 kg



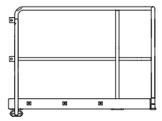

Width : 443

**Handrail**
Weight : 18.0 kg



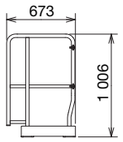

Width : 298

**Handrail**
Weight : 27.5 kg



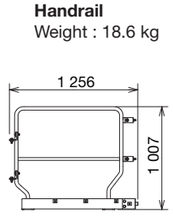
Width : 331

**Handrail**
Weight : 13.4 kg



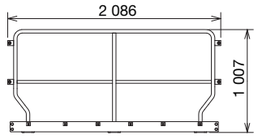

Width : 100

**Handrail**
Weight : 18.6 kg



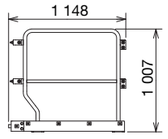

Width : 173

**Handrail**
Weight : 26.6 kg



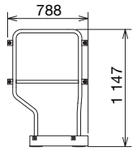

Width : 80

**Handrail**
Weight : 17.5 kg



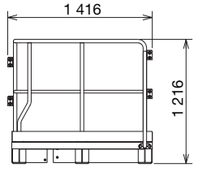

Width : 150

**Handrail**
Weight : 12.3 kg



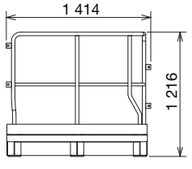

Width : 80

**Handrail**
Weight : 81.1 kg



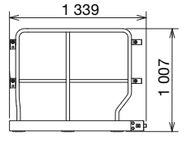

Width : 607

**Handrail**
Weight : 75.5 kg



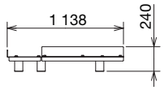

Width : 396

**Handrail**
Weight : 21.3 kg



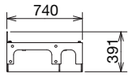

Width : 150

**Handrail**
Weight : 26.2 kg



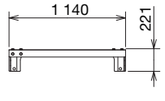

Width : 420

**Handrail**
Weight : 49.8 kg



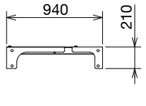

Width : 667

**Handrail**
Weight : 27.1 kg



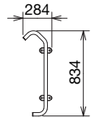

Width : 434

**Handrail**
Weight : 41.1 kg



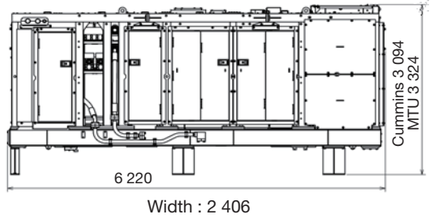

Width : 600

**Handrail**
Weight : 4.85 kg



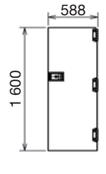

Width : 208

**Engine unit**
Cummins FCO 19 300 kg
Cummins Tier4F 19 400 kg
MTU FCO 20 900 kg
MTU Tier4F 22 100 kg




Width : 2 406

**Fuel tank side door**
Weight : 25.9 kg




Width : 50

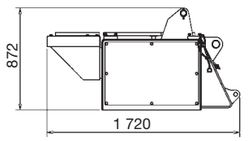
**Oil tank side door**
Weight : 26.4 kg


Width : 50

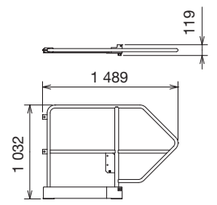


Unit: mm

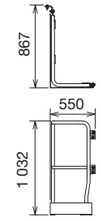
**Box**
Weight : 967 kg



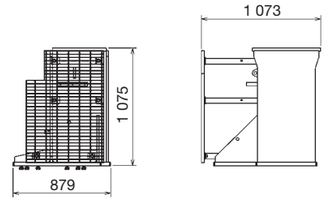

**Handrail**
Weight : 24.7 kg



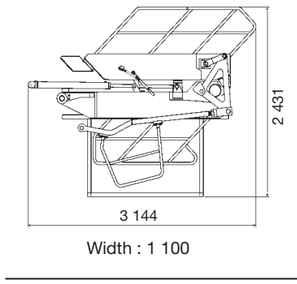

**Handrail**
Weight : 22 kg




**Beam**
Weight : 615 kg

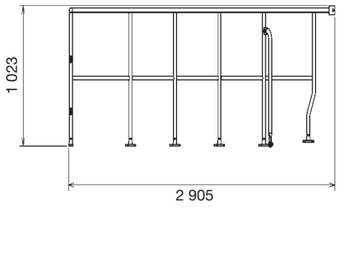



**Step assembly**
Weight : 773 kg

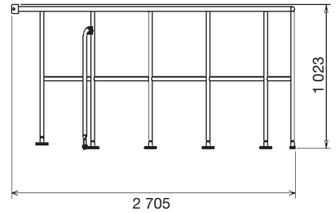



Width : 1 100

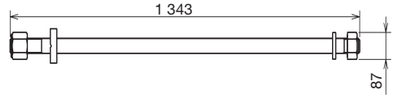
**Handrail**
Weight : 34.7 kg



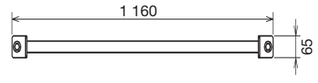

**Handrail**
Weight : 33.4 kg



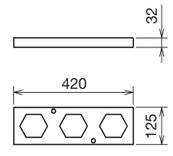

**Bolt assembly**
Weight : 24 kg × 6



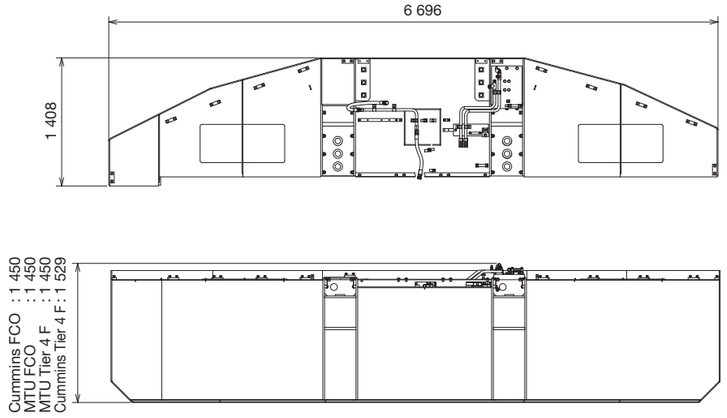

**Handrail**
Weight : 3 kg × 2



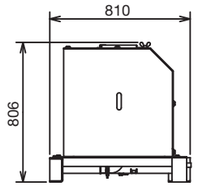

**Stopper**
Weight : 9 kg × 2




**Counterweight**
Weight : 29 800 kg

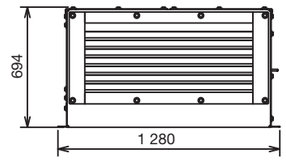



**Water tank assy**
Weight : 170 kg




Width : 1 120

**Air duct assy**
Weight : 117 kg




Width : 686

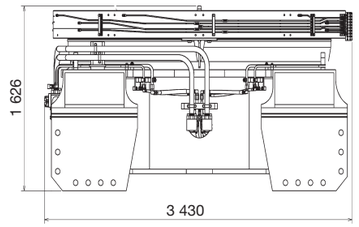
# TRANSPORTATION

**Illustrations show diesel engine type.**
• Easily assembled owing to local assembling system requiring no welding.

## UNDERCARRIAGE

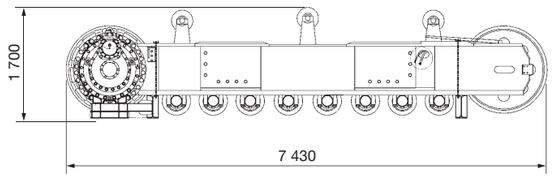
Unit: mm

**Track frame**
Weight : 22 600 kg



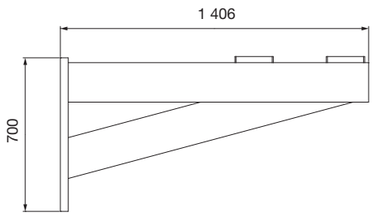

Width : 5 060

**Side frame**
Weight : 19 800 kg × 2



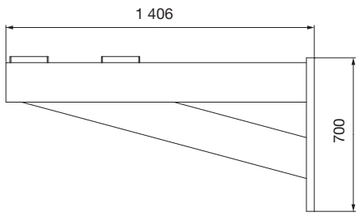

Width : 2 156

**Support (R)**
Weight : 78 kg




Width : 100

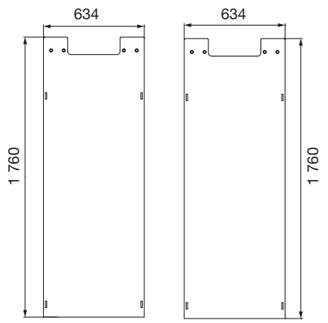
**Support (L)**
Weight : 78 kg




Width : 100

**Cover (R)**
Weight : 138 kg

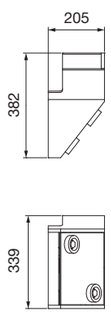
**Cover (L)**
Weight : 138 kg



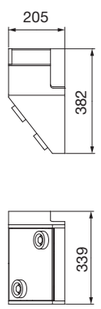

Width : 385

Width : 385

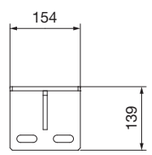
**Guard assembly (R)**
Weight : 24 kg




**Guard assembly (L)**
Weight : 24 kg



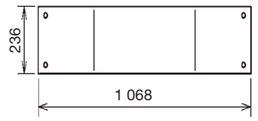

**Bracket (R)(L)**
Weight : 3 kg × 4




Width : 100

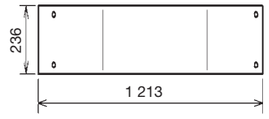


**Cover**
Weight : 18.6 kg × 4



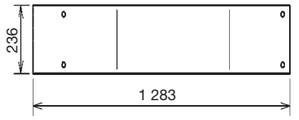

Width : 147

**Cover**
Weight : 21.2 kg × 2



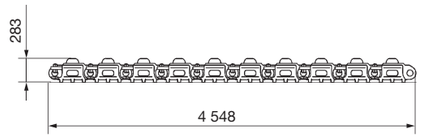

Width : 179

**Cover**
Weight : 23.1 kg × 4



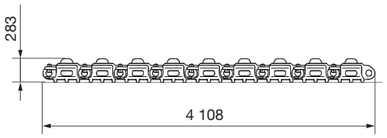

Width : 204

**Link assembly**
Weight : 3 020 kg × 6




Width : 1 000

**Link assembly**
Weight : 2 790 kg × 6




Width : 1 000

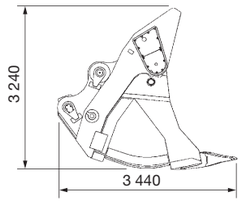
# TRANSPORTATION

**Illustrations show diesel engine type.**
• Easily assembled owing to local assembling system requiring no welding.

## LOADING SHOVEL ATTACHMENTS

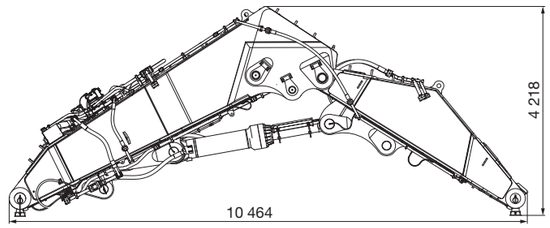
Unit: mm

**Loader bucket (15 m³)**
Weight : 20 300 kg



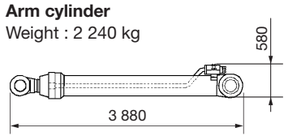

Width : 3 860

**Loader**
Weight : 29 700 kg



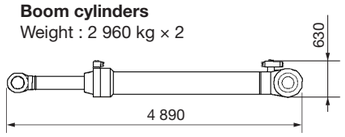

Width : 2 625

**Arm cylinder**
Weight : 2 240 kg



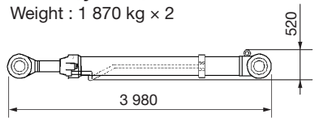

Width : 700

**Boom cylinders**
Weight : 2 960 kg × 2




Width : 490

**Bucket cylinders**
Weight : 1 870 kg × 2

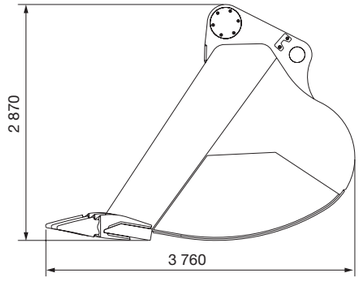



Width : 760

## BACKHOE ATTACHMENTS

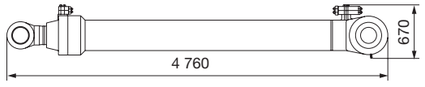
Unit: mm

**Bucket assembly**
**Capacity : 17.0 m³ (ISO heaped)**
Weight : 15 600 kg



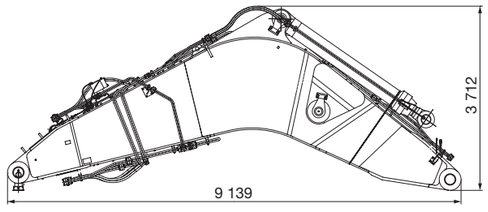

Width : 3 600

**BE-boom assembly**
Weight : 3 120 kg × 2



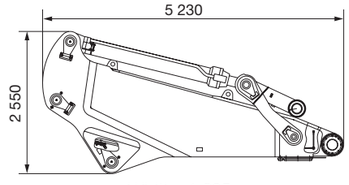

Width : 490

**BE-boom assembly**
Weight : 24 500 kg




Width : 2 340

**BE-arm assembly**
Weight : 16 100 kg

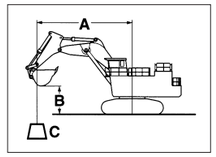



Width : 1 625



# LIFTING CAPACITIES

Notes: 1. Ratings are based on ISO 10567.
2. Lifting capacity of the EX Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) loaded on the back of the bucket.
4. *Indicates load limited by hydraulic capacity.
5. 0 m = Ground.




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

**EX2600-7**

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

| Conditions | Load point height m | Load radius 6.0 m | | 8.0 m | | 10.0 m | | 12.0 m | | 14.0 m | | At max. reach | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | meter |
| BE-boom 8.7 m | 10.0 | | | | | | | *23.2 | *23.2 | | | *10.3 | *10.3 | 15.4 |
| BE-arm 3.9 m | 8.0 | | | | | | | *27.9 | *27.9 | *18.5 | *18.5 | *10.1 | *10.1 | 15.9 |
| Bucket ISO7451 (Heaped1:1): 17.0 m³ | 6.0 | | | | | *33.6 | *33.6 | *32.5 | *32.5 | *26.7 | *26.7 | *10.3 | *10.3 | 16.1 |
| Shoe 1 000 mm | 4.0 | | | | | *51.1 | *51.1 | *39.5 | *39.5 | *31.7 | 29.8 | *11.1 | *11.1 | 15.9 |
| | 2.0 | | | | | *51.5 | 51.5 | *41.3 | 38.5 | *32.6 | 28.4 | *12.3 | *12.3 | 15.4 |
| | 0 (Ground) | | | | | *49.3 | 49.4 | *40.9 | 36.9 | *31.1 | 27.6 | *14.5 | *14.5 | 14.5 |
| | -2.0 | | | *33.2 | *33.2 | *48.8 | 48.8 | *37.2 | 36.4 | *20.3 | *20.3 | | | |
| | -4.0 | *44.4 | *44.4 | *39.3 | *39.3 | *38.8 | *38.8 | *27.7 | *27.7 | | | | | |

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.

**Hitachi Construction Machinery Co., Ltd.**
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**KS-EN398P** 19.03 (KA/SO,GT2)

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