EX8000 Specifications

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Distance between tumblers</td>
<td>7,900 mm</td>
</tr>
<tr>
<td>B</td>
<td>Undercarriage length</td>
<td>10,500 mm</td>
</tr>
<tr>
<td>C</td>
<td>Counterweight clearance</td>
<td>3,430 mm</td>
</tr>
<tr>
<td>D</td>
<td>Rear-end swing radius</td>
<td>8,280 mm</td>
</tr>
<tr>
<td>D'</td>
<td>Rear-end length</td>
<td>8,010 mm</td>
</tr>
<tr>
<td>E</td>
<td>Overall width of upperstructure</td>
<td>10,670 mm</td>
</tr>
<tr>
<td>F</td>
<td>Overall height of cab</td>
<td>9,900 mm</td>
</tr>
<tr>
<td>G</td>
<td>Min. ground clearance</td>
<td>1,250 mm</td>
</tr>
<tr>
<td>H</td>
<td>Track gauge</td>
<td>6,800 mm</td>
</tr>
<tr>
<td>I</td>
<td>Track shoe width</td>
<td>1,850 mm</td>
</tr>
<tr>
<td>J</td>
<td>Undercarriage width</td>
<td>8,650 mm</td>
</tr>
<tr>
<td>K</td>
<td>Track height</td>
<td>3,100 mm</td>
</tr>
</tbody>
</table>

Illustrations show diesel engine type.

**HYDRAULIC EXCAVATOR**

- **EX8000-6 with Diesel Engine**
  - Engine Gross Power: 2 x 1,450 kW (2 x 1,940 HP)
  - Operating Weight: Loading Shovel: 825,000 kg
  - Backhoe: 837,000 kg

- **EX8000E-6 with Electric Motor**
  - Power Output: 2 x 1,200 kW
  - Operating Weight: Loading Shovel: 808,000 kg
  - Backhoe: 820,000 kg

**Bucket Capacity**
- **Loading Shovel Bucket**: Heaped: 40.0 m³
- **Backhoe Bucket**: SAE, PCSA Heaped: 43.0 m³, CECE Heaped: 38.0 m³
Hi-tachi'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. In-CRS (Integrated Optimum Hydraulic System) LE:16 main pumps and 6 control valves and 2 set of flow-assisting valves enable both independent and combined operations of all functions. BH:16 main pumps and 6 control valves. FPS (Fuel-saving Pump System) FPS eliminates energy loss with superior performance in front control. Auto-killing system for saving fuel and reducing noise. Hydraulic cooling fan system for oil cooler. Hydraulic cooling fan system for radiator. Forced-lubrication and forced-cooling pump drive system. Main pumps 16 variable-displacement, axial piston pumps for front attachment, travel and swing. Max Oil flow 450 L/min. Pilot pump 2 gear pump. Max Oil flow 210 L/min.

### Cylinder Dimensions

<table>
<thead>
<tr>
<th>Cylinder</th>
<th>Quan.</th>
<th>Bore</th>
<th>Rod diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom</td>
<td>2</td>
<td>480 mm</td>
<td>340 mm</td>
</tr>
<tr>
<td>Arm</td>
<td>2</td>
<td>350 mm</td>
<td>270 mm</td>
</tr>
<tr>
<td>Bucket</td>
<td>2</td>
<td>350 mm</td>
<td>270 mm</td>
</tr>
<tr>
<td>Pump</td>
<td>2</td>
<td>310 mm</td>
<td>180 mm</td>
</tr>
</tbody>
</table>

### Hydraulic Filters

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

### Controls

#### 2 Implement Levers

Electric joystick control levers. Right lever is for boom and bucket control, left lever for swing and arm control. 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.

### Service Refill Capacities

<table>
<thead>
<tr>
<th>Component</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank</td>
<td>14,900 l</td>
</tr>
<tr>
<td>Engine oil</td>
<td>2 x 614 l</td>
</tr>
<tr>
<td>Engine oil</td>
<td>2 x 260 l</td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>3 x 260 l</td>
</tr>
<tr>
<td>Pump transmission</td>
<td>2 x 62 l</td>
</tr>
<tr>
<td>Fuel tank</td>
<td>6 x 75 l</td>
</tr>
<tr>
<td>Hydraulic system</td>
<td>9 x 70 l</td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>3 x 80 l</td>
</tr>
<tr>
<td>Travel device</td>
<td>2 x 100 l</td>
</tr>
</tbody>
</table>

### Revolving Frame

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

### Deck Machinery

Maximum accessibility is the major feature in the layout of deck machinery. Folding stands provide easy access to the deck machinery. And also the side walk provides easy access to engines, hydraulic and electrical components.

### UNDERCARRIAGE


### Shovel-type Undercarriage

Triple grouser shoes specially heat treated cast steel. Shoe width ................. 1,850 mm

### Numbers of Rollers and Shoes (Each Side)

- Upper rollers ........... 3
- Lower rollers ............ 3
- 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 can be manually releasable.

- Travel speeds
  - High: 0 to 2.0 km/h
  - Low: 0 to 1.4 km/h
- Maximum traction force 3,000 KN (300,000 kgf)
- Gradiability .............. 58 % (30 degree) max
### SPECIFICATIONS

#### WEIGHS AND GROUND PRESSURE

##### Loading Shovel

- Equipped with 40.0 m³ (heaped) bucket.

<table>
<thead>
<tr>
<th>Shoe type</th>
<th>Shoe width</th>
<th>Operating weight</th>
<th>Ground pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triple grousers</td>
<td>1,850 mm</td>
<td>825,000 kg</td>
<td>248 kPa (2.53 kgf/cm²)</td>
</tr>
</tbody>
</table>

#### LOADING SHOVEL ATTACHMENTS

- Boom and arm are of all-welded, low-stress, high-tensile strength steel full-box section design.

<table>
<thead>
<tr>
<th>Capacity (heaped)</th>
<th>Width</th>
<th>No. of teeth</th>
<th>Weight</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>40.0 m³</td>
<td>5,600 mm</td>
<td>6</td>
<td>62,500 kg</td>
<td>Bottom dump type general purpose</td>
</tr>
</tbody>
</table>

### WORKING RANGES

#### BACKHOE ATTACHMENTS

- Boom and arm are of all-welded, low-stress, full-box section design.
- Bucket and arm joint pins are floating type.

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Width</th>
<th>No. of teeth</th>
<th>Weight</th>
<th>Type</th>
<th>Materials density</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAE, PCSA heaped</td>
<td>43.0 m³</td>
<td>36.0 m³</td>
<td>4,850 mm</td>
<td>6</td>
<td>44,200 kg</td>
</tr>
</tbody>
</table>

### BACKHOE ATTACHMENTS

- Boom and arm are of all-welded, low-stress, full-box section design.
- Bucket and arm joint pins are floating type.

<table>
<thead>
<tr>
<th>Bucket</th>
<th>Capacity</th>
<th>Width</th>
<th>No. of teeth</th>
<th>Weight</th>
<th>Type</th>
<th>Materials density</th>
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<td>4,850 mm</td>
<td>6</td>
<td>44,200 kg</td>
<td>General purpose</td>
</tr>
</tbody>
</table>

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

**STANDARD EQUIPMENT**

- 140 A alternator
- Heavy-duty type air cleaner with dust ejector
- Cartridge-type engine oil filter
- Cartridge-type engine oil bypass filter
- Cartridge-type fuel filter
- Water filter
- Fan guard
- Isolation-mounted engine
- Pre-lubrication system
- Auto-idle system
- Emergency engine stop system
- Hydraulic drive cooling-fan system
- Engine oil reserve system
- Engine room cooling fan

**HYDRAULIC SYSTEM**

- E-P control system
- CHT(Integrated Optimum Hydraulic System)
- FPS(Fuel-saving Pump System)
- Hydraulic drive cooling-fan system
- Forced-lubrication and forced cooling pump drive system
- Control valve with main relief valve
- Suction filter
- Full-flow filter
- Bypass filter
- Pilot filter
- Drain filter
- High-pressure strainer

**ENGINE**

- Engine room cooling fan
- Engine oil reserve system
- Hydraulic drive cooling-fan system
- Emergency engine stop system
- Auto-idle system
- Pre-lubrication system
- Water filter
- Full-flow filter
- Bypass filter
- Pilot filter
- Drain filter
- High-pressure strainer

**CAB**

- DQG top guard level II (ESD)
- All-weather sound-suppressed steel integrated cab
- Fluid-filled elastic mounts
- Laminated glass windshield
- Reinforced/threshold color/glass/windows
- Parallel-link-type intermittent windshield wiper
- Front windshield washer
- Main-display with various meters, pilot indicators, and warning indicators
- Air suspension seat with automatic weight adjusting function
- Wrist control type electric lever with height adjusting function
- Electric travel pedals
- Electric bucket open/close pedals
- LED type room lamps
- Footrest
- Air horn with electric compressor
- Auto-tuning AM-FM radio with digital clock
- Seat belt
- Hot/cool-box
- Utility space 100 mm x 100 mm
- Floor mat
- Air conditioner with dehumidifier
- Rearview mirror

**MONITOR SYSTEM**

- Meters, pilot indicators, and warning indicators are displayed on the main display
- Meters:
  - Clock
  - Coolant temperature gauge
  - Tachometer
  - Engine oil pressure gauge
  - Engine oil temperature gauge
  - Hour meter
  - Fuel gauge
  - Battery voltage gauge
  - Hydraulic oil temperature gauge
  - Ambient temperature
- Pilot indicator (Green):
  - Coolant level check
  - Engine oil level (oil pan) check
  - Engine oil level (reserve tank) check
  - Hydraulic oil level check
  - Puls
  - Auto-lubrication
  - Auto-idle
  - Travel mode
- Warning indicator (Red):
  - Alarm
  - Pump transmission oil level
  - Engine stop
  - Engine oil pressure
  - Coolant level
  - Engine over run
  - Fuel temperature
  - Exhaust temperature
  - Hydraulic oil level
  - Auto-lubrication
  - Stop valve
  - Electric lever
  - Emergency engine stop
  - Tension

**DATA LOGGING SYSTEM**

- DLU Data-logging unit continuously records performance of engine and hydraulic system
  - The record can be down-loaded by PC and PDA

**LIGHTS**

- 12 working lights
- 4 entrance lights
- 12 maintenance lights

**UNDERCARRIAGE**

- Travel parking brake
- Travel motion alarm device
- Hydraulic track adjuster with N2 gas accumulator and relief valve
- 1850 mm triple grouser shoes
- Single-triangle rollers

**MISCELLANEOUS**

- Stairs and handrails (Meeting ISO)
- Recirculation air filter for air conditioner
- Ventilation air filter for air conditioner
- 12 V power terminal board
- Stop valve for transport and reassembly
- Auto-lubrication system (Lincoln) for front-attachment pins, swing bearing and center joint
- Hydraulic oil suction pump

**FAST-FILLING SYSTEM**

- Fast-filling system (Wiggins) for fuel, hydraulic oil, coolant, swing device oil, pump mission oil, engine oil, and grease (coupless not included)

**OPTIONAL EQUIPMENT**

- Upper slider
- Travel motor guard
- Travel device guard
- 12 high brightness working lights
- Cold weather package
- Highland application
  - engineered on request

**EQUIPMENT**

- Alarm buzzers
- Pump transmission oil level (R/L)
- Hydraulic oil level
- Stop valve
- Electric lever
- Fast-filling
- Stairway position

**STANDARD EQUIPMENT**

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

**EQUIPMENT**

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

<table>
<thead>
<tr>
<th>Type</th>
<th>HITACHI TFOA-KK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated continuous output</td>
<td>1 200 kW x 2</td>
</tr>
<tr>
<td>Voltage</td>
<td>AC 6 000 - 6 600 V / 50 Hz</td>
</tr>
<tr>
<td>Number of poles</td>
<td>4</td>
</tr>
<tr>
<td>Synchronous RPM</td>
<td>1 500 min⁻¹ / 50 Hz</td>
</tr>
<tr>
<td>Rated current</td>
<td>1 800 min⁻¹ / 60 Hz</td>
</tr>
</tbody>
</table>

**Swing Device**

- 6 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

**Swing Speed**

- 2.9 min⁻¹ (rpm)

**Operator's Cab**

- Cab features:Tinted-glass windows provide all-round visibility
- Multi-Display color LCD 10.5 inch for centralized information of machine status
- Color monitor cameras for rear, right side, left lower view

**UNDERCARRIAGE**

**Tracks**

- Shovel-type undercarriage
- Dual-flanged-type bolt linkage for side frame
- X-form center frame assures durability
- Heavy-duty track frame and X-form center frame assures durability

**Swivel ring**

- Parking brake of spring-set/cylindrical roller bearing
- Induction-hardened internal swing circle gear and pinion immersed in lubricant

**Swing Device**

- Parking brake of spring set/hydraulic-released disc type
- This parking brake is manually releasable.

**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 can be manually releasable.

**Travel Speeds**

- High: 0 to 1.9 km/h
- Low: 0 to 1.3 km/h

**Maximum traction force**

- 3 000 kN (300 000 kgf)

**Gradients**

- 58% (20 degrees) max.

**SERVICE REFILL CAPACITIES**

<table>
<thead>
<tr>
<th>Item</th>
<th>Capaci ty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydraulic oil tank</td>
<td>9 700</td>
</tr>
<tr>
<td>Hydraulic oil tank</td>
<td>3 890</td>
</tr>
<tr>
<td>Travel device</td>
<td>2 x 490</td>
</tr>
</tbody>
</table>

**ELECTRIC MOTOR**

- 1 200 kW x 2
- AC 6 000 - 6 600 V / 50 Hz
- 1 500 min⁻¹ / 50 Hz
- 1 800 min⁻¹ / 60 Hz
- 1 800 min⁻¹ / 60 Hz
- 4

**Swing Device**

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</tr>
<tr>
<td>Travel device</td>
<td>2 x 490</td>
</tr>
</tbody>
</table>
**SPECIFICATIONS**

### EX8000E-6

#### WEIGHS AND GROUND PRESSURE

**Loading Shovel**  
Equipped with 40.0 m³ (heaped) bucket.

<table>
<thead>
<tr>
<th>Shoe type</th>
<th>Shoe width</th>
<th>Operating weight</th>
<th>Ground pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triple grousers</td>
<td>1,850 mm</td>
<td>920,000 kg</td>
<td>243 kPa (2.43 kgf/cm²)</td>
</tr>
</tbody>
</table>

**Diagram:**

- [Diagram showing various specifications and measurements]

#### LOADING SHOVEL ATTACHMENTS

Boom and arm are of all-welded, low-stress, high-tensile strength steel full-box section design.

**Bucket**

<table>
<thead>
<tr>
<th>Capacity (heaped)</th>
<th>Width</th>
<th>No.of teeth</th>
<th>Weight</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>40.0 m³</td>
<td>5,600 mm</td>
<td>6</td>
<td>62,500 kg</td>
<td>Bottom dump type general purpose</td>
</tr>
</tbody>
</table>

**Diagram:**

- [Diagram showing the bucket and its specifications]

#### WORKING RANGES

**Diagram:**

- [Diagram showing the working ranges and other specifications]

<table>
<thead>
<tr>
<th>Meter</th>
<th>0</th>
<th>2</th>
<th>4</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>14</th>
<th>16</th>
<th>18</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>7,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>11,100</td>
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<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>5,600</td>
<td></td>
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<tr>
<td>D</td>
<td>18,500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>E</td>
<td>20,800</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>F</td>
<td>13,800</td>
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<td>G</td>
<td>4,100</td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>H</td>
<td>10,900</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>2,800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Breakout force**  
2,200 kN (220,000 kgf)

**Bucket digging force**  
ISO 4,850 kN (485,000 kgf)

**Diagram:**

- [Diagram showing working ranges and other measurements]

**WEIGHS AND GROUND PRESSURE**

**Backhoe**  
Equipped with 11.5 m boom, 5.8 m arm, and 43.0 m³ (SAE, PCSA heaped) bucket.

<table>
<thead>
<tr>
<th>Shoe type</th>
<th>Shoe width</th>
<th>Operating weight</th>
<th>Ground pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triple grousers</td>
<td>1,850 mm</td>
<td>120,000 kg</td>
<td>247 kPa (2.52 kgf/cm²)</td>
</tr>
</tbody>
</table>

**Diagram:**

- [Diagram showing the backhoe's specifications and measurements]

#### BACKHOE ATTACHMENTS

**Diagram:**

- [Diagram showing the backhoe's attachments and specifications]

**WEIGHS AND GROUND PRESSURE**

**Loading Shovel**

<table>
<thead>
<tr>
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<td>44,200 kg</td>
<td>General purpose</td>
</tr>
</tbody>
</table>

**Diagram:**

- [Diagram showing the loading shovel's specifications and measurements]

**Diagram:**

- [Diagram showing the backhoe's specifications and measurements]
EQUIPMENT

STANDARD EQUIPMENT

- Electric motor
  - Space heater included
  - Thermo-guard (temperature detector)

- Hydraulic system
  - I-OHS (Integrated Optimum Hydraulic System)
  - Hydraulic drive cooling-fan system
  - Forced-lubrication and forced cooling pump drive system
  - Control valve with main relief valve
  - Suction filter
  - Full-flow filter
  - Bypass filter
  - Pilot filter
  - Drain filter
  - High-pressure strainer

- Cab
  - OPG top guard level II (ISO)
  - All-weather sound-suppressed steel integrated cab
  - Fluid-filled elastic mounts
  - Laminated glass windshield
  - Rainproof/antiglare green-color glass side windows
  - Parallel-link-type intermittent windshield wiper
  - Front windshield washer
  - Main display with various meters, pilot indicators, and warning indicators
  - Air suspension seat with automatic weight adjusting function
  - Wrist control type electric lever with height adjusting function
  - Electric travel pedals
  - Electric bucket open/close pedals
  - LED type room lamps
  - Footrest
  - Air horn with electric compressor
  - Auto-tuning AM-FM radio with digital clock
  - Seat belt
  - Hot/cold box
  - Utility space 1100 mm × 1800 mm
  - Floor mat
  - Air conditioner with defroster
  - Rearview mirror
  - Emergency escape device
  - Trainer’s seat
  - Pilot control shut-off lever

- Monitor system
  - Meters
    - Main motor coil temperature gauge (R)
    - Main motor coil temperature gauge (L)
    - Main motor ammeter (R)
    - Main motor ammeter (L)
    - Main motor voltmeter (R)
    - Main motor voltmeter (L)
  - Clock
  - Battery voltage gauge
  - Hydraulic oil temperature gauge
  - Ambient temperature
  - Warning indicators:
    - (Red):
      - Pump transmission oil level
      - AC660V power source
      - Stop valve
      - Main motor overheating
      - Main motor start congestion
      - AC210V power source
      - Electric lever
      - Emergency motor stop
      - 3E Relay
      - Main motor overheat
      - Main motor start congestion
      - AC210V power source
      - Electric lever
      - Cable drum
      - Fast-filling
      - Electrical equipment box
      - Hydraulic oil overheat
      - Pump contamination
      - Cab heater
    - (Yellow):
      - Electrical equipment box
      - Hydraulic oil overheat
      - Pump contamination
      - Cab heater
    - (Amber):
      - Electrical equipment box
      - Hydraulic oil overheat
      - Pump contamination
      - Cab heater
    - (Green):
      - Main motor run
      - Travel mode

- Data-logging system
  - DLU (Data-logging unit) continuously records performance of the hydraulic system
  - The record can be downloaded by PC and PDA

- Lights
  - 12 working lights
  - 4 entrance lights
  - 12 maintenance lights

- Optional equipment

- Upper slider
- Travel device guard
- 12 high brightness working lights
- Cold weather package
  - As engineered on request
- Fast-filling couplers
- Satellite data transmitting system
- Additional air horn (Right side)
- 4 color monitor cameras; 2 front and 2 rear
- Standard tool kit

OPTIONAL EQUIPMENT

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

UPPERSTRUCTURE

- Lockable machine covers
- 80 000 kg counterweight
- Hydraulic drive grease gun with hose reel
- Swing parking brake
- Electric oil pump to draw hydraulic oil from suction and return pipe lines
- Folding stairs for going up and down

UNDERCARRIAGE

- Travel parking brake
- Travel motion alarm device
- Hydraulic track adjuster with N2 gas accumulator and relief valve
- 1850 mm triple grouser shoes
- Single-fringe rollers

MISCELLANEOUS

- Stairs and handrails (Meeting ISO)
- Recirculation air filter for air conditioner
- Ventilation air after for air conditioner
- 12 V power terminal board
- Stop valve for transport and reassembly
- Auto-lubrication system (Lincoln) for front-attachment pins, swing bearing and center joint
- Hydraulic oil suction pump

FAST-FILLING SYSTEM

- Fast-filling system (Wiggins) for fuel, hydraulic oil, swing device oil, pump mission oil, and grease (couplers not included)

DATA LOGGING SYSTEM

- DLU (Data-logging unit) continuously records performance of the hydraulic system

LIGHTS

- 12 working lights
- 4 entrance lights
- 12 maintenance lights

MEMO

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

Illustrations show diesel engine type.

* Easily assembled owing to local assembling system requiring no welding.

**UPPERSTRUCTURE**

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**Other parts**

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TRANSPORTATION

BACKHOE ATTACHMENTS

Unit: mm

Boom assembly
Weight: 63 800 kg

Arm assembly
Weight: 57 600 kg

Boom cylinders
Weight: 9 910 kg x 2

Arm cylinders
Weight: 6 190 kg x 2

Estimated backhoe bucket dimensions.
Hitachi estimates 43.0 m³ bucket in 1 800 kg/m³ material density or less.
Please inquire further as needed.

LIFTING CAPACITIES

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

METRIC MEASURE

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

Conditions Load point height m Load radius m At max. reach

EX8000- / EX8000E-
BE-boom 11.5 m
BE-arm 5.8 m
Bucket
SAE, PCSA: 43.0 m³
CECE: 38.0 m³
Shoe 1 850 mm

1 2 14 16 18 20
12 10 8 6 4
2 1 0 (Ground)

Notes: 1. Ratings are based on SAE J1097.
2. Lifting capacity 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.

Width: 3 160

Width: 2 580

Width: 760

Width: 785
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.