

KOMATSU®

930E-4SE

MAXIMUM GVW
505755 kg **1,115,000 lb**
GROSS HORSEPOWER
2611 kW **3,500 HP**

930E

ELECTRIC DRIVE TRUCK



Photo may include optional equipment.

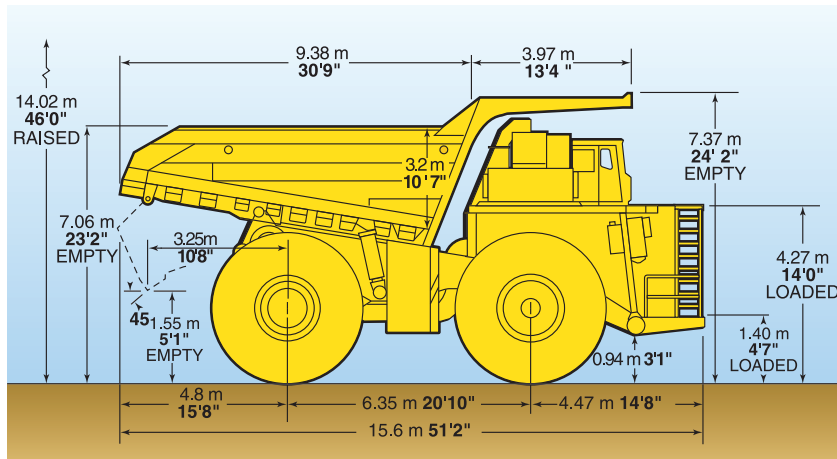
* Includes lube oil filters

ELECTRIC DRIVE TRUCK

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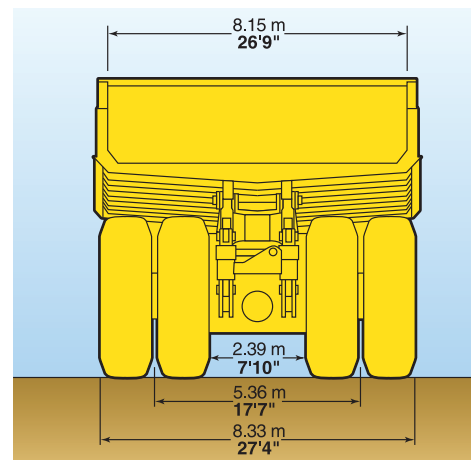
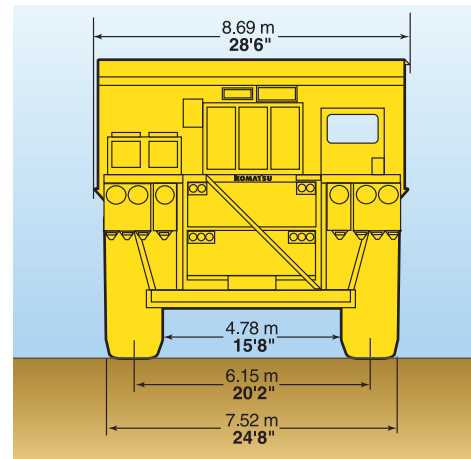
DIMENSIONS



All dimensions are with 218 m³ 285 yd³ body (optional body).

Bodies	Struck	2:1 Heap	*Loading Height
Standard	171 m ³ 224 yd ³	211 m ³ 276 yd ³	7.06 m 23'2"

* Exact load height may vary due to tire make, type, and inflation pressure.



HYDRAULIC SYSTEM

Steering Accumulator assisted with twin double acting cylinders provide constant rate steering. Secondary steering automatically supplied by accumulator.

Turning circle diameter (SAE) 29.7 m 97'7"

Reservoir 947 L 250 U.S. gal

Filtration In-line replaceable elements

Suction Single, full flow, 100 mesh

Hoist and steering Dual, in-line, high pressure.

Brake component cabinet Above deck, easily accessible with diagnostic test connections.

Hoist Two 3-stage dual-acting outboard cylinders, internal cushion valve, over-center dampening.

Hoist times

Power-up loaded 21 sec

Power-down 23 sec

Float-down empty 24 sec

Pumps Two pumps, single package, end of alternator

Hoist and brake cooling Tandem gear pump with output of 1022 lpm 270 gpm at 1900 rpm and 17237 kPa 2,500 psi

Steering and brake Pressure-compensating axial piston pump with output of 246 lpm 65 gpm at 1900 rpm and 18961 kPa 2,750 psi

System relief pressures

Hoist and brake cooling 17237 kPa 2,500 psi

Steering and brake 27579 kPa 4,000 psi

Quick disconnects standard for systems diagnostics and buddy dump.



ELECTRICAL SYSTEM

4 x 8D and 2 x 30H, 220-ampere-hour batteries, bumper-mounted with disconnect switch.

Alternator 24 volt, 140 amp

Lighting 24 volt

Cranking motors two/24 volt



WEIGHT DISTRIBUTION

Empty Vehicle	kg	lb	%
Front axle	104459	230,293	48.5
Rear axle	110847	244,377	51.5
Total (wet, 100% fuel)	215307	474,670	

Loaded Vehicle at maximum GVW rating

Front axle	165956	365,871	32.8
Rear axle	339649	748,799	67.2
Total	505755	1,115,000	

NOTE: GVW shall not exceed 505755 kg 1,115,000 lb including options, liners, fuel and payload, subject to application approval by Komatsu.

NOTE: Komatsu trucks comply with SAE specifications for cab noise, ROPS, steering and braking. Cover photos and illustrations may show optional equipment. Materials and specifications subject to change without notice.

**STANDARD EQUIPMENT**

- Air cleaners, Donaldson SRG
- Air filter evacuators
- Alternator (24 volt/140A)
- Auto lubrication system (Lincoln) w/ground level fill & level indicator
- Batteries—4 x 8D and 2 x 30H (1450 CCA's)
- Battery charging cable and socket
- Body over center device
- Brakes: oil-cooled, multiple disc front & rear
- Circuit breakers, 24 volt
- Control cabinet
- Electric start
- Eliminator system for engine lubrication
- Filters, high pressure hydraulic
- Gate valves on hydraulic tank
- Ground level radiator fill
- Komatsu Payload Weighing System—PLM-III
- Mirrors, LH flat and RH rectangular convex
- Mud flaps
- Muffled exhaust—deck-mounted
- Power supply, 24 volt and 12 volt DC
- Quick disconnects (hoist and diagnostics)
- Radiator sight gauge
- Removable power module unit (radiator, engine, alternator, blower)
- Retard speed control
- Reverse retarding
- Rock ejectors
- Thermostatic Fan Clutch
- Wiggins Fast-Fill Fuel System (in tank and left side remote)
- Service Center—LH
- Body Impact Plate

OPERATOR ENVIRONMENT & CONTROL:

- All hydraulic service brakes with secondary auto apply
- Battery disconnect switch
- Body up sling
- Brake lock and drive system interlock
- Circuit breakers, 24 volt
- Diagonal staircase across grille, L to R
- Dynamic retarding with continuous rated element grids
- Engine shutdown at ground level
- Hoist propulsion interlock
- Horns (electric—front and back-up)
- Integral ROPS/FOPS Cab Level 2

- Maintenance and power lockout
- Parking brakes with warning light & speed application protection
- Power steering w/auto secondary steering
- Protective deck handrails
- Pump driveline protector
- Radiator fan guard
- Seat belts 76 mm 3" retractable
- Skid-resistant coating on walkways

STANDARD HIGH VISIBILITY DELUXE CAB:

- AC Drive Interface Display
- Air cleaner vacuum gauges
- Air conditioner HFC-134A
- Alarm System warning lights (red)
 - Accumulator pre-charge
 - Brake/hydraulic oil temperature w/alarm
 - Coolant low level w/alarm
 - Drive system temperature w/alarm
 - Electric system fault w/alarm
 - Hydraulic oil level w/alarm
 - Low engine oil pressure w/alarm
 - Low brake pressure w/alarm
 - No propel/retard power w/alarm
 - Stop engine no propel w/alarm
 - Steering pressure w/alarm
- AM/FM/CD/MP3 and weather band
- Column-mounted retarder control
- Digital tachometer and speedometer
- Dome light
- Engine hourmeter, oil pressure gauge, coolant temperature gauge, hydraulic oil temperature gauge
- Engine shutdown w/"Smart Timer" delay
- Floor mat (double barrier)
- Fuel gauge in cab and on tank
- Fuel low level light and buzzer
- Gauges (w/backlight)
- Headlight switch
- Heater and defroster (heavy-duty)
- Heater switch
- High beam selector and indicator
- Horn (center of steering wheel)
- Indicator lights (amber):
 - Check engine w/alarm
 - Circuit breaker tripped
 - Coolant high temperature w/alarm
 - Drive system reset switch

- Drive system temperature w/alarm
- Dump body up
- Dynamic retarding
- Lincoln Lube
- Low Fuel
- Manual back-up lights
- Park brakes applied
- Propel system not ready
- Reduced propel system mode
- Retard at continuous level
- Retard speed control
- Service brakes
- Starter circuit
- Timed engine shutdown
- Insulation (Max R-Value)
- KOMTRAX Plus
- Operator seat, adjustable w/air suspension, lumbar support and arm rests
- Panel lighting (adjustable)
- Passenger seat
- Power windows
- Pressurized cab air system w/fan on
- Single brake/retarder pedal
- Starter key switch
- Sunvisor (adjustable)
- Tilt & telescoping steering wheel
- Voltmeter (battery output)
- Windshield (tinted safety plate)
- Windshield wiper (dual) and washer (electric)

LIGHTING:

- Back-up lights—rear mount (2) halogen
- Back-up lights—R and L - deck mount (2) halogen
- Brake and retard lights on top of cab
- Clearance lights
- Control cabinet service light (LED)
- Dynamic retarding, rear (2) halogen
- Engine compartment service lights
- Fog lights (2) halogen
- Headlights (8) halogen
- Stairway lights
- Manual back-up light, switch and indicator
- Payload lights R and L (LED)
- Platform lights R, L and Center
- Stop & tail lights (2) (LED)
- Turn signals halogen
- Under-hood service lights

**OPTIONAL EQUIPMENT**

(Optional equipment may change operating weight).

- Body Liners*
- Fire extinguisher 9 kg **20 lb**
- Heated Body
- Hot start engine coolant (220V 2-2500W)
- Hot start engine oil (220V 2-600W)
- Hubodometer (miles or kilometers)
- Modular Mining Systems (MMS) ready
- Mufflers between frame rails
- Radiator shutters
- Service Center—RH
- Special language decals
- Suspensions, cold weather

*Available factory installed or non-installed. All other options and accessories listed are available factory installed only.

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