EX2600-6 SPECIFICATIONS

**Backhoe Bucket Capacity:**
(SAE Heaped): 17.0 m$^3$ (22.2 cu. yd.)

**Shovel Bucket Capacity (Heaped):**
15.0–16.5 m$^3$ (19.6–21.6 cu. yd.)

**Operating Weight:**
Backhoe: 254 000 kg (560,000 lb.)
Loading Shovel: 252 000 kg (556,000 lb.)

**Rated Power:**
1119 kW (1,500 HP)
EX2600-6 DIMENSIONS

STANDARD EQUIPMENT

- **Engine**
  - 140-amp 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
  - Radiator reserve tank
  - Fan guard
  - Isolation-mounted engine
  - Pre-lubrication system
  - Auto-idle system
  - Emergency engine stop system

- **Hydraulic System**
  - Engine-Pump control system (EP)
  - Optimum Hydraulic System (OHS)
  - Fuel-Saving Pump System (FPS)
  - 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)
  - Fluid-filled elastic mounts
  - Laminated glass windshield
  - Reinforced tinted (bronze color) glass side and rear windows
  - Parallel-link-type intermittent windshield wiper
  - Windshield washer
  - Adjustable reclining seat with air suspension
  - Footrest
  - Air horn with electric compressor
  - Auto-tuning AM-FM radio with digital clock

- **Seat belt**
- **Hot and cool box**
- **Storage spaces**
- **Floor mat**
- **Air conditioner with defroster**
- **Reareview mirror**
- **Evacuation hammer**
- **Emergency-escape device**
- **Trainer’s seat**
- **Pilot control shutoff lever**

- **Monitor Systems**
  - **Meters:**
    - Hour meter
    - Fuel gauge
    - Hydraulic oil temperature gauge
    - Tachometer
    - Engine oil pressure gauge
    - Engine oil temperature gauge
    - Battery voltage gauge
    - Ambient temperature
  - **Pilot lamps (green):**
    - Pre-lubrication system
    - Auto-idle
    - Travel mode
  - **Warning lamps (red):**
    - Alternator
    - Engine stop
    - Coolant overheat
    - Hydraulic oil level
    - Auto-lubrication system
  - **Warning lamp (yellow):**
    - Exhaust temperature
    - Fuel temperature
    - Engine warning
    - Hydraulic oil overheat
    - Stairway position
    - Electrical equipment box
    - Pump contamination
    - Air cleaner restriction
  - **Alarm buzzers:**
    - Overheat
    - Engine coolant pressure
    - Engine coolant level
    - Fuel temperature
    - Engine oil pressure
    - Engine oil temperature
    - Air intake manifold temperature
    - Crankcase pressure
    - Pump transmission oil level
    - Hydraulic oil level
    - Stop valve close
    - Fast-filling system panel position
    - Stairway position
    - Electric lever fault

- **Data Logging System**
  - Data-Logging Unit (DLU) continuously records the performance of the engine and the hydraulic system; data can be downloaded by PC
  - Satellite data-transmitting system

- **Lights**
  - 9 high-brightness working lights
  - 2 entrance lights
  - 3 maintenance lights

- **Upperstructure**
  - Lockable machine covers
  - 30,000-kg (66,137.6 lb.) counterweight
  - Hydraulic-drive grease gun with hose reel
  - Folding stairs with wide steps
  - Swing parking brake
  - Engine oil reserve system

- **Undercarriage**
  - Travel parking brake
  - Travel motion alarm device
  - Hydraulic track adjuster with N2 gasaccumulator and relief valve
  - 1000-mm (39 in.) triple-grouser shoes

- **Miscellaneous**
  - Standard tool kit
  - Stairs and handrails (ISO)
  - Recirculation air filter for air conditioner
  - Ventilation air filter for air conditioner
  - 12-volt power terminal board
  - Step valve for transport and reassembly
  - Lincoln auto-lubrication system for front-attachment pins, swing bearing, and center joint
  - 4 color monitor cameras (2 front and 2 rear)
  - Engine oil reserve system

- **Fast-Filling System**
  - Wiggins fast-filling system for fuel, hydraulic oil, coolant, swing-device oil, pump transmission oil, engine oil, and grease

OPTIONAL EQUIPMENT

- **Cold-weather package**
- **Travel motor guard**
- **Travel device guard**
EX2600-6 SPECIFICATIONS

ENGINE

Make: Cummins
Model: QSKT A50C
Type: Water-cooled, 4-cycle, 16-cylinder
Aspiration: Turbocharged and aftercooled, direct-injection chamber-type diesel engine

Gross power @ 1800 min⁻¹ (rpm) (SAE J1995): 1119 kW (1,500 hp)
Net power @ 1800 min⁻¹ (rpm): 1069 kW (1,434 hp)
Maximum torque @ 1400 min⁻¹ (rpm): 6570 N•m / 670 kgf•m (4,846 lbf•ft.)
Piston displacement: 50.0 L (3051 cu. in.)
Bore and stroke: 159 mm X 159 mm (6.3 in. X 6.3 in.)
Starting system: 24-volt electric motor
Batteries: 4 X 12 V, 4 X 220 AH
Cold starting: Ether aided

HYDRAULIC SYSTEM

Hitachi’s Electronic Total Control System (ETS) achieves maximum job efficiency by reducing fuel consumption and noise levels, and maximizes productivity through the optimization of engine-pump functions with excellent controllability, increasing operator comfort.

Engine-Pump (E-P) Control
Main pumps regulated by electric engine speed-sensing control system.

Optimum Hydraulic System (OHS)
6 main pumps and 3-valve system enable both independent and combined operations of all functions.

Fuel-Saving Pump System (FPS)
Minimizes energy loss with superior performance and fine control.

Additional Features

Main/Swing Pumps
6 variable-displacement, axial-piston pumps for front attachment, travel, and swing.
Maximum oil flow: 4 X 375 L/min / 2 X 425 L/min (4 X 99.06 U.S. gal./min. / 2 X 112.3 U.S. gal./min.)

Pilot Pump
One gear pump
Maximum oil flow: 108 L/min (28.5 U.S. gal./min.)

Relief Valve Settings
Implement circuit: 29.4 MPa / 300 kgf/cm² (4,263 psi)
Swing circuit: 27.4 MPa / 280 kgf/cm² (3,973 psi)
Travel circuit: 29.4 MPa / 300 kgf/cm² (4,263 psi)
Pilot circuit: 3.9 MPa / 40 kgf/cm² (565.5 psi)

Hydraulic Cylinders
High-strength piston rods and tubes adopted for durability. Cylinder-cushion mechanisms provided for boom, arm, bucket, and dump cylinders. Loading shovel bucket cylinders provided with protector.

<table>
<thead>
<tr>
<th>Cylinder Dimensions (Backhoe)</th>
<th>Cylinder Dimensions (Loading Shovel)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>Bore</td>
</tr>
<tr>
<td>Boom</td>
<td>2</td>
</tr>
<tr>
<td>Arm</td>
<td>1</td>
</tr>
<tr>
<td>Bucket</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
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<tr>
<td></td>
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<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hydraulic Filters
All hydraulic circuits have high-quality hydraulic filters for longer life of hydraulic components and protection against oil contamination. Filters are centrally arranged for facilitated maintenance.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Quantity</th>
<th>Specifications</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-flow filter</td>
<td>3</td>
<td>10 µm</td>
<td>3</td>
</tr>
<tr>
<td>High-pressure strainer (in main and swing-pump delivery line)</td>
<td>6</td>
<td>60 mesh</td>
<td>6</td>
</tr>
<tr>
<td>Drain filter (for all plunger-type pumps and motors)</td>
<td>1</td>
<td>10 µm</td>
<td>1</td>
</tr>
<tr>
<td>Bypass filter (in oil cooler bypass line)</td>
<td>1</td>
<td>5 µm</td>
<td>1</td>
</tr>
<tr>
<td>Pilot filter</td>
<td>1</td>
<td>10 µm</td>
<td>1</td>
</tr>
</tbody>
</table>
EX2600-6 SPECIFICATIONS

CONTROLS
Two Implement Levers
Electric joystick-control levers: right lever for boom and bucket control; left lever for swing and arm control.
For loading shovel, two pedals open and close bottom-dump bucket.

Two Travel Levers with Pedals
Remote-controlled hydraulic servo system. Independent drive at each track allows counter rotation of tracks.

UPPERSTRUCTURE
Revolving Frame
Deep, fully reinforced box section. Heavy-gauge steel plates 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-compliant stairs and handrails. Sidewalks and stairs include skid-resistant plates.

SWING MECHANISM
2 high-torque, axial-piston motors with 2-stage planetary gear bathed in oil. Swing circle with dirt seals features heavy-duty, triple-row, cylindrical roller bearing. Induction-hardened internal swing circle gear and pinion immersed in lubricant. Spring-set/hydraulic-released disc-type parking brake is manually releasable.
Swing speed 3.8 min⁻¹ (rpm)

OPERATOR’S CAB
Sturdy cab with OPG top guard level II (ISO) helps protect operator from falling objects. Independent, pressurized, 1800 mm (5 ft. 11 in.) wide, 2150 mm (7 ft. 1 in.) high, roomy 7.5 m³ (264.8 cu. ft.) cab with tinted-glass windows features all-round visibility. Air-suspension-type, fully adjustable reclining seat with armrests movable with or without front and swing control levers by slide. Instruments and control panel are within easy reach of operator. Three air-conditioner systems.

Noise level 72 dB(A) in the cab at maximum engine speed under no-load condition
Eye-level height 6290 mm (20 ft. 8 in.)

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

Travel speeds
High: 0–2.3 km/h (0–1.43 mph)
Low: 0–1.6 km/h (0–.99 mph)
Maximum traction force 1330 kN / 135,600 kgf (298,944 lbf)
Gradeability 58% (30-deg.) maximum

WEIGHTS AND GROUND PRESSURE
Loading Shovel: Equipped with 15.0-m³ (19.6 cu. yd.) (SAE heaped) bottom-dump 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>1000 mm (39 in.)</td>
<td>252,000 kg (556,000 lb.)</td>
<td>160 kPa / 1.67 kgf/cm² (23.5 psi)</td>
</tr>
</tbody>
</table>

Backhoe: Equipped with 8.7-m (28 ft. 7 in.) boom, 3.9-m (12 ft. 10 in.) arm, and 17.0-m³ (22.2 cu. yd.) (SAE 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>1000 mm (39 in.)</td>
<td>254,000 kg (560,000 lb.)</td>
<td>185 kPa / 1.89 kgf/cm² (26.8 psi)</td>
</tr>
</tbody>
</table>
BACKHOE CONTROL LAYOUT

SERVICE REFILL CAPACITIES

<table>
<thead>
<tr>
<th></th>
<th>Liters</th>
<th>U.S. Gallons</th>
<th>Imperial Gallons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Tank</td>
<td>5300</td>
<td>1400</td>
<td>1165</td>
</tr>
<tr>
<td>Engine Coolant</td>
<td>476</td>
<td>126</td>
<td>104.7</td>
</tr>
<tr>
<td>Engine Oil – Oil Pan</td>
<td>150</td>
<td>39.6</td>
<td>33</td>
</tr>
<tr>
<td>Engine Oil – Reserve Tank</td>
<td>205</td>
<td>54.2</td>
<td>45.1</td>
</tr>
<tr>
<td>Pump Drive</td>
<td>30</td>
<td>7.9</td>
<td>6.6</td>
</tr>
<tr>
<td>Swing Device (each side)</td>
<td>2 X 100</td>
<td>2 X 26</td>
<td>2 X 22.0</td>
</tr>
<tr>
<td>Travel Final Device (each side)</td>
<td>2 X 137</td>
<td>2 X 36</td>
<td>2 X 30.1</td>
</tr>
<tr>
<td>Hydraulic System</td>
<td>3170</td>
<td>837</td>
<td>697.3</td>
</tr>
<tr>
<td>Hydraulic Tank</td>
<td>1320</td>
<td>349</td>
<td>290</td>
</tr>
</tbody>
</table>

DECK MACHINERY LAYOUT

1. Diesel Engine
2. Pump-Drive Unit
3. Hydraulic Pump X 6
4. Hydraulic Oil Cooling-Fan Motor
5. Hydraulic Oil Cooler
6. Engine Radiator
7. LTA Radiator
8. Fuel Cooler
9. Transmission Pump Oil Cooler
10. Engine-Pump Bulkhead
11. Control Valve X 3
12. Swing Device X 2
13. Center Joint
14. Hydraulic Tank
15. Fuel Tank
16. Battery Unit
17. Lubricator
18. High-Pressure Strainer X 6
19. Reserve Tank (engine oil)
20. Reserve Tank (coolant)
21. Air Filter X 2 (outer/inner)
22. Muffler
23. Fuel Filter (water separator)
24. Cab
25. Ladder
26. Folding Stairs
27. Ladder
**EX2600-6 SPECIFICATIONS**

**LOADING SHOVEL ATTACHMENTS**

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

### WORKING RANGES — BUCKET CAPACITY (HEAPED): 15.0 m³ (19.6 cu. yd.)

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</tr>
</thead>
<tbody>
<tr>
<td>5340 mm (17 ft. 6 in.)</td>
<td>7080 mm (23 ft. 2 in.)</td>
<td>4990 mm (16 ft. 4 in.)</td>
<td>14,060 mm (46 ft. 1 in.)</td>
<td>15,010 mm (49 ft. 3 in.)</td>
<td>10,350 mm (34 ft.)</td>
<td>3720 mm (12 ft. 3 in.)</td>
<td>8140 mm (26 ft. 9 in.)</td>
<td>2150 mm (7 ft. 1 in.)</td>
<td>918 kN / 93,600 kgf (206,351 lb.)</td>
<td>943 kN / 96,160 kgf (212,000 lb.)</td>
</tr>
</tbody>
</table>

### WORKING RANGES — BUCKET CAPACITY (HEAPED): 16.5 m³ (21.6 cu. yd.)

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>5200 mm (17 ft. 1 in.)</td>
<td>8240 mm (27 ft.)</td>
<td>4060 mm (16 ft. 3 in.)</td>
<td>14,300 mm (46 ft. 11 in.)</td>
<td>15,250 mm (50 ft.)</td>
<td>10,350 mm (34 ft.)</td>
<td>3960 mm (13 ft.)</td>
<td>8140 mm (26 ft. 9 in.)</td>
<td>2150 mm (7 ft. 1 in.)</td>
<td>907 kN / 92,500 kgf (203,926 lb.)</td>
<td>873 kN / 90,000 kgf (196,260 lb.)</td>
</tr>
</tbody>
</table>

### BUCKET (SAE HEAPED 2:1)

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Width</th>
<th>Number of Teeth</th>
<th>Weight</th>
<th>Type</th>
<th>Material Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.0 m³ (19.6 cu. yd.)</td>
<td>3590 mm (11 ft. 9 in.)</td>
<td>6</td>
<td>20,000 kg (44,094 lb.)</td>
<td>Bottom-dump type, general purpose</td>
<td>1800 kg/m³ (0.033 lb./cu. yd.)</td>
</tr>
<tr>
<td>16.5 m³ (21.6 cu. yd.)</td>
<td>3590 mm (11 ft. 9 in.)</td>
<td>6</td>
<td>20,700 kg (45,635 lb.)</td>
<td>Bottom-dump type, general purpose</td>
<td>1600 kg/m³ (0.027 lb./cu. yd.)</td>
</tr>
</tbody>
</table>

Note: These buckets do not include any type of wear protection for sides, bottom, and inside the bucket. Please consult your local Hitachi dealer for a proper wear-protection system for your application. Please do not use buckets without proper wear protection for your application.
Backhoe Attachment

Boom and arm are 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 point part. Auto-lubrication system for all pins is standard.

**Bucket**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Width</th>
<th>Number of Teeth</th>
<th>Weight</th>
<th>Type</th>
<th>Material Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>(SAE Heaped)</td>
<td>Without Side Cutters</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17.0 m³ (22.2 cu. yd.)</td>
<td>3580 mm (11 ft. 9 in.)</td>
<td>5</td>
<td>15 600 kg (34,392 lb.)</td>
<td>General-purpose bucket</td>
<td>1800 kg/m³ (3,033 lb/cu. yd.) or less</td>
</tr>
</tbody>
</table>

Note: These buckets do not include any type of wear protection for sides, bottom, and inside the bucket. Please consult your local Hitachi dealer for a proper wear-protection system for your application. Please do not use buckets without proper wear protection for your application.
EX2600-6 SHIPPING INFORMATION

EX2600-6 components are designed for ease of transportation and on-site assembly. Components can be assembled without welding.

UPPERSTRUCTURE

Cab assembly
Weight: 1740 kg (3,836 lb.)
Width: 1880 mm (6 ft. 2 in.)

Cab bed
Weight: 2560 kg (5,644 lb.)
Width: 1860 mm (6 ft. 1 in.)

Sidewalk
Weight: 77 kg (169.8 lb.)
Width: 1290 mm (4 ft. 3 in.)

Sidewalk
Weight: 74 kg (163 lb.)
Width: 1290 mm (4 ft. 3 in.)

Sidewalk
Weight: 77 kg (169.8 lb.)
Width: 1290 mm (4 ft. 3 in.)

Step
Weight: 65 kg (143.3 lb.)
Width: 1290 mm (4 ft. 3 in.)

Mainframe assembly
Weight: 37,800 kg (83,333 lb.)
Width: 3500 mm (11 ft. 6 in.)

Fuel tank
Weight: 2500 kg (5,511.5 lb.)
Width: 1300 mm (4 ft. 3 in.)

Handrail
Weight: 32 kg (70.5 lb.)
Width: 250 mm (10 in.)

Handrail
Weight: 30 kg (66.13 lb.)
Width: 140 mm (6 in.)
### Handrail
- Weight: 13 kg (28.7 lb.)
- Width: 55 mm (2 in.)

### Fender
- Weight: 13 kg (28.7 lb.)
- Width: 55 mm (2 in.)

### Handrail
- Weight: 27 kg (59.5 lb.)
- Width: 230 mm (9 in.)

### Step
- Weight: 14 kg (30.9 lb.)
- Width: 230 mm (9 in.)

### Sidewalk
- Weight: 33 kg (72.6 lb.)
- Width: 1120 mm (3 ft. 8 in.)

### Sidewalk
- Weight: 214 kg (471.8 lb.)
- Width: 1100 mm (3 ft. 7 in.)

### Sidewalk
- Weight: 123 kg (271.2 lb.)
- Width: 850 mm (30 in.)

### Hose reel
- Weight: 54 kg (119 lb.)
- Width: 270 mm (11 in.)

### Handrail
- Weight: 18 kg (39.7 lb.)
- Width: 270 mm (11 in.)

### Handrail
- Weight: 27 kg (59.5 lb.)
- Width: 230 mm (9 in.)

### Step
- Weight: 14 kg (30.9 lb.)
- Width: 230 mm (9 in.)

### Step
- Weight: 11 kg (24.3 lb.)
- Width: 55 mm (2 in.)

### Upperstructure

#### Sidewalk
- Weight: 33 kg (72.6 lb.)
- Width: 1100 mm (3 ft. 7 in.)

#### Sidewalk
- Weight: 214 kg (471.8 lb.)
- Width: 1100 mm (3 ft. 7 in.)

#### Sidewalk
- Weight: 123 kg (271.2 lb.)
- Width: 850 mm (30 in.)

#### Hose reel
- Weight: 54 kg (119 lb.)
- Width: 270 mm (11 in.)

#### Handrail
- Weight: 18 kg (39.7 lb.)
- Width: 270 mm (11 in.)

#### Handrail
- Weight: 27 kg (59.5 lb.)
- Width: 230 mm (9 in.)

#### Step
- Weight: 14 kg (30.9 lb.)
- Width: 230 mm (9 in.)

#### Step
- Weight: 11 kg (24.3 lb.)
- Width: 55 mm (2 in.)
UPPERSTRUCTURE

Step
Weight: 12 kg (26.5 lb.)
Width: 110 mm (4 in.)

Step
Weight: 5 kg (11 lb.)
Width: 210 mm (8 in.)

Engine unit
Weight: 18 100 kg (39,903 lb.)
Width: 2500 mm (8 ft. 2 in.)

---

Door
Weight: 26 kg (57.3 lb.)
Width: 50 mm (2 in.)

Door
Weight: 26 kg (57.3 lb.)
Width: 50 mm (2 in.)

Air-cleaner assembly
Weight: 310 kg (683.4 lb.)
Width: 1260 mm (4 ft. 2 in.)

Muffler
Weight: 570 kg (1,256.6 lb.)
Width: 1350 mm (4 ft. 5 in.)

---

Step
Weight: 140 kg (308.6 lb.)
Width: 564 mm (22 in.)

Fender
Weight: 72 kg (158.7 lb.)
Width: 580 mm (23 in.)

Fender
Weight: 86 kg (189.6 lb.)
Width: 580 mm (23 in.)

Reserve tank
Weight: 150 kg (330.7 lb.)
Width: 508 mm (20 in.)

---

Counterweight
Weight: 30 000 kg (66,140 lb.)

Width: 1110 mm (3 ft. 8 in.)
UNDERCARRIAGE

Track center-frame assembly
Weight: 21,800 kg (48,060 lb.)

Track side-frame assembly
Weight: 31,400 kg (69,224 lb.) X 2

Step
Weight: 8 kg (17.6 lb.)

Ladder
Weight: 13 kg (28.7 lb.)

Motor cover stay
Weight: 78 kg (172 lb.)

Cover
Weight: 96 kg (211.6 lb.)

Cover
Weight: 108 kg (238 lb.)

Cover
Weight: 87 kg (191.8 lb.)
## Bucket assembly

### Bucket Capacity

<table>
<thead>
<tr>
<th>Bucket Capacity</th>
<th>A (Width)</th>
<th>B (Max. Width)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.0 m² (19.6 cu. yd.)</td>
<td>3440 mm (11 ft. 3 in.)</td>
<td>3240 mm (10 ft. 8 in.)</td>
<td>20 300 kg (44,753 lb.)</td>
</tr>
<tr>
<td>16.5 m² (21.6 cu. yd.)</td>
<td>3500 mm (11 ft. 6 in.)</td>
<td>3320 mm (10 ft. 11 in.)</td>
<td>20 700 kg (45,635 lb.)</td>
</tr>
</tbody>
</table>

### Bucket cylinder

- Weight: 1670 kg (4,122.6 lb.) x 2
- Width: 760 mm (30 in.)

### Boom-arm assembly

- Weight: 29 000 kg (63,933 lb.)
- Width: 2600 mm (8 ft. 6 in.)

### Boom cylinder

- Weight: 2960 kg (6,393.3 lb.) x 2
- Width: 490 mm (19 in.)

### Arm cylinder

- Weight: 2240 kg (4,938.3 lb.)
- Width: 700 mm (28 in.)

### Bucket cylinder

- Weight: 1870 kg (4,122.6 lb.) x 2
- Width: 520 mm (20.7 in.)

### Boom-arm assembly

- Weight: 29 000 kg (63,933 lb.)
- Width: 11 000 mm (36 ft. 1 in.)

### Arm cylinder

- Weight: 2240 kg (4,938.3 lb.)
- Width: 580 mm (23 in.)

### Bucket assembly

- Weight: 1870 kg (4,122.6 lb.) x 2
- Width: 4380 mm (14 ft. 4 in.)

### Boom cylinder

- Weight: 2960 kg (6,393.3 lb.) x 2
- Width: 4890 mm (16 ft. 1 in.)

### Arm cylinder

- Weight: 2240 kg (4,938.3 lb.)
- Width: 3900 mm (12 ft. 10 in.)
Backhoe Attachments

**Bucket assembly**
Capacity (SAE heaped): 17.0 m³ (22.2 cu. yd.)
Weight: 15 600 kg (34,392 lb.)

**BE-boom assembly**
Weight: 24 500 kg (54,012 lb.)

**Boom cylinder**
Weight: 3120 kg (6,878 lb.) X 2

**BE-arm assembly**
Weight: 16 100 kg (35,494 lb.)

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.
# LIFTING CAPACITIES

### RATING OVER SIDE OR 360 DEGREES    RATING OVER FRONT

**UNIT 1000 KG (1,000 LB.)**

<table>
<thead>
<tr>
<th>Conditions</th>
<th>Load-Point Height</th>
<th>6 m (19 ft. 6 in.)</th>
<th>8 m (26 ft. 3 in.)</th>
<th>10 m (32 ft. 10 in.)</th>
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<th>At Maximum Reach</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>meter (ft. in.)</td>
</tr>
<tr>
<td>BE-boom:</td>
<td>10 m (32 ft. 10 in.)</td>
<td><em>51.1</em></td>
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<td>Shoes:</td>
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### LOAD RADIUS

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### Notes:
- *Indicates load limited by hydraulic capacity.
- 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% full hydraulic capacity.
- 3. The load point is a hook (not standard equipment) loaded on the back of the bucket.
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