

# EH4000ACII SPECIFICATIONS



*TARGET GMOW: 384 000 KG (846,561 LB)*

*RATED POWER: 1864 KW (2500 HP)*

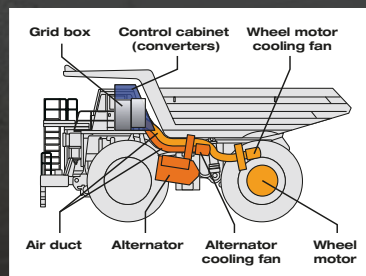
# HITACHI

# HITACHI AC TECHNOLOGY

Hitachi has been at the forefront of both Gate Turn Off (GTO) and IGBT propulsion technology for over 30 years. Our GTO and IGBT systems are powering Japan's famous bullet trains as well as similar trains throughout the world. Now, this IGBT expertise has been channeled into these Hitachi AC-drive trucks.

Unlike all other competitors, the entire AC-drive system is designed, built, and supported by the same company — Hitachi.

The new-generation Hitachi IGBT system outperforms previous and competitive systems through its simplicity, improved efficiency, and enhanced dependability. It couples the best GTO features with higher torque, faster acceleration, smoother retardation, and lower operating costs. All system components are manufactured by Hitachi in Japan under strict quality standards.



■ Extensive cooling efforts ensure higher availability.



■ Component and lubricant life is improved as a result of the circulation system that includes cooling and filtration.

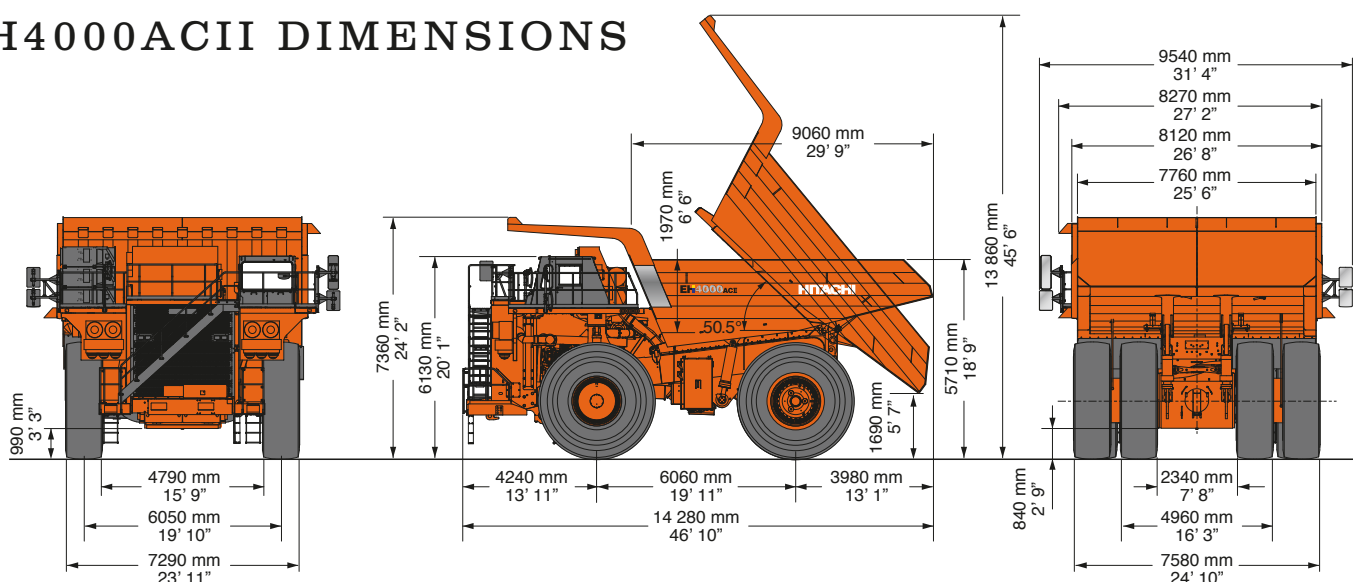


■ Retarding grid boxes are Hitachi built. Each is equipped with an inverter-controlled variable-speed cooling fan.



■ Hitachi Dual-Path Epicyclic Planetary Design provides high efficiency, easy maintenance, and allows the first (outer) planetary carrier to travel at wheel speed which provides lower operating temperatures.

## EH4000ACII DIMENSIONS



## STANDARD EQUIPMENT

## General

- AC-drive system, auto cruise control
- AC-drive system, auto retarding control
- AC-drive system, brake blending control
- AC-drive system control cabinet, pressurized/liquid cooled, and lockable
- Automatic lubrication system (Lincoln)
- Battery isolation switch
- Body prop pins
- Deck-mounted muffler
- Deck-mounted stone guards
- Diagonal front stairway
- Electric-controlled hoist system
- Electric horns (4)
- Engine access ladders (2)
- Engine shutdown switch, beside engine (2)
- Engine shutdown switch, ground level, on bumper (1)
- Engine shutdown switch, inside rear axle (1)
- Fan and belt guards
- Fan clutch
- Fast fluid-filling system
- Fast fuel-filling system provision
- Final-drive lubricant cooling
- Final-drive lubricant filtration
- Front view mirror, LHS/RHS
- Fuel/Water separator
- Fuel tank, 2680 L (708 gal.)
- Ground level battery box
- Ground level relay box
- IGBT-controlled blower fan motors (2)
- IGBT-controlled final drive lubricant motor (1)
- IGBT-controlled grid fan motors (5)
- Load weighing system
- NEOCON suspension struts
- Operator arm guard
- Rear view camera
- Rear view mirrors (4)
- Rims, available for 40.00R57 & 46/90R57 tires
- Side view camera (RHS)
- Suction port shut off valve at hydraulic tank
- Supplementary front braking system, accumulators
- Supplementary rear braking system, accumulators
- Supplementary steering system, accumulators
- Tow hooks, front
- Tow lugs, rear

## Cab

- Air conditioner
- AM-FM radio
- Auxiliary outlet, 12 volt
- Camera monitor
- Engine shutdown switch
- Heater and defroster
- Integral ROPS/FOPS cab
- LCD system monitor
- Load and dump brake switch
- Seat with 2-point, 50 mm (2 in.) width seat belt
  - Full size operator's seat, air suspension & 6 position
  - Regular size trainer's seat, mechanical & adjustable

## Display Monitor Indicators and Gauges

- Brake/steering hydraulic oil-pressure gauge
- Central warning indicator
- Clock
- Coolant temperature gauge
- Drive-related warning indicator
- Engine oil pressure gauge
- Engine-related warning indicators
- Engine-stop warning indicator
- Fuel gauge
- Hour meter
- Hydraulic-related warning indicators
  - HCM code
  - Message
  - SAE code
- Light indicators
- Load meter
- Shift-lever position indicator
- Speedometer (Odometer included)
- Stop-valve warning indicator
- Tachometer
- Turn-signal indicator
- Wheel-motor temperature gauge

## Machine Lights

- Backup lights (2)
- Clearance lights (4)
- Combination stop and tail lights (2)
- Deck lights (2)
- Diagonal front stairway light
- Engine compartment lights (2)
- Halogen headlights (8)
- Payload external indicators, 2 locations of 2 lights each
- Rear-axle-compartment light

## OPTIONAL EQUIPMENT

### OPTIONAL EQUIPMENT WEIGHT

Body liners (400BHN) plates including floor & corners  
(12 mm (.5 in.) thicknesses), sides & front and canopy  
(6 mm (.2 in.) thicknesses) 8201 kg (18,080 lb.)  
4620 L (1,220 gal.) fuel tank with 100 % fuel (additional  
weight to the standard tank with 100 % fuel) 1954 kg  
(4,307.8 lb.)

Gridbox guard 128 kg (282 lb.)  
Loadweight display (1) 75 kg (165 lb.)  
Tire guards 248 kg (548 lb.)

# EH4000ACII SPECIFICATIONS

## ENGINE

|                                              |                                                                      |
|----------------------------------------------|----------------------------------------------------------------------|
| Model                                        | Cummins QSK60C                                                       |
| Configuration                                | 4-cycle diesel with MCR fuel system, 16 cylinders                    |
| Aspiration                                   | 1 stage turbocharged and low-temperature aftercooled                 |
| Emission Certification                       | U.S. E.P.A Tier 2                                                    |
| Rated Output @ 1,900 min <sup>-1</sup> (rpm) |                                                                      |
| Gross (SAE J1995)                            | 1864 kW (2,500 hp)                                                   |
| Net                                          | 1771 kW (2,370 hp)                                                   |
| Maximum Torque (SAE J1995)                   | 1004 kgf•m (7261 lbf•ft) (9839 N•m) at 1,500 min <sup>-1</sup> (rpm) |
| Bore & Stroke                                | 159 x 190 mm (6 in. x 7.5 in.)                                       |
| Displacement                                 | 60 L (3,661 cu. in.)                                                 |
| Starting                                     | 24-Volt Electric                                                     |

## HITACHI AC-DRIVE SYSTEM

### AC-Control Cabinet

|                           |                    |
|---------------------------|--------------------|
| Rectifier Number of units | 1                  |
| Rated capacity            | 1680 kW (2,252 hp) |
| Inverter Number of units  | 2                  |
| Rated capacity per unit   | 1000 kVA           |
| Chopper Number of units   | 2                  |
| Rated capacity per unit   | 1950 kW (2,614 hp) |

Cabinet is pressurized to reduce dust and moisture. Equipped with a reliable liquid cooling system and lockable doors for safety. Equipped with auxiliary inverters to provide grid motors, blower motor for wheel motors, cabinet coolant pump, and final drive lubricant pump with adequate AC current. The AC drive motors can be controlled independently of engine speed, resulting in stable cooling performance on retarding or slowing down. Uniquely constructed for the Rigid Truck application.

### Alternator

|                 |                                           |
|-----------------|-------------------------------------------|
| Number of units | 1                                         |
| Capacity        | 1900 kVA at 1,900 min <sup>-1</sup> (rpm) |

Equipped with an auxiliary alternator that provides AC current to grid motors, blower motors, cabinet coolant pump and final drive lubricant cooling & filtrating pump. Air cooled by an AC-drive blower.

### AC Wheel Motor

|                                |                 |
|--------------------------------|-----------------|
| Number of units                | 2               |
| Capacity per unit              | 720 kW (925 hp) |
| Air cooled by AC-drive blower. |                 |

### Retarding Grid Box

|                                                               |                            |
|---------------------------------------------------------------|----------------------------|
| Number of modules                                             | 5                          |
| Capacity per unit                                             | 625 kW (837.8 hp) (3 min.) |
| Equipped with inverter controlled variable speed cooling fan. |                            |

### Axle

|                 |                    |
|-----------------|--------------------|
| Planetary Ratio | 35.3:1             |
| Maximum Speed   | 56 km/h (34.8 mph) |

## TIRES

|                                            |          |                  |
|--------------------------------------------|----------|------------------|
| <b>Standard – Front and Rear Rim Width</b> | 46/90R57 | 736.6 mm (29 in) |
| <b>Optional – Front and Rear Rim Width</b> | 40.00R57 | 736.6 mm (29 in) |

Optional tires and tread patterns may be available. Certain job conditions may require higher TKPH (TMPH) in order to maintain maximum production. Hitachi recommends evaluating the job conditions and consulting with the tire manufacturer to make proper tire selection.

## ELECTRICAL SYSTEM

Twenty-four-volt system. 140-ampere engine-driven alternator. Four 245H52, 12-volt, heavy-duty batteries connected in series/parallel.

## BODY CAPACITIES

|                |                                               |
|----------------|-----------------------------------------------|
| Struck (SAE)   | 83.5 m <sup>3</sup> (109.2 yd <sup>3</sup> )  |
| Heap 3:1       | 117.0 m <sup>3</sup> (153.0 yd <sup>3</sup> ) |
| Heap 2:1 (SAE) | 134.0 m <sup>3</sup> (175.3 yd <sup>3</sup> ) |

Body capacity and payload subject to change based on customer specific material density and application.

## STEERING SYSTEM

Closed-center, full-time hydrostatic power steering system using two double-acting cylinders and a variable displacement piston pump. Hitachi accumulators provide supplementary steering in accordance with ISO 5010 (SAE J1511), supplying a constant steering rate under all conditions. A tilt/telescopic steering wheel with 35 degrees of tilt and 57 mm (2.2 in.) telescopic travel is standard.

|                             |                       |
|-----------------------------|-----------------------|
| Turning Diameter (ISO 7457) | 30.2 m (99 ft. 1 in.) |
|-----------------------------|-----------------------|

## HYDRAULIC SYSTEM

Two (2) Hitachi three-stage, double-acting cylinders, with electronic-controlled cushioning in retraction and extension, containing dual rod seals and urethane-energized scrapers, inverted and outboard mounted. A tandem piston pump combines with four-position electronic-pilot-controlled hoist valve. The electrical controller is mounted to the shift tower.

|                        |              |
|------------------------|--------------|
| Body Raise Travel      | 57.5 degrees |
| Body Raise Time        | 18 sec.      |
| Body Down Time (Float) | 13 sec.      |

## BRAKE SYSTEM

Brake system complies with ISO 3450 (SAE J1473).

### Service

An all-hydraulic actuated braking system provides precise braking control and quick system response. The system is pressure proportioned, front to rear, for improved slippery road control.

### Front Axle – Dry Disc

Disc diameter each (2 discs/axle, 3 calipers/disc) 121.6 cm (4 ft.)

### Rear Axle – Oil-cooled Wet Disc

Brake surface area per axle 75 760 cm<sup>2</sup> (81 ft<sup>2</sup>)

### Secondary

Dual independent hydraulic circuits within the service-brake system provide fully modulated reserve-braking capability. Both front and rear brakes are automatically applied when loss of supply pressure is detected.

### Parking

Two spring-on, hydraulic-off armature disc-brake heads provide effective parking. The braking system complies with ISO 3450 (SAE J1473).

### Retarder

Superior retardation to zero speed on grades is achieved through AC-wheel motors in conjunction with five Hitachi resistor grid packages. Service brake blending occurs at speeds below 0.5 km/h (0.3 mph).

Maximum dynamic retarding (Standard) 3 200 kW (4,289.6 hp)

### Load/Dump Brake Apply

Through activation of a switch by the operator, a solenoid is energized, sending full brake pressure to apply the rear wet disc brakes. For use during the load and dump cycles.

## WEIGHTS (Approximate)

Net machine weight stated below includes standard equipment.

Net machine weight changes will directly affect the Nominal Payload.

### 46/90R57 (standard) Tires

Chassis with Hoist 136 000 kg (299,828 lb.)

Body (excluding body parts) 26 000 kg (57,320 lb.)

Net Machine Weight 162 000 kg (357,148 lb.)

The Net Machine Weight, includes operator and 100% fuel.

Nominal Payload 222 tonnes (244.7 tons)

Target GMOW 384 000 kg (846,561 lb.)

The Nominal Payload specification is calculated using the Hitachi Loading Policy. Specific job site requirements may result in an adjustment to the Nominal Payload weight. Consult your Hitachi dealer for a truck configuration which will match your haulage application.

### Weight Distribution

#### Front

#### Rear

Empty

48%

52%

Loaded

33%

67%

### 40.00R57 (optional) Tires

Chassis with Hoist 134 000 kg (295,420 lb.)

Body (excluding body parts) 26 000 kg (57,320 lb.)

Net Machine Weight 160 000 kg (352,734 lb.)

The Net Machine Weight, includes operator and 100% fuel.

Nominal Payload 206 tonnes (227 tons)

Target GMOW 366 000 kg (806,878 lb.)

The Nominal Payload specification is calculated using the Hitachi Loading Policy. Specific job site requirements may result in an adjustment to the Nominal Payload weight. Consult your Hitachi dealer for a truck configuration which will match your haulage application.

### Weight Distribution

#### Front

#### Rear

Empty

48%

52%

Loaded

33%

67%

## HI-TECH ROPS/FOPS CAB

New HI-TECH ROPS/FOPS Cab ROPS complies with ISO3471 and SAE J1040-May 94, FOPS complies with ISO3449.

A three-point rubber ISO-mount arrangement to the high-arch cross member minimizes vibration transfer to the operator compartment.

New wider cab with double full-size seat available and enough trainer's leg space brings comfortable operating and training.

### Comfort and Ease of Operation

New wrap-around style dashboard means controls are within easy reach and visual contact. A full complement of easy-to-read automobile-type color Liquid Crystal Display (LCD) monitor and warning system, a spacious environment, six-way adjustable operator's air suspension seat, tilt/telescopic steering wheel, filtered adjustable air vents, all contribute to operator safety and comfort.

### Monitoring System

A new Hitachi system monitor provides display information and diagnostics of all onboard systems and controls which include the engine and Hitachi AC drive. Data links offer complete integration, while a color Liquid Crystal Display (LCD) clearly details machine functions. Downtime is minimized with faster and more reliable troubleshooting and analysis. A new Hitachi load monitoring system offers benefits such as better equipment utilization on the jobsite, accurate unit and fleet production results, and benchmark unit statistics against fleet results. Cycle time, distance, and cycle count can all be measured and recorded as information that can help in developing higher productivity. The Hitachi load monitoring system is fully integrated with the Hitachi vehicle monitoring system and display interface, avoiding potential failure or error common in aftermarket systems.

### Camera Monitoring System

Included as standard safety equipment, an analog monitor has been mounted to the dashboard to display live camera information of the rear and right front area.

### Excellent Serviceability

A removable front cover of the cab allows easy access to the service brake valve and A/C filter. A removable cover located behind the seat provides easy access to the electric components, Hitachi controller, and all electrical junction points.

## SUSPENSION

### Front Suspension

Independent trailing arms make up the front axle. NEOCON struts containing energy-absorbing gas and compressible NEOCON-E™ fluid are mounted between the trailing arms and frame. Inherent in the NEOCON strut design is a variable damping and rebound feature.

### Rear Suspension

"A" frame structure, integral with axle housing, links the drive axle to the frame at forward center point with pin and spherical bushing. A track rod provides lateral stability between the frame and drive axle. Heavy-duty rear-mounted NEOCON struts containing energy-absorbing gas and compressible NEOCON-E™ fluid suspend the drive axle from the frame. Integral variable damping and rebound feature included.

## FRAME

Full fabricated box-section main rails with section height tapered from rear to front. Narrow at the rear to support the load and wider at the front allowing truck stability and excellent engine access for servicing. One-piece top and bottom flanges that eliminate cross member tie-in joints and provide a large exposed center area for access to major components. Large radii at frame junctions are blended and ground to minimize stress concentrations. Weld joints are oriented longitudinally to the principal flow of stress for greater durability and more strength.

The new "bolt-on" High Arch Design requires less assembling time and no welding. The design provides higher structural quality and better serviceability during engine overhaul.

## BODY

An extended canopy protects the service deck area. High tensile strength 400 BHN abrasion and impact resistant alloy steel is used for the plate indicated below:

|         |                 |
|---------|-----------------|
| Floor   | 16 mm (.6 in.)  |
| Front   | 9 mm (.35 in.)  |
| Sides   | 9 mm (.35 in.)  |
| Canopy  | 6 mm (.2 in.)   |
| Corners | 12 mm (.47 in.) |

High-strength 690 N/mm<sup>2</sup> (100 000 psi) alloy steel is also used for the canopy side members and floor stiffeners. The body is rubber cushioned on the frame.

### Optional Body Liners

|                 |                 |
|-----------------|-----------------|
| Floor & Corners | 12 mm (.47 in.) |
| Sides & Front   | 6 mm (.2 in.)   |
| Canopy          | 6 mm (.2 in.)   |

Special plate thicknesses and partial plates are available.

## SERVICE CAPACITIES

|                              |                        |
|------------------------------|------------------------|
| Main Accumulator             | 85 L (22.5 gal.)       |
| Crankcase (includes filters) | 260 L (68.6 gal.)      |
| Engine Cooling System        | 619 L (163.5 gal.)     |
| Fuel Tank (Standard)         | 2 680 L (708 gal.)     |
| Fuel Tank (Optional)         | 4 620 L (1,220.5 gal.) |
| Hydraulic System             | 750 L (198.1 gal.)     |
| Brake cooling system         | 250 L (66 gal.)        |
| Planetary Drives (L&R)       | 300 L (79.3 gal.)      |
| Front Wheels (L&R)           | 34 L (9 gal.)          |
| Windshield Washer            | 20 L (5.3 gal.)        |



# BASIC COMPONENT WEIGHTS

| INFORMATION FOR BUILDING SHIPPING LOADS <i>(DOES NOT INCLUDE BODY OR TIRES)</i> |                      |                        |             |                          |                        |                        |
|---------------------------------------------------------------------------------|----------------------|------------------------|-------------|--------------------------|------------------------|------------------------|
| SKID/CASE                                                                       | DESCRIPTION          | WEIGHT                 | DIMENSIONS: | Length                   | Width                  | Height                 |
| #1 Steel Skid:                                                                  | Frame                | 43 076 kg (94,965 lb.) |             | 11 430 mm (37 ft. 6 in.) | 4370 mm (14 ft. 4 in.) | 4020 mm (13 ft. 2 in.) |
| #2 Steel Skid:                                                                  | Front Axle           | 14 171 kg (31,241 lb.) |             | 7400 mm (24 ft. 3 in.)   | 3000 mm (9 ft. 10 in.) | 1750 mm (5 ft. 9 in.)  |
| #3 Steel Skid:                                                                  | Cab                  | 2680 kg (5908 lb.)     |             | 2700 mm (8 ft. 10 in.)   | 1700 mm (5 ft. 7 in.)  | 2450 mm (8 ft.)        |
| #4 Steel Skid:                                                                  | Cab Support          | 2190 kg (4828 lb.)     |             | 7130 mm (23 ft. 5 in.)   | 1890 mm (6 ft. 2 in.)  | 1200 mm (3 ft. 11 in.) |
| #5 Steel Skid:                                                                  | Left Fender          | 370 kg (816 lb.)       |             | 2080 mm (6 ft. 10 in.)   | 1480 mm (4 ft. 10 in.) | 1100 mm (3 ft. 7 in.)  |
| #6 Steel Skid:                                                                  | Right Fender         | 337 kg (743 lb.)       |             | 2370 mm (7 ft. 9 in.)    | 1480 mm (4 ft. 10 in.) | 1200 mm (3 ft. 11 in.) |
| #7 Steel Skid:                                                                  | Right Bumper         | 134 kg (295 lb.)       |             | 1120 mm (3 ft. 8 in.)    | 840 mm (2 ft 9 in.)    | 1640 mm (5 ft. 5 in.)  |
| #8 Steel Skid:                                                                  | Battery Box          | 503 kg (1109 lb.)      |             | 2270 mm (7 ft. 5 in.)    | 860 mm (2 ft. 10 in.)  | 710 mm (2 ft. 4 in.)   |
| #9 Steel Skid:                                                                  | Grid Box (2 p)       | 868 kg (1914 lb.)      |             | 1780 mm (5 ft. 10 in.)   | 860 mm (2 ft. 10 in.)  | 1570 mm (5 ft. 2 in.)  |
| #10 Steel Skid:                                                                 | Grid Box (2 p)       | 868 kg (1914 lb.)      |             | 1780 mm (5 ft. 10 in.)   | 860 mm (2 ft. 10 in.)  | 1570 mm (5 ft. 2 in.)  |
| #11 Steel Skid:                                                                 | Grid Box (1 p)       | 460 kg (1014 lb.)      |             | 1780 mm (5 ft. 10 in.)   | 860 mm (2 ft. 10 in.)  | 950 mm (3 ft. 1 in.)   |
| #12 Case:                                                                       | Control Cabinet      | 2868 kg (6323 lb.)     |             | 3080 mm (10 ft. 1 in.)   | 1580 mm (5 ft. 2 in.)  | 2480 mm (8 ft. 2 in.)  |
| #13 Steel Skid:                                                                 | Right Deck 1         | 408 kg (899 lb.)       |             | 2100 mm (6 ft. 11 in.)   | 2100 mm (6 ft. 11 in.) | 1500 mm (4 ft. 11 in.) |
| #14 Steel Skid:                                                                 | Right Deck 2         | 270 kg (595 lb.)       |             | 2200 mm (7 ft. 3 in.)    | 2100 mm (6 ft. 11 in.) | 700 mm (2 ft. 4 in.)   |
| #15 Steel Skid:                                                                 | Handrail, Deck, etc  | 913 kg (2013 lb.)      |             | 4500 mm (14 ft. 9 in.)   | 2000 mm (6 ft. 7 in.)  | 1560 mm (5 ft. 1 in.)  |
| #16 Steel Skid:                                                                 | Steps, Ejector       | 517 kg (1,140 lb.)     |             | 5500 mm (18 ft. 1 in.)   | 970 mm (3 ft. 2 in.)   | 1370 mm (4 ft. 6 in.)  |
| #17 Steel Case:                                                                 | Misc. Parts (1)      | 1095 kg (2414 lb.)     |             | 2260 mm (7 ft. 5 in.)    | 1150 mm (3 ft. 9 in.)  | 740 mm (2 ft. 5 in.)   |
| #18 Steel Case:                                                                 | Misc. Parts (2)      | 827 kg (1823 lb.)      |             | 1150 mm (3 ft. 9 in.)    | 1130 mm (3 ft. 8 in.)  | 550 mm (1 ft. 10 in.)  |
| #19 Steel Case:                                                                 | Misc. Parts (3)      | 577 kg (1272 lb.)      |             | 2260 mm (7 ft. 5 in.)    | 1150 mm (3 ft. 9 in.)  | 740 mm (2 ft. 5 in.)   |
| #20 Steel Skid:                                                                 | Fuel Tank            | 1287 kg (2837 lb.)     |             | 1700 mm (5 ft. 7 in.)    | 1400 mm (4 ft. 7 in.)  | 2500 mm (8 ft. 2 in.)  |
| #21 Steel Skid:                                                                 | Front Strut x 2      | 1071 kg (2361 lb.)     |             | 2290 mm (7 ft. 6 in.)    | 770 mm (2 ft. 6 in.)   | 580 mm (1 ft. 11 in.)  |
| #22 Steel Skid:                                                                 | Accumulator (1)      | 556 kg (1226 lb.)      |             | 3000 mm (9 ft. 10 in.)   | 370 mm (1 ft. 3 in.)   | 520 mm (1 ft. 8 in.)   |
| #23 Steel Case:                                                                 | Accumulator (2), etc | 396 kg (873 lb.)       |             | 2260 mm (7 ft. 5 in.)    | 1150 mm (3 ft. 9 in.)  | 740 mm (2 ft. 5 in.)   |
| #24 Steel Case:                                                                 | Piping Intakes, etc  | 267 kg (589 lb.)       |             | 2260 mm (7 ft. 5 in.)    | 1150 mm (3 ft. 9 in.)  | 740 mm (2 ft. 5 in.)   |
| #25 Steel Skid:                                                                 | Muffler              | 282 kg (622 lb.)       |             | 1900 mm (6 ft. 3 in.)    | 1400 mm (4 ft. 7 in.)  | 920 mm (3 ft.)         |
| #26 Steel Skid:                                                                 | Spacer x 2           | 470 kg (1036 lb.)      |             | 1350 mm (4 ft. 5 in.)    | 1350 mm (4 ft. 5 in.)  | 1200 mm (3 ft. 11 in.) |
| #27 Steel Skid:                                                                 | Travel Device        | 15 469 kg (34,103 lb.) |             | 3300 mm (10 ft. 10 in.)  | 1700 mm (5 ft. 7 in.)  | 1900 mm (6 ft. 3 in.)  |
| #28 Steel Skid:                                                                 | Travel Device        | 15 469 kg (34,103 lb.) |             | 3300 mm (10 ft. 10 in.)  | 1700 mm (5 ft. 7 in.)  | 1900 mm (6 ft. 3 in.)  |
| #29 Steel Skid:                                                                 | Optional Fuel Tank   | 1340 kg (2954 lb.)     |             | 2120 mm (6 ft. 11 in.)   | 1700 mm (5 ft. 7 in.)  | 2380 mm (7 ft. 10 in.) |

# EXCAVATOR MATCH

| PASSES TO FILL EH4000ACII*           |                                |                               |                                |                               |
|--------------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|
| EX3600-6 Excavator                   |                                | EX5500-6 Excavator            |                                | EX8000-6 Excavator            |
| Shovel                               | Backhoe                        | Shovel                        | Backhoe                        | Shovel                        |
| 21 m³ (27.4-cu.-yd.) Bucket**        | 22 m³ (28.7-cu.-yd.) Bucket*** | 27 m³ (35.3-cu.-yd.) Bucket** | 29 m³ (37.9-cu.-yd.) Bucket*** | 40 m³ (52.3-cu.-yd.) Bucket** |
| 6 Passes                             | 6 Passes                       | 5 Passes                      | 4 Passes                       | 3 Passes                      |
| *SAE 2:1 148.2 m³ (193.8-cu.-yd.).   |                                |                               |                                |                               |
| **Bucket Capacity (SAE 2:1 heaped).  |                                |                               |                                |                               |
| ***Bucket Capacity (SAE 1:1 heaped). |                                |                               |                                |                               |

OUR NAME LOOKS GOOD ON ORANGE.

It's our color. It's our brand. New product-support initiatives and our strengthened dealer network are more proof that we are as passionate as ever about this industry. We are dedicated to building the best equipment in the world and keeping it painted Hitachi Orange.

# HITACHI

[www.hitachiminining.com](http://www.hitachiminining.com)

**Specifications and design subject to change without notice.**

