## ENGINE

Model ..... Isuzu 6BD1T
Type ..... 4-cycle water-cooled, direct injection
Aspiration ..... Turbocharged
No. of cylinders ..... 6
Rated flywheel horsepower (DIN 6271, net) ..... 99 kW (135 PS) at 2 050 $min^{-1}$ (rpm)
Rated flywheel horsepower (SAE J1349, net) ..... 98 kW (132 HP) at 2 050 $min^{-1}$ (rpm)
Maximum torque ..... 461 N.m (47 kgf.m, 340 lbf. ft) at 1 600 rpm
Piston displacement ..... 5.79 L (353 $in^3$)
Bore and stroke ..... 102 mm × 118 mm (4.02" × 4.65")
Batteries ..... 2 × 12 V, 120 AH
Governor ..... Mechanical, speed control with stepping motor

## HYDRAULIC SYSTEM

ELLE (Electronic Load-sensing Excavation) system designed for job efficiency and controllability.

- Load-sensing system
- Flow dividing control system
- Work mode selector
  General-purpose mode / Trenching mode
  Grading mode / Precision mode

Power selector designed for maximum productivity and fuel savings.

- Engine speed sensing system
  P (Power) mode / E (Economy) mode
  L (Low speed) mode / I (Low idle) mode

Main pumps ..... 2 variable displacement axial piston pumps
Maximum oil flow ..... 2 × 185 L/min (48.9 US gpm, 40.7 Imp gpm)
Pilot pump ..... 1 gear pump
Max. oil flow ..... 34 L/min. (9.0 US gpm, 7.5 Imp gpm)

### Hydraulic Motors

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

### Relief Valve Settings

Implement circuit ..... 34.3 MPa (350 $kgf/cm^2$, 4 980 psi)
Swing circuit ..... 30.9 MPa (315 $kgf/cm^2$, 4 480 psi)
Travel circuit ..... 36.3 MPa (370 $kgf/cm^2$, 5 260 psi)
Pilot circuit ..... 4.9 MPa ( 50 $kgf/cm^2$, 710 psi)

### Hydraulic Cylinders

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

### Dimensions

| | Qty. | Bore | Rod diameter |
|---|---|---|---|
| Boom | 2 | 120 mm (4.72") | 85 mm (3.35") |
| Arm | 1 | 130 mm (5.12") | 95 mm (3.74") |
| Bucket | 1 | 110 mm (4.33") | 75 mm (2.95") |

### Hydraulic Filters

Hydraulic circuits use high-quality hydraulic filters. A suction filter is incorporated in the suction line, and 10 μm full-flow filters in the return line and swing/travel motor drain lines.

## CONTROLS

Pilot controls. Hitachi's original shockless valve and quick warm-up system built in the pilot circuit. Hydraulic warm-up control system for engine and hydraulic oil. Multi selection lever with rotary valve is optionally available for selection of control lever direction.
Implement levers ..... 2
Travel levers with pedals ..... 2

## UPPERSTRUCTURE

### Revolving Frame

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

### Swing Mechanism

Axial piston motor with planetary reduction gear is bathed in oil. Swing circle is single-row, shear-type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type. Swing dampener valve in the swing circuit prevents coasting when stopping swing. Swing cushion valve built in swing motor absorbs shocks when stopping swing.
Swing speed ..... 11.0 $min^{-1}$ (rpm)

### Operator's Cab

Independent roomy cab, 940 mm (37") wide by 1 620 mm (64") high, conforming to ISO* Standards. Reinforced glass windows on 4 sides for visibility. Front windows (upper and lower) are openable and spring-assisted for easy storing in the cab and absorbing shocks during lowering. Adjustable, suspension seat with armrests; movable with or without control levers and monitor panel.

* International Standard Organization

## UNDERCARRIAGE

### Tracks

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

### Numbers of Rollers and Shoes on Each Side

Upper rollers ..... 2
Lower rollers ..... 7: EX200-3
8: EX200LC-3
Track shoes ..... 46: EX200-3
49: EX200LC-3
Track guard ..... 1

### Traction Device

Each track driven by 2-speed axial piston motor through planetary reduction gear for counterrotation of the tracks. Sprockets are replaceable. Parking brake is spring-set/hydraulic-released disc type. Travel shockless relief valve built in travel motor absorbs shocks when stopping travel.
Automatic transmission system: High—Medium.
Travel speeds ..... High: 0 to 5.5 km/h (3.4 mph)
Medium: 0 to 3.7 km/h (2.3 mph)
Low: 0 to 2.2 km/h (1.4 mph)
Maximum traction force ..... 159.9 kN (16 300 kgf, 35 900 lbf)
Gradeability ..... 35° (70 %) continuous

## WEIGHTS AND GROUND PRESSURE

Equipped with 5.68 m (18'8") boom, 2.91 m (9'7") arm and 0.80 m³ (1.05 yd³: PCSA heaped) bucket.

| Shoe type | Shoe width | Operating weight | Ground pressure |
|---|---|---|---|
| Triple grouser | 600 mm (24") | 18 500 kg (40 800 lb) | 41.2 kPa (0.42 kgf/cm², 5.97 psi) |
| | | 19 000 kg (41 900 lb) | 39.2 kPa (0.40 kgf/cm², 5.69 psi) |
| | 700 mm (28") | 18 900 kg (41 700 lb) | 36.3 kPa (0.37 kgf/cm², 5.26 psi) |
| | | 19 400 kg (42 800 lb) | 34.3 kPa (0.35 kgf/cm², 4.98 psi) |
| | 800 mm (31") | 19 100 kg (42 100 lb) | 32.4 kPa (0.33 kgf/cm², 4.69 psi) |
| | | 19 700 kg (43 400 lb) | 30.4 kPa (0.31 kgf/cm², 4.41 psi) |
| Flat | 600 mm (24") | 19 400 kg (42 800 lb) | 43.2 kPa (0.44 kgf/cm², 6.26 psi) |
| | | 20 000 kg (44 100 lb) | 41.2 kPa (0.42 kgf/cm², 5.97 psi) |
| Triangular | 900 mm (35") | 19 900 kg (43 900 lb) | 30.4 kPa (0.31 kgf/cm², 4.41 psi) |
| | | 20 500 kg (45 200 lb) | 28.4 kPa (0.29 kgf/cm², 4.12 psi) |

Figures in [ ] are data on the EX200LC-3.

Operating weight is the total weight of the basic machine plus 3 900 kg (8 600 lb) counterweight and triple grouser shoes, excluding front-end attachment.

EX200-3 ..... 15 000 kg (33 100 lb) with 600 mm (24") shoes

EX200LC-3 ..... 16 200 kg (35 700 lb) with 800 mm (31") shoes

## SERVICE REFILL CAPACITIES

| | liters | US gal | Imp gal |
|---|---|---|---|
| Fuel tank ..... | 310.0 | 81.9 | 68.2 |
| Engine coolant ..... | 21.0 | 5.5 | 4.6 |
| Engine oil ..... | 25.0 | 6.6 | 5.5 |
| Swing mechanism ..... | 8.2 | 2.2 | 1.8 |
| Travel final device ..... (each side) | 5.5 | 1.5 | 1.2 |
| Hydraulic system ..... | 230.0 | 60.8 | 50.6 |
| Hydraulic tank ..... | 130.0 | 34.3 | 28.6 |

## BACKHOE ATTACHMENTS

Boom and arms are of welded, box-section design. 5.68 m (18'8") boom, and 2.22 m (7'3"), 2.91 m (9'7") and 4.41 m (14'6")* arms are available.

Bucket is of welded steel structure. Side clearance adjust mechanism provided on the bucket joint bracket.

*2.91 m (9'7") arm + 1.50 m (4'11") extension arm

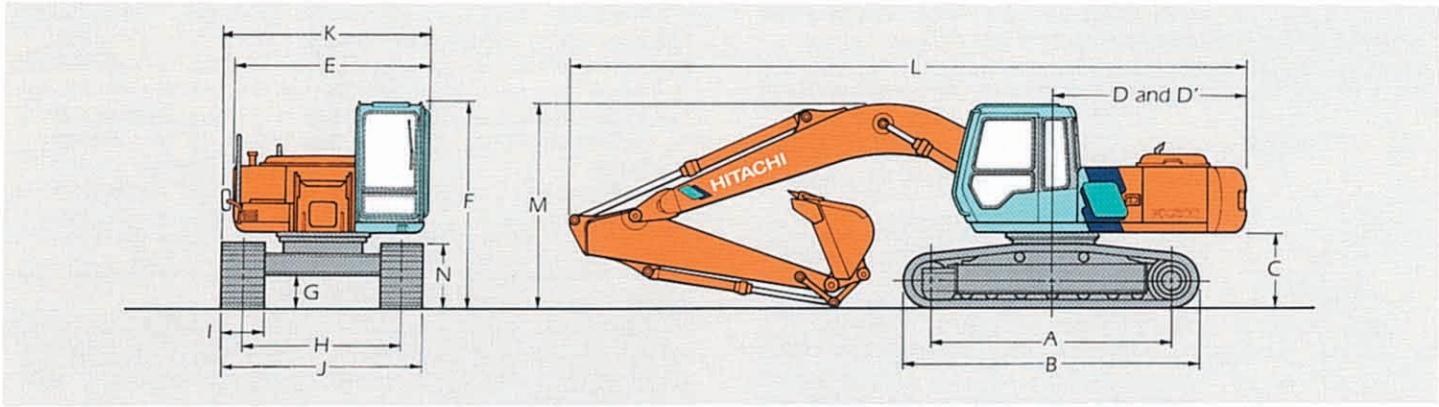
### Buckets

| Capacity | | Width | | No. of teeth | Weight | Recommendation | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | EX200-3 | | | EX200LC-3 | | |
| PCSA heaped | CECE heaped | Without side cutters | With side cutters | | | 2.22 m (7'3") arm | 2.91 m (9'7") arm | 4.41 m* (14'6") arm | 2.22 m (7'3") arm | 2.91 m (9'7") arm | 4.41 m* (14'6") arm |
| 0.51 m³ (0.67 yd³) | 0.45 m³ | 720 mm (28") | 850 mm (33") | 3 | 510 kg (1 130 lb) | ◎ | ◎ | ○ | ◎ | ◎ | ○ |
| 0.80 m³ (1.05 yd³) | 0.70 m³ | 1 030 mm (41") | 1 140 mm (45") | 5 | 640 kg (1 410 lb) | ◎ | ◎ | — | ◎ | ◎ | — |
| 0.91 m³ (1.19 yd³) | 0.80 m³ | 1 150 mm (45") | 1 280 mm (50") | 5 | 700 kg (1 540 lb) | ◎ | ○ | — | ◎ | ◎ | — |
| 1.10 m³ (1.44 yd³) | 0.90 m³ | 1 330 mm (52") | 1 460 mm (58") | 6 | 740 kg (1 630 lb) | ○ | — | — | ○ | ○ | — |
| 1.20 m³ (1.57 yd³) | 1.00 m³ | 1 450 mm (57") | — | 6 | 660 kg (1 460 lb) | □ | — | — | □ | — | — |
| Ripper bucket: 0.50 m³ (0.65 yd³: CECE heaped) Width 800 mm (31") | | | | 3 | 950 kg (2 090 lb) | ● | — | — | ● | — | — |
| One-point ripper | | | | 1 | 550 kg (1 210 lb) | ● | — | — | ● | — | — |
| Clamshell bucket: 0.60 m³ (0.78 yd³: CECE heaped), Width 940 mm (37") | | | | 8 | 1 240 kg (2 730 lb) | ◎ | ◎ | — | ◎ | ◎ | — |
| Slope-finishing blade: Width 1 100 mm (43"), Length 2 200 mm (87") | | | | | 690 kg (1 520 lb) | ◇ | ◇ | — | ◇ | ◇ | — |

*2.91 m (9'7") arm + 1.50 m (4'11") extension arm

◎ Suitable for materials with density of 2 000 kg/m³ (3 370 lb/yd³) or less
○ Suitable for materials with density of 1 600 kg/m³ (2 700 lb/yd³) or less
□ Suitable for materials with density of 1 100 kg/m³ (1 850 lb/yd³) or less
● Heavy-duty service
◇ Slope-finishing service
— Not recommended

## DIMENSIONS



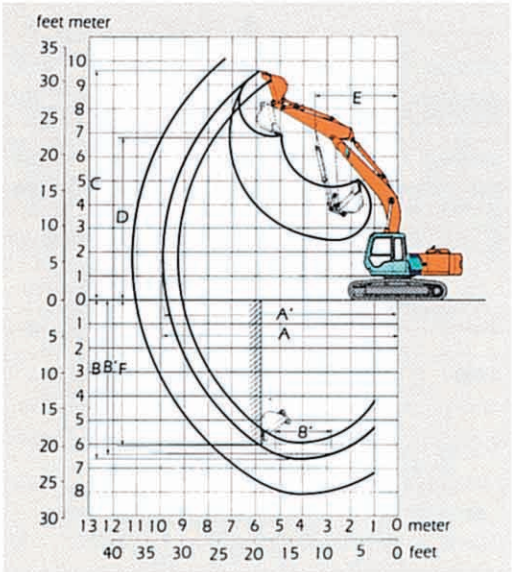

Unit : mm (ft in)

| | | EX200-3 | | | | EX200LC-3 | | | |
|---|---|---|---|---|---|---|---|---|---|
| A | Distance between tumblers | 3 370 (11'1") | | | | 3 660 (12'6") | | | |
| B | Undercarriage length | 4 170 (13'8") | | | | 4 460 (14'8") | | | |
| *C | Counterweight clearance | 1 030 (3'5") | | | | 1 030 (3'5") | | | |
| D | Rear-end swing radius | 2 750 (9'0") | | | | 2 750 (9'0") | | | |
| D' | Rear-end length | 2 710 (8'11") | | | | 2 710 (8'11") | | | |
| E | Overall width of upperstructure | 2 660 (8'9") | | | | 2 660 (8'9") | | | |
| F | Overall height of cab | 2 850 (9'4") | | | | 2 850 (9'4") | | | |
| *G | Min. ground clearance | 450 (1'6") | | | | 450 (1'6") | | | |
| H | Track gauge | 2 200 (7'3") | | | | 2 390 (7'10") | | | |
| I | Track shoe width | G 600 (24") | G 700 (28") | G 800 (31") | T 900 (35") | G 600 (24") | G 700 (28") | G 800 (31") | T 900 (35") |
| J | Undercarriage width | 2 800 (9'2") | 2 900 (9'6") | 3 000 (9'10") | 3 100 (10'2") | 2 990 (9'10") | 3 090 (10'2") | 3 190 (10'6") | 3 290 (10'10") |
| K | Overall width | 2 850 (9'4") | 2 900 (9'6") | 3 000 (9'10") | 3 100 (10'2") | 2 990 (9'10") | 3 090 (10'2") | 3 190 (10'6") | 3 290 (10'10") |
| L | Overall length | | | | | | | | |
| | With 2.22 m (7'3") arm | 9 560 (31'4") | | | | 9 560 (31'4") | | | |
| | With 2.91 m (9'7") arm | 9 490 (31'2") | | | | 9 490 (31'2") | | | |
| | With 4.41 m (14'6") arm | 9 600 (31'6") | | | | 9 600 (31'6") | | | |
| M | Overall height of boom | | | | | | | | |
| | With 2.22 m (7'3") arm | 3 030 (9'11") | | | | 3 030 (9'11") | | | |
| | With 2.91 m (9'7") arm | 2 890 (9'6") | | | | 2 890 (9'6") | | | |
| | With 4.41 m (14'6") arm | 3 500 (11'6") | | | | 3 500 (11'6") | | | |
| N | Track height | | | | | | | | |
| | With triple grouser shoe | 910 (3'0") | | | | 910 (3'0") | | | |

*Excluding track shoe lug.

G: Triple grouser shoe
T: Triangular shoe

## WORKING RANGES




| | | EX200-3 / EX200LC-3 | | |
|---|---|---|---|---|
| **Arm length** | | **2.22 m (7'3")** | **2.91 m (9'7")** | **4.41 m (14'6")*** |
| A | Max. digging reach | 9 250 mm (30'4") | 9 910 mm (32'6") | 11 260 mm (36'11") |
| A' | Max. digging reach (on ground) | 9 080 mm (29'9") | 9 750 mm (32'0") | 11 130 mm (36'6") |
| B | Max. digging depth | 5 980 mm (19'7") | 6 670 mm (21'11") | 8 170 mm (26'10") |
| B' | Max. digging depth (8' level) | 5 740 mm (18'10") | 6 490 mm (21'4") | 7 990 mm (26'3") |
| C | Max. cutting height | 9 170 mm (30'1") | 9 600 mm (31'6") | 10 220 mm (33'6") |
| D | Max. dumping height | 6 390 mm (21'0") | 6 780 mm (22'3") | 7 410 mm (24'4") |
| E | Min. swing radius | 3 530 mm (11'7") | 3 540 mm (11'7") | 3 540 mm (11'7") |
| F | Max. vertical wall | 5 140 mm (16'10") | 6 050 mm (19'10") | 7 550 mm (24'9") |
| Bucket digging force | | 112.9 kN (11 500 kgf, 25 400 lbf) | 112.9 kN (11 500 kgf, 25 400 lbf) | 112.9 kN (11 500 kgf, 25 400 lbf) |
| Arm crowd force | | 113.8 kN (11 600 kgf, 25 600 lbf) | 89.2 kN (9 100 kgf, 20 100 lbf) | 66.7 kN (6 800 kgf, 15 000 lbf) |

Excluding track shoe lug

*2.91 m (9'6") arm + 1.50 m (4'11") extension arm

## STANDARD EQUIPMENT

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

### ENGINE

- 30 A alternator
- Dry-type air filter with evacuator valve (with safety element)
- Cartridge-type engine oil fiter
- Cartridge-type engine oil bypass filter
- Cartridge type fuel filter
- Radiator and oil cooler with dust protective net
- Radiator reserve tank
- Fan guard
- Isolation-mounted engine
- Auto-idling system

### HYDRAULIC SYSTEM

- Load-sensing system
- Flow dividing control system
- Work mode selector
- Engine speed sensing system
- E-P control system (power mode selector)
- FPS
- Hydraulic warm-up control system for hydraulic oil
- Quick warm-up system for pilot circuit
- Shockless valve in pilot circuit
- Swing cushion valve in swing circuit
- Accumulator in pilot circuit (except North America)
- Boom-arm holding valve
- Control valve with main relief valve
- Extra port for control valve
- Suction filter
- Full-flow filter
- Pilot filter

### CAB

All-weather sound-suppressed steel cab equipped with reinforced, tinted (bronze color) glass windows, openable front windows-upper with assist spring, and lower and both side windows with intermittent windshield wipers, front window washer, curved rear window, side mirror (North America only), adjustable suspension seat with adjustable armrests, footrest, electric double horn, auto-tuning radio with digital clock or without digital clock in North America, auto-idle switch, seat belt, cigarette lighter (except North America), ashtray, parcel pocket, rear tray, floor mat, heater, and pilot control shut-off lever, travel alarm with cancel switch (North America only).

### MONITOR SYSTEM

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

### LIGHTS

- 2 working lights and 1 cab light

### UPPERSTRUCTURE

- Undercover
- 3 900 kg (8 600 lb) counterweight
- Fuel level gauge
- Hydraulic oil level gauge
- Tool box
- Utility space
- Rearview mirror (right side)
- Swing parking brake

### UNDERCARRIAGE

- Travel parking brake
- Travel motor covers
- Track guards and hydraulic track adjuster
- Bolt-on sprocket
- Upper rollers and lower rollers
- Reinforced track links with pin seals
- 600 mm (24") triple grouser shoes:
  EX200-3 and EX220LC-3

### FRONT ATTACHMENTS

- Bucket clearance adjust mechanism
- Monolithically cast bucket link A
- Centralized lubrication system
- Dirt seals on all bucket pins
- 2.91 m (9'7") arm
- 0.80 $m^3$ (1.05 $yd^3$: PCSA heaped) bucket

### MISCELLANEOUS

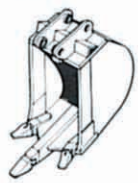
- Standard tool kit
- Lockable machine covers
- Lockable fuel filling cap
- Skid-resistant tapes and handrails.

## OPTIONAL EQUIPMENT

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

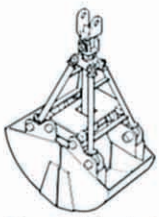
- Air conditioner
- Multi selection lever with rotary valve
- Hose rupture valves
- Electric fuel refilling pump
- Swing motion alarm device with lamps
- Travel motion alarm device
- Additional pump
- Piping kit for extra port
- PTO valve & Additional valve with piping kit
- Ripper bucket for ripping and loading hardpan
- One-point ripper for ripping hardpan
- Clamshell bucket for deep, vertical excavations like manholes, pilings, footings, etc.
- Slope-finishing blade for flope finishing jobs . . . scraping up or down, compacting, leveling, grading etc.

### Type of Bucket



Ripper bucket

One-point ripper

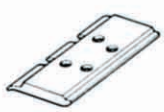


Clamshell bucket

Slope-finishing blade

### Type of Shoe

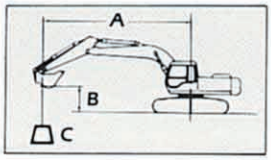
Triple grouser shoe
700 mm (28"), 800 mm (31")



Flat shoe
600 mm (24")

Triangular shoe
900 mm (35")

# LIFTING CAPACITIES




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

## METRIC MEASURE

### EX200-3

Rating over-side or 360 degrees | Raiting over-front | Unit: 1 000 kg (1 000 lb)

| Conditions | Load point height m (ft in) | Load radius m (ft in) 3 (9'10") | | 4 (13'1") | | 5 (16'5") | | 6 (19'8") | | 7 (23'0") | | 8 (26'3") | | At max. reach | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | m @ (ft in) |
| Boom 5.68 m (18'8") Arm 2.22 m (7'3") Bucket PCSA: 0.80 m³ (1.05 yd³) CECE: 0.70 m³ Shoes 600 mm (24") | 6 (19'8") | | | | | | | 3.74 (8.25) | *4.21 (9.28) | | | | | 2.83 (6.24) | *3.27 (7.21) | 7.85 (25'9") |
| | 4 (13'1") | | | *6.16 (13.6) | *6.16 (13.6) | 4.85 (10.7) | *5.22 (11.5) | 3.58 (7.89) | *4.71 (10.4) | 2.72 (6.00) | 4.34 (9.57) | | | 1.84 (4.06) | 3.01 (6.64) | 8.67 (28'5") |
| | 2 (6'7") | | | | | 4.32 (9.53) | 7.15 (15.8) | 3.28 (7.23) | 5.33 (11.8) | 2.55 (5.62) | 4.15 (9.15) | 2.02 (4.45) | 3.32 (7.32) | 1.68 (3.70) | 2.79 (6.15) | 8.91 (29'3") |
| | 0 (Ground) | | | | | 4.01 (8.84) | 6.79 (15.0) | 3.05 (6.72) | 5.08 (11.2) | 2.41 (5.31) | 3.99 (8.80) | 1.94 (4.28) | 3.23 (7.12) | 1.74 (3.84) | 2.90 (6.39) | 8.60 (28'3") |
| | −2 (−6'7") | | | 5.69 (12.5) | 10.0 (22.1) | 3.97 (8.75) | 6.74 (14.9) | 3.00 (6.62) | 5.01 (11.0) | 2.37 (5.23) | 3.95 (8.71) | | | 2.11 (4.65) | 3.49 (7.70) | 7.69 (25'3") |
| | −4 (−13'1") | 9.74 (21.5) | *10.4 (22.9) | 5.88 (13.0) | *8.70 (19.2) | 4.11 (9.06) | 6.90 (15.2) | 3.12 (6.88) | 5.16 (11.4) | | | | | | | |
| Boom 5.68 m (18'8") Arm 2.91 m (9'7") Bucket PCSA: 0.80 m³ (1.05 yd³) CECE: 0.70 m³ Shoes 600 mm (24") | 6 (19'8") | | | | | | | *3.50 (7.72) | *3.50 (7.72) | 2.87 (6.33) | *3.32 (7.32) | | | 1.96 (4.32) | *1.98 (4.37) | 8.61 (28'3") |
| | 4 (13'1") | | | | | *4.40 (9.70) | *4.40 (9.70) | 3.67 (8.09) | *4.11 (9.06) | 2.78 (6.13) | *3.94 (8.69) | 2.14 (4.72) | 3.45 (7.61) | 1.59 (3.51) | *1.99 (4.39) | 9.36 (30'9") |
| | 2 (6'7") | | | 6.22 (13.7) | *8.57 (18.9) | 4.45 (9.81) | *6.43 (14.2) | 3.34 (7.36) | *5.33 (11.8) | *2.58 (5.69) | 4.19 (9.24) | 2.03 (4.48) | 3.34 (7.36) | 1.45 (3.20) | *2.12 (4.67) | 9.57 (31'5") |
| | 0 (Ground) | | | 5.63 (12.4) | *7.91 (17.4) | 4.03 (8.89) | 6.82 (15.0) | 3.06 (6.75) | 5.09 (11.2) | 2.40 (5.29) | 3.98 (8.78) | 1.91 (4.21) | 3.21 (7.08) | 1.48 (3.26) | *2.42 (5.34) | 9.29 (30'6") |
| | −2 (−6'7") | *7.20 (15.9) | *7.20 (15.9) | 5.56 (12.3) | 9.89 (21.8) | 3.90 (8.60) | 6.67 (14.7) | 2.94 (6.48) | 4.96 (10.9) | 2.31 (5.09) | 3.89 (8.58) | 1.87 (4.12) | 3.16 (6.97) | 1.75 (3.86) | 2.95 (6.50) | 8.46 (27'9") |
| | −4 (−13'1") | 9.44 (20.8) | *12.1 (26.7) | 5.71 (12.6) | *9.57 (21.1) | 3.98 (8.78) | 6.76 (14.9) | 2.99 (6.59) | 5.02 (11.1) | 2.38 (5.25) | 3.97 (8.75) | | | | | |

### EX200LC-3

Unit: 1 000 kg (1 000 lb)

| Conditions | Load point height m (ft in) | Load radius m (ft in) 3 (9'10") | | 4 (13'1") | | 5 (16'5") | | 6 (19'8") | | 7 (23'0") | | 8 (26'3") | | At max. reach | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | m @ (ft in) |
| Boom 5.68 m (18'8") Arm 2.22 m (7'3") Bucket PCSA: 0.80 m³ (1.05 yd³) CECE: 0.70 m³ Shoes 800 mm (31") | 6 (19'8") | | | | | | | *4.21 (9.28) | *4.21 (9.28) | | | | | 2.73 (6.02) | *3.27 (7.21) | 7.85 (25'9") |
| | 4 (13'1") | | | | | *6.16 (13.6) | *6.16 (13.6) | *5.22 (11.5) | *5.22 (11.5) | 4.15 (9.15) | *4.71 (10.4) | 3.18 (7.01) | *4.45 (9.81) | 2.19 (4.83) | *3.29 (7.25) | 8.67 (28'5") |
| | 2 (6'7") | | | | | 5.07 (11.2) | *7.19 (15.9) | 3.85 (8.49) | *5.85 (12.9) | 3.01 (6.64) | 4.95 (10.9) | 2.40 (5.29) | 3.97 (8.75) | 2.01 (4.43) | 3.35 (7.39) | 8.91 (29'3") |
| | 0 (Ground) | | | | | 4.75 (10.5) | 8.21 (18.1) | 3.62 (7.98) | 6.10 (13.5) | 2.86 (6.31) | 4.78 (10.5) | 2.32 (5.12) | 3.88 (8.56) | 2.08 (4.59) | 3.49 (7.70) | 8.60 (28'3") |
| | −2 (−6'7") | | | 6.76 (14.9) | *10.4 (22.9) | 4.71 (10.4) | 8.16 (18.0) | 3.56 (7.85) | 6.03 (13.3) | 2.82 (6.22) | 4.74 (10.5) | | | 2.51 (5.53) | 4.17 (9.19) | 7.69 (25'3") |
| | −4 (−13'1") | *10.4 (22.9) | *10.4 (22.9) | 6.96 (15.3) | *8.70 (19.2) | 4.85 (10.7) | *7.16 (15.8) | 3.69 (8.14) | *5.73 (12.6) | | | | | | | |
| Boom 5.68 m (18'8") Arm 2.91 m (9'7") Bucket PCSA: 0.80 m³ (1.05 yd³) CECE: 0.70 m³ Shoes 800 mm (31") | 6 (19'8") | | | | | | | *3.50 (7.72) | *3.50 (7.72) | *3.32 (7.32) | *3.32 (7.32) | | | *1.98 (4.37) | *1.98 (4.37) | 8.61 (28'3" |
| | 4 (13'1") | | | | | *4.40 (9.70) | *4.40 (9.70) | *4.11 (9.06) | *4.11 (9.06) | 3.24 (7.14) | *3.94 (8.69) | 2.52 (5.56) | *3.51 (7.74) | 1.90 (4.19) | *1.99 (4.39) | 9.36 (30'9") |
| | 2 (6'7") | | | 7.31 (16.1) | *8.57 (18.9) | 5.20 (11.5) | *6.43 (14.2) | 3.91 (8.62) | *5.33 (11.8) | 3.04 (6.70) | *4.69 (10.3) | 2.41 (5.31) | 3.98 (8.78) | 1.75 (3.86) | *2.12 (4.67) | 9.57 (31'5") |
| | 0 (Ground) | | | 6.70 (14.8) | *7.91 (17.4) | 4.77 (10.5) | *8.06 (17.8) | 3.62 (7.98) | 6.11 (13.5) | 2.85 (6.28) | 4.78 (10.5) | 2.29 (5.05) | 3.86 (8.51) | 1.80 (3.97) | *2.42 (5.34) | 9.29 (30'6") |
| | −2 (−6'7") | *7.20 (15.9) | *7.20 (15.9) | 6.63 (14.6) | *10.8 (23.8) | 4.64 (10.2) | 8.09 (17.8) | 3.50 (7.72) | 5.98 (13.2) | 2.76 (6.09) | 4.68 (10.3) | 2.25 (4.96) | 3.81 (8.40) | 2.10 (4.63) | *3.01 (6.64) | 8.46 (27'9") |
| | −4 (−13'1") | 11.3 (24.9) | *12.1 (26.7) | 6.78 (14.9) | *9.57 (21.1) | 4.72 (10.4) | *7.74 (17.1) | 3.56 (7.85) | 6.04 (13.3) | 2.84 (6.26) | 4.76 (10.5) | | | | | |

Notes: 1. Ratings are based on SAE J1097.
2. Lifting capacity of the Super 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 capcity.

## ENGLISH MEASURE

### EX200-3

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

| Conditions | Load point height ft in | Load radius (ft in) 5'0" | | 10'0" | | 15'0" | | 20'0" | | 25'0" | | | | At max. reach | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | @ft in |
| Boom 18'8" Arm 7'3" Bucket PCSA: 1.05 yd³ Shoes 24" | 20'0" | | | | | | | 8.00 | *8.76 | | | | | 5.22 | *7.22 | 25'7" |
| | 15'0" | | | | | | | 7.82 | *9.80 | | | | | 4.28 | 6.92 | 27'11" |
| | 10'0" | | | | | 11.6 | *14.9 | 7.39 | *11.4 | 5.00 | 8.10 | | | 3.82 | 6.31 | 29'0" |
| | 5'0" | | | | | | | 6.91 | 11.3 | 4.80 | 7.88 | | | 3.68 | 6.15 | 29'2" |
| | 0 (Ground) | | | | | 10.1 | 17.4 | 6.57 | 10.9 | 4.63 | 7.70 | | | 3.83 | 6.40 | 28'3" |
| | −5'0" | | | | | 10.1 | 17.3 | 6.45 | 10.8 | 4.58 | 7.65 | | | 4.36 | 7.24 | 26'2" |
| | −10'0" | | | 20.5 | *25.6 | 10.2 | 17.5 | 6.53 | 10.9 | | | | | 5.68 | 9.30 | 22'6" |
| | −15'0" | | | | | 10.6 | *15.4 | | | | | | | | | |
| Boom 18'8" Arm 9'7" Bucket PCSA: 1.05 yd³ Shoes 24" | 20'0" | | | | | | | *7.72 | *7.72 | | | | | *4.38 | *4.38 | 28'1" |
| | 15'0" | | | | | | | 8.02 | *8.46 | 5.26 | *8.14 | | | 3.67 | *4.34 | 30'2" |
| | 10'0" | | | | | 12.1 | *12.7 | 7.55 | *10.2 | 5.07 | 8.19 | | | 3.30 | *4.48 | 31'3" |
| | 5'0" | | | | | 10.9 | *17.1 | 7.01 | 11.4 | 4.81 | 7.91 | | | 3.18 | *4.79 | 31'4" |
| | 0 (Ground) | | | | | 10.1 | 17.4 | 6.58 | 10.9 | 4.58 | 7.66 | | | 3.27 | *5.33 | 30'6" |
| | −5'0" | | | *12.8 | *12.8 | 9.90 | 17.1 | 6.35 | 10.7 | 4.46 | 7.52 | | | 3.65 | 6.18 | 28'7" |
| | −10'0" | | | 19.9 | 25.1 | 9.96 | 17.2 | 6.33 | 10.7 | 4.50 | 7.57 | | | 4.54 | 7.55 | 25'5" |
| | −15'0" | | | 20.5 | *24.3 | 10.3 | *17.4 | 6.57 | 10.9 | | | | | 6.88 | *7.82 | 20'2" |

### EX200LC-3

Unit: 1 000 lb

| Conditions | Load point height ft in | Load radius (ft in) 5'0" | | 10'0" | | 15'0" | | 20'0" | | 25'0" | | | | At max. reach | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | @ft in |
| Boom 18'8" Arm 7'3" Bucket PCSA: 1.05 yd³ Shoes 31" | 20'0" | | | | | | | *8.76 | *8.76 | | | | | 6.10 | *7.22 | 25'7" |
| | 15'0" | | | | | | | 9.06 | *9.80 | | | | | 5.06 | *7.20 | 27'11" |
| | 10'0" | | | | | 13.6 | *14.9 | 8.62 | *11.4 | 5.90 | 9.64 | | | 4.56 | *7.45 | 29'0" |
| | 5'0" | | | | | | | 8.13 | *13.3 | 5.69 | 9.41 | | | 4.42 | 7.37 | 29'2" |
| | 0 (Ground) | | | | | 12.0 | *20.8 | 7.79 | 13.1 | 5.52 | 9.23 | | | 4.59 | 7.69 | 28'3" |
| | −5'0" | | | | | 11.9 | *20.7 | 7.66 | 13.0 | 5.48 | 9.18 | | | 5.20 | 8.67 | 26'2" |
| | −10'0" | | | 24.6 | *25.6 | 12.1 | *19.1 | 7.74 | 13.1 | | | | | 6.71 | *9.50 | 22'6" |
| | −15'0" | | | | | 12.5 | *15.4 | | | | | | | | | |
| Boom 18'8" Arm 9'7" Bucket PCSA: 1.05 yd³ Shoes 31" | 20'0" | | | | | | | *7.72 | *7.72 | | | | | *4.38 | *4.38 | 28'1" |
| | 15'0" | | | | | | | *8.46 | *8.46 | 6.17 | *8.14 | | | *4.34 | *4.34 | 30'2" |
| | 10'0" | | | | | *12.7 | *12.7 | 8.79 | *10.2 | 5.97 | *9.06 | | | 3.98 | *4.48 | 31'3" |
| | 5'0" | | | | | 12.8 | *17.1 | 8.23 | *12.2 | 5.71 | 9.45 | | | 3.85 | *4.79 | 31'4" |
| | 0 (Ground) | | | | | 12.0 | *19.9 | 7.80 | 13.1 | 5.48 | 9.20 | | | 3.97 | *5.33 | 30'6" |
| | −5'0" | | | *12.8 | *12.8 | 11.8 | *20.8 | 7.56 | 12.9 | 5.35 | 9.06 | | | 4.40 | *6.23 | 28'7" |
| | −10'0" | | | 23.9 | *25.1 | 11.8 | *20.0 | 7.55 | 12.9 | 5.40 | 9.10 | | | 5.42 | *7.88 | 25'5" |
| | −15'0" | | | *24.3 | *24.3 | 12.1 | *17.4 | 7.78 | *12.6 | | | | | *7.82 | *7.82 | 20'2" |

Notes: 1. Ratings are based on SAE J1097.
2. Lifting capacity of the Super 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 capcity.