860E-1K
Electric Drive Truck

GROSS HORSEPOWER
2,700 HP 2014 kW

NET HORSEPOWER
2,550 HP 1902 kW

NOMINAL GVW
987,700 lb 448013 kg

PHOTOS MAY INCLUDE OPTIONAL EQUIPMENT
**GROSS HORSEPOWER**
- **NET HORSEPOWER**
- **GROSS HORSEPOWER**
- **NOMINAL GVW**

<table>
<thead>
<tr>
<th>NET HORSEPOWER</th>
<th>GROSS HORSEPOWER</th>
<th>NOMINAL GVW</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,550 HP 1902 kW @ 1900 rpm</td>
<td>2,700 HP 2014 kW @ 1900 rpm</td>
<td>987,700 lb 448013 kg</td>
</tr>
</tbody>
</table>

**KOMTRAX Plus®**

KOMTRAX Plus equipped machines can send SMR and trend information to a secure website utilizing wireless technology. Machines also relay error codes, cautions, maintenance items, fuel burn, and much more.

**KOMTRAX Plus®** allows immediate diagnostics of key engine, chassis, and drive system components. Oil-cooled wet disc braking system reduces wear and extends component replacement intervals. Extended Oil Change Intervals with Oil Reserve System. Automatic lubrication system. Flange mounted rims with optional Komatsu Smart Rims. Eliminator® oil filtration system. In-tank fast fuel system.

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Komatsu SSDA16V160 Engine
Komatsu’s SSDA16V160 engine has earned a reputation for being one of the most reliable high horsepower engines in the mining industry today. This 2014 kW 2,700 HP engine is certified, out of the exhaust pipe, to meet US EPA Tier 2 emission levels. Fuel efficiency is maximized due to optimized air handling with 2-stage turbocharging. A standard pre-lube system is designed to reduce start-up wear and increase overhaul life. Standard features include:
- CENSE® on board monitoring of engine performance for each cylinder
- CENTINEL® Advanced Engine Oil Management System
- ELIMINATOR® filtration system reduces oil and filter changes by one third
- Oil Reserve System extends oil change interval

Electric Dynamic Retarder
The 3469 kW 4,650 HP retarding system provides state-of-the-art braking capacity for navigating today’s mining applications which contain steep continuous descents and sharp switchbacks. This power capacity, coupled with the ultra-quiet, high volume, low speed fan makes it possible for the operator to maintain control with confidence while hauling downhill. Electric retard reduces the need for service brake applications.

Komatsu Drive
Field tested in the toughest applications, Komatsu Drive is a unique system that features:
- Improved torque capacity
- Top speed of 64 kph 40 mph
- Independent control of the rear wheel motors
- Siemens liquid cooled IGBT inverter system and Traction Control algorithms
These features come together to deliver higher reliability and superior performance in applications.
Traction (Spin-Slide) Control
During slippery conditions, the 860E-1K wheel traction control technology detects and corrects wheel spin or slide events. Traction Control operates automatically and independently of the service brakes, providing a means of controlling the machine in slippery conditions.

Propulsion/Retard Speed Control
Propulsion/Retard Speed Control allows the operator to set a desired speed. This function monitors the speed of each wheel independently for immediate adjustments in propulsion or retarding effort in order to maintain the desired speed.

Trolley (optional)
The 860E-1KT trolley system allows for faster ascent up grades, providing higher production and lower fuel consumption compared to conventional diesel systems.

Komatsu Designed Application Specific Body
Utilizing the required body worksheet (BW) process, Komatsu ensures that each body is designed to meet the requirements for each specific application while carrying its rated payload. Komatsu works with each customer to understand all of the material properties at a mine site and to identify the appropriate liner package. Komatsu offers a standard all-welded steel, flat floor body with an over the cab canopy and horizontal bolster.
- Standard Body Struck Capacity: 122 m³ 160 yd³
- Standard Body SAE Heaped 2:1: 169 m³ 221 yd³
- Standard Komatsu Body Weight: 33643 kg 74,171 lbs

Hill Start
An innovative feature the Komatsu drive system provides is the Hill Start logic. This built in functionality will help reduce rollback in the event of a stop while the truck is ascending a ramp. Additionally, the feature automatically controls the braking function when an operator that is stopped on grade wants to continue up the ramp.
Tight Turning Radius

By using double acting hydraulic steering cylinders with a six-point articulation linkage, the power steering system provides steering control with minimal operator effort. The turning radius is 15.5 m (51'), which provides excellent maneuverability for tight loading and dumping conditions. The steering accumulators comply with ISO-5010 standards.

Hydrair® II Hydro pneumatic Suspension

Hydrair® II is a suspension system that utilizes four nitrogen-over-oil cylinders. This suspension system is designed to maximize machine productivity by providing the operator with a smooth and comfortable ride. By absorbing shocks to the chassis during operation, Hydrair® contributes to the durability of the machine’s frame and components.

Payload Meter IV (PLM IV)

PLM IV is an electronic system that monitors and records payload information for Komatsu’s family of Off-Highway Mining Trucks. The improved accuracy of payload measurement and reliability of the system are designed to optimize payloads, maximize productivity, and reduce the life cycle costs of the truck. PLM IV tracks and records the following key production parameters:

- Payload
- Empty Carry-Back
- Operator Identification
- Haul Cycle, Loading, Dumping Time of Day
- Distance Traveled (Loaded and Empty)
- Cycle Time Information
- Maximum Speeds (Loaded and Empty)
- TMPH for Front and Rear Tires
- Average Speed (Loaded and Empty)
Ergonomically Designed Cab
The Komatsu 860E-1K cab design provides operators a comfortable and productive environment to meet today’s mining demands. The cab features tinted safety glass windows, heating and air conditioning, acoustical insulation, double sealed doors, and filtered - pressurized air to reduce dust.

User Friendly Display
The 860E-1K comes with a new operator friendly dash configuration which includes lighted gauges, switches, and information panel. This allows the operator to see the status of the machine during operation and informs them of any faults. An instructive message will appear after any fault is detected on the machine.

Built-in ROPS and FOPS Structure
These structures conform to ISO standards 3471 and 3449.

Operator Seat
Komatsu recognizes that operator comfort is a key to productivity in today’s mining environment. The five-way adjustable operator seat and the tilt-telescopic steering column provide an optimum driving posture for increased operator comfort and control over the machine. The air suspension seat absorbs vibrations transmitted from the machine, reducing operator fatigue. A blaze orange 76 mm 3" wide three-point seat belt is provided as standard equipment.
**Structurally Enhanced Frame Design**

By using advanced computer-aided design, finite element analysis, and full-scale dynamic and static testing, the frame design has been structurally enhanced to carry 254 tonne **280 short tons** and provides the highest reliability in the industry.

**Castings Used in High Stress Areas**

To increase frame reliability, steel castings have been incorporated at key frame pivot points and key load bearing critical portions of the frame. This includes the rear body pivot and horsecollar sections.

**Steering and Brake Accumulators**

In the event that the hydraulic pressure in the steering or braking system drops below an acceptable level, nitrogen charged accumulators will automatically apply the brakes so that the truck may be stopped. There are separate accumulators for the braking and steering systems.

**Simple and Reliable Hydraulic System**

The hydraulic system is a proven and reliable design with fewer parts than other OEMs. The system utilizes a single tank, providing one common source of fluid for steering, braking, and hoist actuation. In-line, replaceable filtration elements provide protection from hydraulic system contamination, making the system easier to service.

To keep downtime to a minimum, Komatsu developed a sub-frame pump module that can be removed and replaced as a single unit. This reduces change-out time and allows easy access to the hydraulic pump module.
Dynamic Retarding
For daily operation, the 860E-1K is equipped with an electric retarding package which can supply up to 3469 kW, 4,650 hp of resistance. When requested, the wheel motors switch from motors to electrical generators. The resistive force created from this process is used to slow the truck to the desired speed. The power generated is then run over an 18 element grid which converts the electricity into heat. The heat is then dissipated into the atmosphere by the quietest grid blower Komatsu has ever used.

Integrated Park Brake
To further reduce the maintenance on the 860E-1K, Komatsu has included an integrated, spring applied, park brake. This system uses the existing components of the service brakes to function as the park brake. This eliminates the need to change high wear parts on independent service and parking brake systems.

Fully Hydraulic Controlled Multiple-Disc Wet Brakes
Although the dynamic retarding system is the primary braking force, the 860E-1K comes standard with four-wheel, hydraulically actuated, oil cooled service brakes. In the event that the truck’s hydraulic system pressure drops below an acceptable level, accumulator tanks will automatically apply all wheel brakes to bring the truck to a complete stop.

- Max. service apply pressure: 16547 kPa, 2,400 psi
- Total friction area per brake: 75439 cm², 11,693 in²

The oil cooled brake system provides lower maintenance costs and higher reliability versus dry disc brakes. This system is fully sealed to help keep contaminants out and reduce brake wear and maintenance. The brakes are hydraulically actuated, removing all air from the design. By eliminating an air system, air bleeding is not required and water condensation that can lead to contamination, freezing, and corrosion is no longer present. There are three independent hydraulic circuits that provide hydraulic back-up.

Service Brake Performance

Photos may include optional equipment.
Advanced Monitoring System – On-board Diagnostics
The Komatsu advanced monitoring system identifies maintenance items to the operator, reduces diagnostic times, indicates oil filter replacement hours, and displays fault codes to maximize machine availability and productivity.

Extended Engine Oil Change
CENTINEL® oil management system and ELIMINATOR® filtration system reduce oil and filter changes to lower scheduled downtime. Oil drain is extended to up to 4,000 hours, and there are no spin-on oil filters. ELIMINATOR® paper is replaced every 1,500 hours.

Automatic Lubrication System
The automatic lubrication system is designed to reduce downtime for lubrication by having a centralized location that automatically distributes grease to all lubrication points.

KOMTRAX Plus®
As part of a complete service and support program, Komatsu equips every mining and quarry sized machine with Komtrax Plus®. By using a satellite-based communication system, Komtrax Plus® offers a new vision of monitoring your valuable assets by providing insight to critical operating metrics and information that can be used to increase availability, lower owning and operating costs and maximize fuel efficiency.

The Komtrax Plus® information available on MyKomatsu.com allows service personnel and asset owners to review cautions, operational data, fuel consumption, payloads and key component measurements provided in forms of trends. With Komtrax Plus®, knowledge becomes the power to fuel your productivity.

(Optional) Komatsu Smart Rims
Komatsu Smart Rim technology allows for easy removal and installation of the tires to minimize the overall impact on machine downtime.
Environmentally Friendly

U.S. EPA Tier 2 Compliant Engine
The Komatsu SSDA16V160 is certified to US EPA Tier 2 emission regulations out of the exhaust pipe.

Less Hydraulic Fluid Than Mechanical Drives
The Komatsu 860E-1K contains 53% less hydraulic fluid compared to similar class mechanical drive trucks, creating a lower environmental impact and makes fluid replacement simpler, quicker and more economical.

Payload Policy

10-10-20 Load Policy Criteria
Recognizing that variation occurs naturally in material density, fill factors, and loading equipment, Komatsu America Corp. deems it necessary to establish a consistent payload policy. This payload policy is intended to identify the guidelines and limitations for the loading of Komatsu mining trucks, and is valid for approved applications and haul profiles only.

1) The average monthly payload must not exceed the rated payload of the truck
2) 90% of all loads must be below 110% of the rated payload of the truck
3) 10% of all loads may be between 110% and 120% of the rated payload of the truck
4) No single payload may exceed 120% of the rated payload of the truck

Low Speed - High Volume Quiet Grid Blower
The new grid blower design used on the 860E-1K is quiet and responsive to the truck’s retarding needs. This blower has the lowest noise output of any retarding system used on Komatsu trucks to date.

Less Hydraulic Fluid Than Mechanical Drives
The Komatsu 860E-1K contains 53% less hydraulic fluid compared to similar class mechanical drive trucks, creating a lower environmental impact and makes fluid replacement simpler, quicker and more economical.
**SPECIFICATIONS**

### ENGINE

<table>
<thead>
<tr>
<th>Make and model</th>
<th>Komatsu SSDA16V160 Tier 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>4 cycle</td>
</tr>
<tr>
<td>Gross horsepower</td>
<td>2,700 HP @ 1900 rpm</td>
</tr>
<tr>
<td>Net flywheel power</td>
<td>1,902 kW</td>
</tr>
<tr>
<td>Weight (wet)</td>
<td>9608 kg 21,182 lbs</td>
</tr>
</tbody>
</table>

* Gross horsepower is the output of the engine as installed in this machine, at governed rpm and with engine manufacturer’s approved fuel setting. Accessory losses included are water pump, fuel pump and oil pump.

** Net flywheel power is the rated power at the engine flywheel minus the average accessory losses. Accessories include fan and charging alternator. Rating(s) represent net engine performance in accordance with SAE J1349 conditions.

### ELECTRIC DRIVE

<table>
<thead>
<tr>
<th>AC/DC CURRENT</th>
<th>Komatsu AC Drive Alternator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Fan Main Blower</td>
<td>419 m³/min 14,800 cfm</td>
</tr>
<tr>
<td>Control</td>
<td>IGBT AC Torque Control System</td>
</tr>
<tr>
<td>Ratio</td>
<td>35.52:1</td>
</tr>
<tr>
<td>Speed (maximum)</td>
<td>64.5 km/h 40 mph</td>
</tr>
</tbody>
</table>

* Wheel motor drive system application depends upon gross vehicle weight, haul road grade, haul road length, rolling resistance and other parameters. Komatsu must analyze each job condition to assure proper application.

### COOLING SYSTEM

L&M radiator assembly, split-flow, with deaerator-type top tank.

** COOLING SYSTEM

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>BODY</th>
</tr>
</thead>
<tbody>
<tr>
<td>All-welded steel flat floor body with horizontal bolsters and full canopy. Tapered body, body up sling and frame mounted rubber pads are standard. Heated body optional.</td>
<td></td>
</tr>
<tr>
<td>Floor sheet</td>
<td>16 mm 0.63&quot; Outer</td>
</tr>
<tr>
<td>Center</td>
<td>1379 MPa 200,000 psi tensile strength steel</td>
</tr>
<tr>
<td>Front sheet</td>
<td>10 mm 0.39&quot; Outer</td>
</tr>
<tr>
<td>Center</td>
<td>1379 MPa 200,000 psi tensile strength steel</td>
</tr>
<tr>
<td>Side sheet</td>
<td>8 mm 0.31&quot;</td>
</tr>
<tr>
<td>Center</td>
<td>1379 MPa 200,000 psi tensile strength steel</td>
</tr>
<tr>
<td>Canopy sheet</td>
<td>6 mm 0.24&quot;</td>
</tr>
<tr>
<td>Capacity结构</td>
<td>690 MPa 100,000 psi tensile strength steel</td>
</tr>
<tr>
<td>SAE heaped 2:1</td>
<td>169 m² 221 yd²</td>
</tr>
<tr>
<td>Standard Komatsu body weight</td>
<td>33643 kg 74,171 lb</td>
</tr>
</tbody>
</table>

### BRACING SYSTEM

Service brakes: oil-cooled, hydraulic-actuated, multiple disc brakes at each wheel. Traction system wheel spin control.

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>BODY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rock service, tubeless, radial tires</td>
<td></td>
</tr>
<tr>
<td>Standard tire</td>
<td>50/80 R57</td>
</tr>
<tr>
<td>Optional tires</td>
<td>50/90 R57</td>
</tr>
<tr>
<td>Flange mount rim</td>
<td>864 mm x 148 mm x 352 mm 34&quot; x 57&quot; x 6&quot; rim assembly</td>
</tr>
<tr>
<td>Typical total tire weight</td>
<td>23033 Kg 50,780 lbs</td>
</tr>
</tbody>
</table>

* Tires should meet application requirements for kph/mph, tread, compound, inflation pressure, ply rating or equivalent, etc.

### CAB

Advanced Operator Environment with isolated mounting, integral 4-post ROPS/FOPS Level 2 structure. Adjustable air suspension seat with lumbar support, arm rests, and 3-point seat belt, full-size passenger seat, thermal insulation, tilt and telescoping steering wheel, electric windshield wipers w/washer, tinted safety glass, power windows, Komatsu PayLoad Weighing System, 61,000 Btu/hr heater and defroster, 19,900 Btu/hr air conditioning (HFC - 134A refrigerant).

### FRAME

Advanced technology, full butt-welded box sectional ladder-type frame with integral ROPS supports, integral front bumper, rear tubular cross members, steel castings at critical stress transition zones, rugged continuous horsecollar.

<table>
<thead>
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<th>FRAME</th>
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<td></td>
</tr>
<tr>
<td>Plate material</td>
<td>482.6 Mpa 70,000 psi</td>
</tr>
<tr>
<td>Casting material</td>
<td>620.5 Mpa 90,000 psi</td>
</tr>
</tbody>
</table>

### SUSPENSION

Variable rate hydro-pneumatic with integral rebound control

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>SUSPENSION</th>
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### SERVICE REFILL CAPACITIES

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<thead>
<tr>
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<th>SERVICE REFILL CAPACITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling System</td>
<td>473 L 125 U.S. gal</td>
</tr>
<tr>
<td>Crankcase</td>
<td>280 L 74 U.S. gal</td>
</tr>
<tr>
<td>Hydraulic system</td>
<td>1325 L 350 U.S. gal</td>
</tr>
<tr>
<td>Motor gear box (each)</td>
<td>121 L 32 U.S. gal</td>
</tr>
<tr>
<td>Inverter cooling system</td>
<td>25 L 6.5 U.S. gal</td>
</tr>
<tr>
<td>Fuel</td>
<td>4542 L 1,200 U.S. gal</td>
</tr>
<tr>
<td>Reserve Oil® System</td>
<td>114 L 30 U.S. gal</td>
</tr>
</tbody>
</table>
**DIMENSIONS**

All dimensions are for unladen truck with standard body.

<table>
<thead>
<tr>
<th>Body</th>
<th>Capacity</th>
<th>Loading Height*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard</td>
<td>122 m³</td>
<td>160 yd³</td>
</tr>
<tr>
<td></td>
<td>169 m³</td>
<td>221 yd³</td>
</tr>
<tr>
<td></td>
<td>6.37 m</td>
<td>20'11&quot;</td>
</tr>
</tbody>
</table>

*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): 31 m 102'

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: 22 sec
- Power-down (high idle): 13 sec
- Float-down (low idle): 23 sec

Pumps: Two pumps, single package, end of alternator

Hoist and brake cooling: Tandem gear pump with output of 931 lpm 246 gpm at 1900 rpm and 17237 kPa 2,500 psi

Steering and brake: Pressure-compensating piston pump with output of 246 lpm 65 gpm at 1900 rpm and 18960 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 dumping disabled truck and for systems diagnostics.

**ELECTRICAL SYSTEM**

4 x 8D 1400 CCA, 12 volt, in series/parallel, 180 AMP-hours batteries, bumper-mounted with disconnect switch.

Alternator: 24 volt, 250 amp

Lighting: 24 volt

Cranking motors: Two/24 volt
Performance Chart
<table>
<thead>
<tr>
<th>Vehicle Weights</th>
<th>kg</th>
<th>lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Chassis</td>
<td>137325</td>
<td>302,749</td>
</tr>
<tr>
<td>Komatsu Body</td>
<td>33643</td>
<td>74,171</td>
</tr>
<tr>
<td>Standard Tire Weight</td>
<td>23033</td>
<td>50,780</td>
</tr>
<tr>
<td>Option Allowance</td>
<td>6350</td>
<td>14,000</td>
</tr>
<tr>
<td>Empty Vehicle Weight</td>
<td>200351</td>
<td>441,700</td>
</tr>
<tr>
<td>Front Axle (49%)</td>
<td>98361</td>
<td>216,850</td>
</tr>
<tr>
<td>Rear Axle (51%)</td>
<td>101990</td>
<td>224,850</td>
</tr>
<tr>
<td>Max. Gross Vehicle Weight</td>
<td>454363</td>
<td>1,001,700</td>
</tr>
<tr>
<td>Front Axle (33.5%)</td>
<td>152392</td>
<td>335,871</td>
</tr>
<tr>
<td>Rear Axle (66.5%)</td>
<td>301971</td>
<td>665,829</td>
</tr>
<tr>
<td>Nominal Payload</td>
<td>254363</td>
<td>560,000</td>
</tr>
<tr>
<td></td>
<td>254 metric tons</td>
<td>280 short tons</td>
</tr>
</tbody>
</table>

Nominal payload is defined by Komatsu America Corp’s payload policy documentation. In general, the nominal payload must be adjusted for the specific vehicle configuration and site application. The figures above are provided for basic product description purposes. Please contact your Komatsu distributor for specific application requirements.
STANDARD EQUIPMENT

- Air cleaners, with dust evacuators
- Alternator (24 volt/250A)
- Auto lubrication system w/ground level fill & low level indicator
- Batteries—4 x 8D (1400 CCA’s)
- Battery charging cable and socket
- Body impact plate
- Body over center device
- Body up sling
- Brakes: oil-cooled, multiple disc front & rear
- Control cabinet
- Electric start
- Eliminator®, Centinel®, Cense®
- Fast-fill fuel system (in tank and left side remote)
- Filters, high pressure hydraulic
- Ground level radiator fill
- 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)
- Reverse retarding
- Service center—LH
- Speed Control (Propel & Retard)
- Thermostatic fan clutch

OPERATOR ENVIRONMENT & CONTROL

- All hydraulic service brakes & emergency auto apply
- Back up alarm
- Battery disconnect switch
- Brake lock and drive system interlock
- Diagonal staircase across grille, L to R
- Dynamic retarding with continuous rated element grids
- Engine shutdown at ground level
- Fuses, 24 volt
- Hoist propulsion interlock
- Horns (electric-front)
- Integral ROPS/FOPS Level 2
- Maintenance and power lockout
- Parking brakes with warning light & speed application protection
- Power steering w/auto secondary steering
- Protective deck handrails with kick plate
- Pump driveline protector
- Radiator fan guard
- Seat belts 76 mm 3", 3-point, retractable
- Skid-resistant surface on walkways

STANDARD HIGH VISIBILITY DELUXE CAB

- Status and instrument panel
  - Body up
  - Parking brake
  - Propulsion system not ready
  - No DC link voltage
  - High engine oil temp
  - No propel
  - Service brake applied
  - Wheel brake lock applied
  - Repair monitor
  - Engine warming up
  - Engine shut down timer
  - Grid Drier
  - Traction control
  - Dynamic Retarding

- Air cleaner restriction gauges
- Air conditioner HFC-134A
- AM/FM radio with CD & USB
- Column-mounted speed control
- Digital tachometer and speedometer
- Dome light
- Engine hourmeter
- Engine shutdown w/ “Smart Timer” delay
- Floor mat (double barrier)
- Fuel gauge in cab and site gauge on tank
- Fuel low level light and buzzer
- Fuel pressure
- Hydraulic Oil Temperature
- Hydraulic Oil Temperature
- Headlight switch
- Heater and defroster (heavy-duty)
- High beam selector and indicator

OPTIONAL EQUIPMENT

Note: Optional equipment may change operating weight.

- Body Liners*
- Cold Weather Options
- DTSA Body
- Fire extinguisher 9 kg 20 lb
- Headlights (HID)
- Heated body
- Hot start engine coolant (220V 2-2500W)
- Hot start engine oil (220V 2-500W)
- Hot start hydraulic oil
- Hubodometer
- Komatsu Smart Rims
- Komatsu Wireless Bridge
- KomVision™ All Around Monitoring System
- Mufflers between frame rails
- Oil Pressure
- Oil Pressure
- Oil Temperature
- Oil Temperature
- Rear Up Light
- Power module
- Vehicle speed
- Vehicle speed
- Weight limit
- Wheel brake lock applied
- Wheel brake lock applied
- No pressure
- No pressure
- Engine low oil temp
- Engine low oil temp
- Engine warming up
- Engine warming up
- Repair monitor
- Repair monitor
- Engine shutdown timer
- Engine shutdown timer
- Grid Drier
- Grid Drier
- Traction control
- Traction control
- Dynamic Retarding
- Dynamic Retarding
- Air cleaner restriction gauges
- Air cleaner restriction gauges
- Air conditioner HFC-134A
- Air conditioner HFC-134A
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- AM/FM radio with CD & USB
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- Column-mounted speed control
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- Fuel pressure
- Hydraulic Oil Temperature
- Hydraulic Oil Temperature
- Headlight switch
- Headlight switch
- Heater and defroster (heavy-duty)
- Heater and defroster (heavy-duty)
- High beam selector and indicator
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*Available factory installed or non-installed. All other options and accessories listed are available factory installed only.