

# KOMATSU®

## WA450-6

### With Tier 3 Engine

**HORSEPOWER**  
Gross: 204 kW **273 HP** @ 2000 rpm

Net: 203 kW **272 HP** @ 2000 rpm

**OPERATING WEIGHT**  
22580–22715 kg **49,780–50,080 lb**

**BUCKET CAPACITY**  
3.8–5.2 m<sup>3</sup> **5.0–6.8 yd<sup>3</sup>**

**WA**  
**450**

**W**  
**H**  
**E**  
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**R**



Photo may include optional equipment.

# **WALK-AROUND**

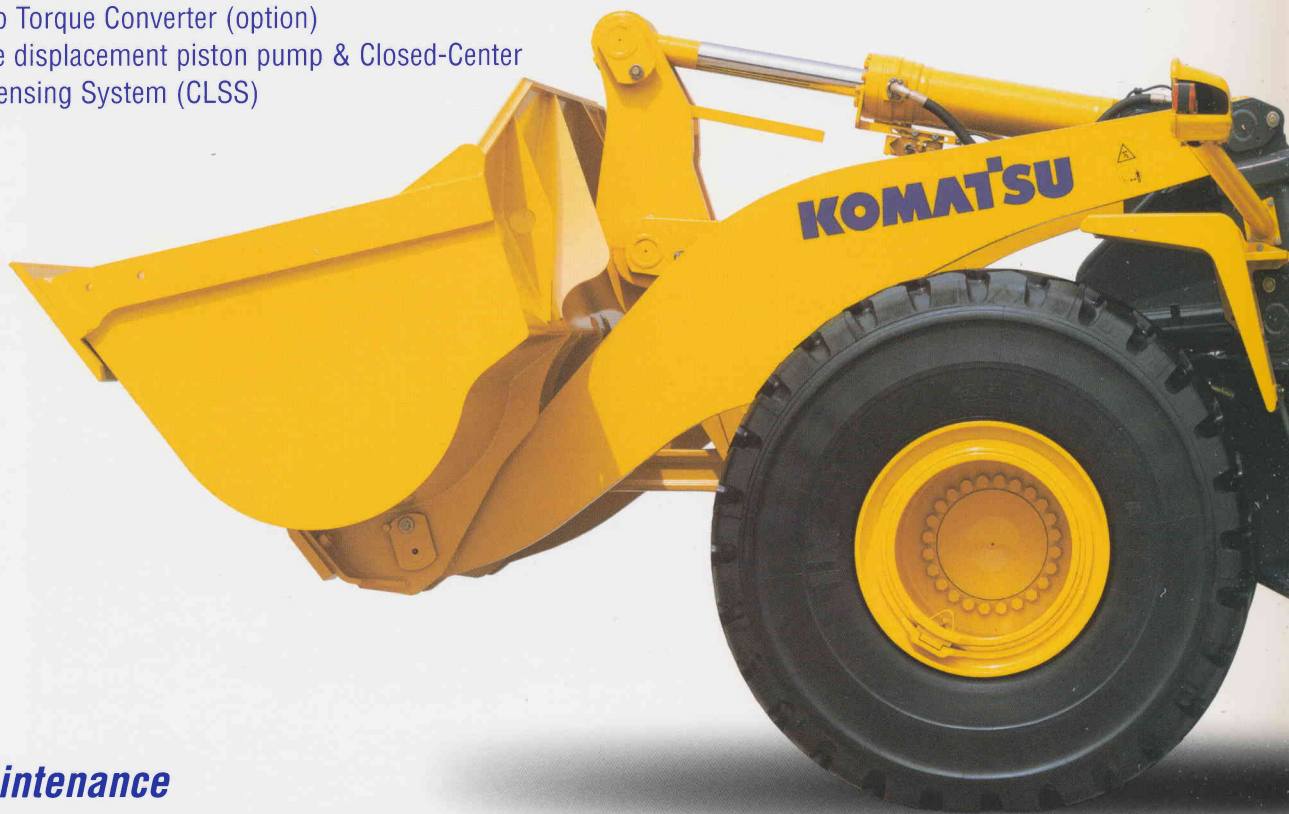
***Komatsu-integrated design*** offers the best value, reliability, and versatility. Hydraulics, powertrain, frame, and all other major components are engineered by Komatsu. You get a machine whose components are designed to work together for higher production, greater reliability, and more versatility.

## ***High Productivity & Low Fuel Consumption***

- High performance SAA6D125E-5 engine
- Low fuel consumption
- Dual-mode engine power select system
- Automatic transmission with shift timing select system
- Lock-up Torque Converter (option)
- Variable displacement piston pump & Closed-Center Load Sensing System (CLSS)

## ***Excellent Operator Environment***

- Automatic transmission with Electronically Controlled Modulation Valve (ECMV)
- Electronic controlled transmission lever
- Variable transmission cut-off system
- Telescopic/tilt steering column
- Fingertip control levers
- Low-noise designed cab
- Pillar-less large ROPS/FOPS level 2 integrated cab
- Easy entry/exit, rear-hinged doors



## ***Easy Maintenance***

- Equipment Management Monitoring System (EMMS)
- Easy access, gull-wing type engine side doors
- Automatic reversible fan

### **KOMTRAX™**

KOMTRAX equipped machines can send location, SMR and operation maps to a secure website utilizing wireless technology. Machines also relay error codes, cautions, maintenance items, fuel levels, and much more.



### ***Increased Reliability***

- Reliable Komatsu designed and manufactured components
- Sturdy main frame
- Adjustment-free, fully hydraulic, wet disc service and parking brakes
- Hydraulic hoses use flat face O-ring seals
- Sealed DT connectors for electrical connections

#### **HORSEPOWER**

Gross: 204 kW **273 HP** @ 2000 rpm

Net: 203 kW **272 HP** @ 2000 rpm

#### **OPERATING WEIGHT**

22580–22715 kg **49,780–50,080 lb**

#### **BUCKET CAPACITY**

3.8–5.2 m<sup>3</sup> **5.0–6.8 yd<sup>3</sup>**



Photo may include optional equipment.

### ***Environmentally Friendly***

- EPA Tier 3 and EU stage 3A emissions certified
- Low exterior noise
- Low fuel consumption

## HIGH PRODUCTIVITY & LOW FUEL CONSUMPTION



ecology & economy - technology 3

Komatsu's new "ecot3" engines are designed to deliver optimum performance under the toughest of conditions, while meeting the latest environmental regulations. This engine is EPA Tier 3, EU Stage 3A and Japan emissions certified; "ecot3" - ecology and economy combine with Komatsu technology to create a high performance engine without sacrificing power or productivity.

### High Performance SAA6D125E-5 Engine

Electronic Heavy Duty Common Rail fuel injection system provides optimum combustion of fuel. This system also provides fast throttle response to match the machine's powerful tractive effort and fast hydraulic response.

**Net: 203 kW 272 HP**

### Low Emission Engine

This engine is EPA Tier 3 emissions certified without sacrificing power or machine productivity.

### Low Fuel Consumption

The fuel consumption is reduced greatly because of the low-noise, high-torque engine and the large-capacity torque converter with maximum efficiency in the low-speed range.

### Dual-Mode Engine Power Select System

This wheel loader offers two selectable operating modes—E and P. The operator can adjust the machine's performance with the selection switch.

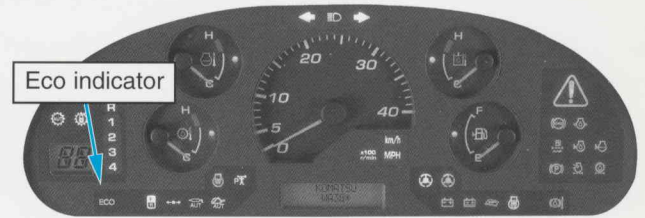
- **E Mode:** This mode provides maximum fuel efficiency for general loading.
- **P Mode:** This mode provides maximum power output for hard digging operation or hill climb.



Dual mode engine power selection switch

### Eco Indicator

The Eco Indicator will inform the operator when the machine is maximizing fuel efficiency.



### Automatic Transmission with Mode Select System

This operator controlled system allows the selection of manual shifting or two levels of automatic shifting modes



Shift mode selection switch

(low and high). The operator can match the machine's operating requirements with optimum performance efficiency. This system is controlled with a dial on the right control panel.

- **Manual:** The transmission is fixed to the gear speed and selected with the gear lever.
- **Auto Low:** Low mode provides smooth gear shifting at low engine speeds suitable for general excavating and loading while offering reduced fuel consumption.
- **Auto High:** High mode provides maximum rim pull and fast cycle times by shifting the transmission at high engine speeds. This mode is suitable for hill-climb and load and carry operations.

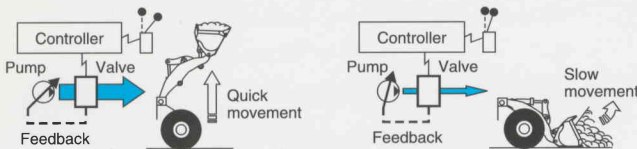




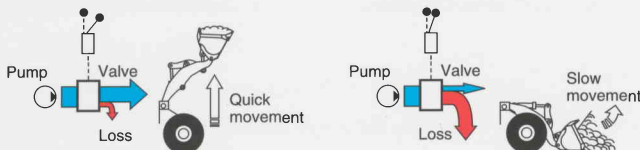
**Variable Displacement Piston Pump and CLSS**

New design variable displacement piston pump combined with the Closed-center Load Sensing System (CLSS) delivers hydraulic flow just as the job requires preventing wasted hydraulic flow. Minimized waste loss contributes to better fuel economy.

- **New Variable Displacement Piston Pump:** The pump delivers only necessary amounts minimizing waste loss.



- **Fixed Displacement Piston Pump:** The pump delivers the maximum amount at any time and the unused flow is disposed.



**Maximum Dumping Clearance and Reach**

The long lift arms provide high dumping clearances and maximum dumping reach. The operator can even level loads on the body of a dump truck easily and efficiently.

**Dumping Clearance:** 3185 mm 10'5"

**Dumping Reach:** 1235 mm 4'1"

(4.2 m<sup>3</sup> 5.5 yd<sup>3</sup> bucket with B.O.C.)

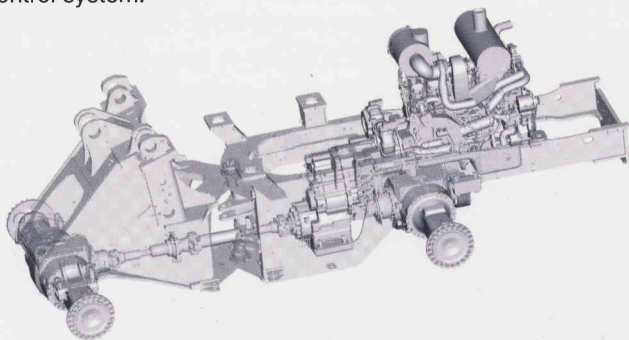
**Lock-Up Torque Converter (option)**

The Komatsu designed lock-up torque converter provides increased production efficiency, reduced cycle times and optimum fuel savings in load & carry or hill-climb operations. This optional feature allows the operator to activate the system on/off with a switch located on the right-side control panel.

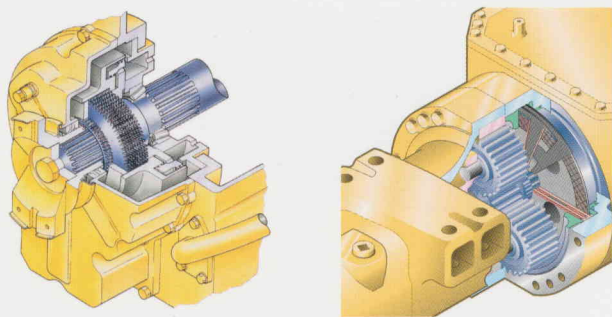
## INCREASED RELIABILITY

### Komatsu Components

Komatsu manufactures the engine, torque converter, transmission and hydraulic units on this wheel loader. Komatsu loaders are manufactured with an integrated production system under a strict quality control system.



**Wet multi-disc brakes and fully hydraulic braking system** result in lower maintenance costs and higher reliability. The wet disc service and parking brakes are fully sealed and adjustment-free to reduce contamination, wear and maintenance. Added reliability is designed into the braking system by the use of two independent hydraulic circuits providing hydraulic backup should one of the circuits fail. If the brake oil pressure drops, a warning lamp flashes and an alarm sounds intermittently. If the brake pressure continues to drop, the parking brake is automatically applied.



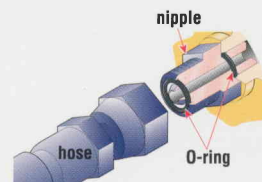
### High-Rigidity Frames and Loader Linkage

The front and rear frames along with the loader linkage have high rigidity to withstand repeated twisting and bending loads to the loader body and linkage. Both the upper and lower center pivot bearings use tapered roller bearings for increased durability.



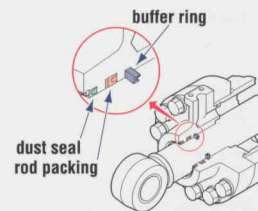
### Flat Face-to-Face O-Ring Seals

Flat face-to-face O-ring seals are used to securely seal hydraulic hose connections and prevent oil leakage.



### Cylinder Buffer Rings

Buffer rings are installed to the head-side of the all-hydraulic cylinders to lower the load on the rod seals, prolong cylinder life by 30% and maximize overall reliability.



### Sealed DT Connectors

Main harnesses and controller connectors are equipped with sealed DT connectors providing high reliability, dust and corrosion resistance.





# EASY MAINTENANCE



Photo may include optional equipment.

### Main Monitor—EMMS (Equipment Management Monitoring System)

Komatsu's new main monitor keeps the operator informed of all machine functions at a glance. The monitor is located behind the steering wheel and displays different machine functions including fluid/filter change intervals and troubleshooting memory display functions. The main gauges are analog type for easy viewing and other functions utilize lighted symbols or LCD readouts.



#### Maintenance Control and Troubleshooting Functions

- **Action code display function:** If an abnormality occurs, the monitor displays action details on the character display at the bottom center of the monitor.
- **Monitor function:** Controller monitors engine oil level, pressure, coolant temperature, air cleaner clogging, etc. If controller finds abnormalities, the error is displayed on LCD.
- **Replacement time notice function:** Monitor informs replacement time of oil and filters on LCD when replacement intervals are reached.
- **Trouble data memory function:** Monitor stores abnormalities for effective troubleshooting.

### Full Side-Opening Gull-Wing Engine Doors

Ground level engine service and daily service checks are made easy with the gas spring assisted full side-opening gull-wing doors.

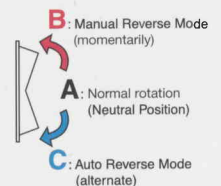


### Ease of Radiator Cleaning

If the machine is operating in adverse conditions, the operator can reverse the hydraulic cooling fan from inside the cab by turning on a switch on the control panel.

### Automatic Reversible Fan

The engine fan is driven hydraulically and can be operated in reverse automatically. When the switch is in the automatic position, the fan revolves in reverse for 2 minutes every 2 hours intermittently (default setting).



# OPERATOR ENVIRONMENT

## Easy Operation

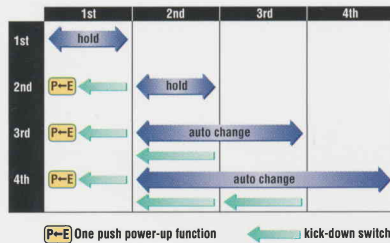
### Automatic Transmission with Electronically Controlled Modulation Valve (ECMV)

Automatic transmission with ECMV (Electronically Controlled Modulation Valve) automatically selects the proper gear speed based on travel speed, engine speed, and other travel conditions. The ECMV system engages the clutch smoothly to prevent lags and shocks when shifting. This system provides efficient machine operation and a comfortable ride.

- **Kick-down switch:**

Consider this valuable feature for added productivity. With the touch of a finger, the kick-down switch automatically

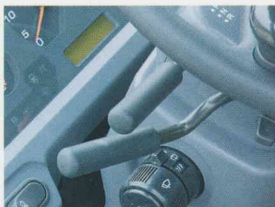
downshifts from second to first when beginning the digging cycle. It automatically upshifts from first to second when the direction control lever is placed in reverse. This results in increased rim pull for better bucket penetration and reduced cycle times for higher productivity.



- **One push power-up function:** The kick-down switch also functions as a power-up switch in first gear. The first time the kick-down switch is depressed, it functions as a kick-down switch and gear speed is reduced. When the machine is in E operation mode and first gear, pressing the kick-down switch a second time changes the operation mode to P allowing increased power for heavy digging operation. The operation mode returns to E when machine gear speed changes or direction changes to reverse.

- **Hold switch:** If auto shift is selected and if the operator turns on this switch when the lever is at the 3rd or 4th gear speed position, the transmission is fixed to that gear speed.

### Electronically Controlled Transmission Lever



The Komatsu two-lever electronic shift control levers provide easy gear selection and directional changes. The transmission levers can be operated without removing the operator's hand from the steering wheel, allowing improved

comfort and control. Solid state electronics and conveniently located direction and gear shift controls make this possible. Automatic shifts in ranges two through four keep production high and manual shifting at a minimum.

### Variable Transmission Cut-Off

The operator can select the transmission cut-off pressure desired for the left brake pedal using the switch located on the right-side control panel.

- Higher cut-off pressure allows the transmission to remain engaged at higher engine rpm/hydraulic pressure for increased performance in ramp loading and stockpiling operations.
- Lower cut-off pressure disengages the transmission at lower rpm/hydraulic pressure for more fuel efficient operation on level surfaces.



- 1: Cut-off ON/OFF switch
- 2: Cut-off adjustment switch
- 3: Fan reverse ON/OFF switch
- 4: Boom control
- 5: Bucket control





### Fingertip Work Equipment Control Levers with Large Arm Rest

New PPC control levers are used for the work equipment. The operator can easily operate the work equipment with fingertip controls, reducing operator fatigue and improving fine work equipment control and productivity. The PPC control lever column can be slid forward or backward and the large-sized arm rest can be adjusted up or down to provide the operator with a variety of comfortable operating positions.



### Telescopic/Tilt Steering Column

The operator can both tilt and telescope the steering wheel to allow maximum comfort and control. The two-spoke steering wheel allows maximum visibility of the monitor panel and the forward work environment.

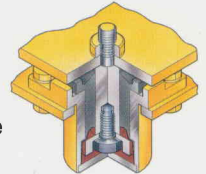


## Comfortable Operation

### Low-Noise Design

Noise level at operator's ear: 72 dB(A)  
Dynamic noise level (outside): 112 dB(A)

The large cab is mounted with Komatsu's unique ROPS/FOPS viscous mounts. The low-noise engine, hydraulically driven fan, and hydraulic pumps are mounted with rubber cushions, and the cab sealing is improved to provide a quiet, low-vibration, and comfortable operating environment. Pressurization in the cab keeps dirt out, further enhancing the operator's comfort.



### Pillar-Less Large Cab

A wide pillar-less flat glass provides excellent front visibility. The wiper arm covers a large area to provide great visibility even on rainy days.



The cab area is the largest in its class providing maximum space for the operator. The front mounted air conditioner was introduced to increase seat reclining and backwards seat adjustment.

### Rear-Hinged Full Open Cab Doors

Entry and exit into the new Komatsu cab starts with sloped staircase type steps and large diameter handrails. The large cab doors are rear-hinged to open fully offering easy entry/exit and will not hamper visibility when operating the machine with the doors latched open.



# SPECIFICATIONS



## ENGINE

Model ..... Komatsu SAA6D125E-5  
 Type ..... Water-cooled, 4-cycle  
 Aspiration ..... Turbocharged, aftercooled, cooled EGR  
 Number of cylinders ..... 6  
 Bore x stroke ..... 125 mm x 150 mm **4.9" x 5.9"**  
 Piston displacement ..... 11.04 ltr **674 in<sup>3</sup>**  
 Governor ..... all-speed, electronic  
 Horsepower  
 SAE J1995 ..... Gross 204 kW **273 HP**  
 ISO 9249/SAE J1349 ..... Net 203 kW **272 HP**  
 Hydraulic fan at maximum speed ..... Net 191 kW **256 HP**  
 Rated rpm ..... 2000 rpm  
 Fan drive method for radiator cooling ..... Hydraulic  
 Fuel system ..... Direct injection  
 Lubrication system:  
 Method ..... Gear pump, force-lubrication  
 Filter ..... Full-flow type  
 Air cleaner ..... Dry type with double elements and dust evacuator, plus dust indicator  
 EPA Tier 3 and EU stage 3A emissions certified.



## TRANSMISSION

Torque converter:  
 Type ..... 3-element, single-stage, single-phase  
 Transmission:  
 Type ..... Full-powershift, countershaft type  
 Travel speed: km/h **mph**  
 Measured with 26.5-25 tires

|         | 1st |            | 2nd  |            | 3rd  |             | 4th  |             |
|---------|-----|------------|------|------------|------|-------------|------|-------------|
| Forward | 6.3 | <b>3.9</b> | 12.1 | <b>7.5</b> | 21.7 | <b>13.5</b> | 34.9 | <b>21.7</b> |
| Reverse | 6.7 | <b>4.2</b> | 12.8 | <b>8.0</b> | 23.0 | <b>14.3</b> | 36.0 | <b>22.4</b> |



## AXLES AND FINAL DRIVES

Drive system ..... Four-wheel drive  
 Front ..... Fixed, semi-floating  
 Rear ..... Center-pin support, semi-floating, 26° total oscillation  
 Reduction gear ..... Spiral bevel gear  
 Differential gear ..... Conventional type  
 Final reduction gear ..... Planetary gear, single reduction



## BRAKES

Service brakes ..... Hydraulically actuated, wet disc brakes actuate on four wheels  
 Parking brake ..... Wet disc brake  
 Emergency brake ..... Parking brake is commonly used



## STEERING SYSTEM

Type ..... Articulated type, full-hydraulic power steering  
 Steering angle ..... 40° each direction  
 Minimum turning radius at the center of outside tire ..... 6630 mm **21'9"**



## HYDRAULIC SYSTEM

Steering system:  
 Hydraulic pump ..... Piston pump  
 Capacity ..... 195 ltr/min **51.5 U.S. gal/min** at rated rpm  
 Relief valve setting ..... 24.5 MPa 250 kgf/cm<sup>2</sup> **3,555 psi**  
 Hydraulic cylinders:  
 Type ..... Double-acting, piston type  
 Number of cylinders ..... 2  
 Bore x stroke ..... 90 mm x 441 mm **3.5" x 17.3"**

Loader control:  
 Hydraulic pump ..... Piston pump  
 Capacity ..... 242 ltr/min **63.9 U.S. gal/min** at rated rpm  
 Relief valve setting ..... 34.3 MPa 350 kgf/cm<sup>2</sup> **4,980 psi**  
 Hydraulic cylinders:  
 Type ..... Double-acting, piston type  
 Number of cylinders—bore x stroke:  
 Boom cylinder ..... 2- 140 mm x 764 mm **5.5" x 30.0"**  
 Bucket cylinder ..... 1- 160 mm x 575 mm **6.3" x 22.6"**  
 Control valve ..... 2-spool type  
 Control positions:  
 Boom ..... Raise, hold, lower, and float  
 Bucket ..... Tilt-back, hold, and dump  
 Hydraulic cycle time (rated load in bucket)  
 Raise ..... 6.0 sec  
 Dump ..... 1.6 sec  
 Lower (Empty) ..... 3.7 sec

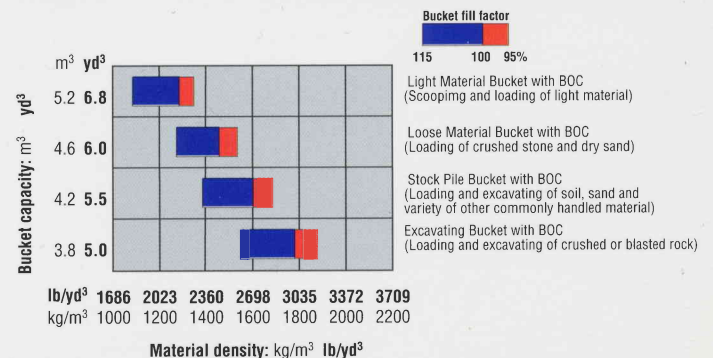


## SERVICE REFILL CAPACITIES

Cooling system ..... 61 ltr **16.1 U.S. gal**  
 Fuel tank ..... 413 ltr **109.1 U.S. gal**  
 Engine ..... 38 ltr **10.0 U.S. gal**  
 Hydraulic system ..... 173 ltr **45.7 U.S. gal**  
 Axle Front ..... 60 ltr **15.9 U.S. gal**  
 Rear ..... 56 ltr **14.8 U.S. gal**  
 Torque converter and transmission ..... 54 ltr **14.3 U.S. gal**



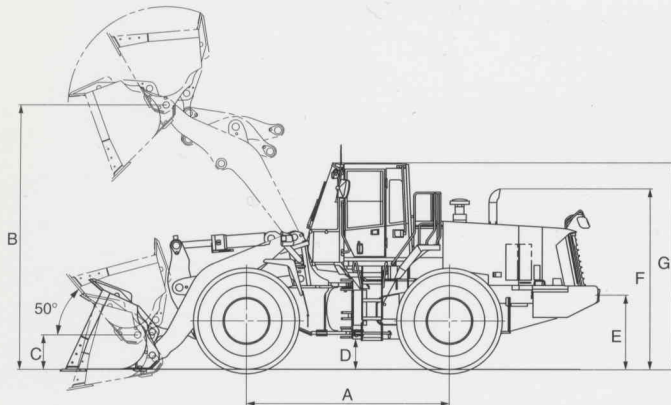
## BUCKET SELECTION GUIDE







### DIMENSIONS



|                                       |                |         |        |
|---------------------------------------|----------------|---------|--------|
| Tread                                 | 2300 mm        | 7'7"    |        |
| Width over tires                      | 3010 mm        | 9'11"   |        |
| A Wheelbase                           | 3450 mm        | 11'4"   |        |
| B Hinge pin height at Max. height:    | Standard Boom  | 4360 mm | 14'4"  |
|                                       | High Lift Boom | 4870 mm | 15'12" |
| C Hinge pin height at carry position: | Standard Boom  | 585 mm  | 1'11"  |
|                                       | High Lift Boom | 715 mm  | 2'4"   |
| D Ground clearance                    | 525 mm         | 1'9"    |        |
| E Hitch height                        | 1240 mm        | 4'1"    |        |
| F Overall height, top of stack        | 3080 mm        | 10'1"   |        |
| G Overall height ROPS cab             | 3500 mm        | 11'6"   |        |

Measured with 26.5 – R25 (L3) tires

|   | Standard Boom                    |                                  |                                  |                                  | High Lift Boom                   |
|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
|   | General Purpose Buckets          |                                  | Loose Material Bucket            | Light Material Bucket            | General Purpose Bucket           |
|   | Stockpile                        | Excavating                       |                                  |                                  |                                  |
|   | Bolt-on Cutting Edges            | Bolt-on Cutting Edges            | Bolt-on Cutting Edges            | Bolt-on Cutting Edges            | Bolt-on Cutting Edges            |
| Bucket capacity: heaped   | 4.2 m <sup>3</sup>               | 3.8 m <sup>3</sup>               | 4.6 m <sup>3</sup>               | 5.2 m <sup>3</sup>               | 3.8 m <sup>3</sup>               |
|   | 5.5 yd <sup>3</sup>              | 5.0 yd <sup>3</sup>              | 6.0 yd <sup>3</sup>              | 6.8 yd <sup>3</sup>              | 5.0 yd <sup>3</sup>              |
| struck  | 3.5 m <sup>3</sup>               | 3.2 m <sup>3</sup>               | 3.9 m <sup>3</sup>               | 4.5 m <sup>3</sup>               | 3.2 m <sup>3</sup>               |
|   | 4.6 yd <sup>3</sup>              | 4.2 yd <sup>3</sup>              | 5.1 yd <sup>3</sup>              | 5.9 yd <sup>3</sup>              | 4.2 yd <sup>3</sup>              |
| Bucket width  | 3170 mm<br>10'5"                 | 3170 mm<br>10'5"                 | 3170 mm<br>10'5"                 | 3170 mm<br>10'5"                 | 3170 mm<br>10'5"                 |
| Bucket weight   | 2050 kg<br>4,519 lb              | 2150 kg<br>4,740 lb              | 2110 kg<br>4,652 lb              | 2185 kg<br>4,817 lb              | 2150 kg<br>4,740 lb              |
| Dumping clearance, max. height and 45° dump angle*                  | 3185 mm<br>10'5"                 | 3235 mm<br>10'7"                 | 3055 mm<br>10'0"                 | 3035 mm<br>9'11"                 | 3750 mm<br>12'4"                 |
| Reach at max. height and 45° dump angle*                            | 1235 mm<br>4'1"                  | 1185 mm<br>3'11"                 | 1365 mm<br>4'6"                  | 1385 mm<br>4'7"                  | 1330 mm<br>4'4"                  |
| Reach at 2130 mm (7') clearance and 45° dump angle                  | 1980 mm<br>6'6"                  | 1950 mm<br>6'5"                  | 2050 mm<br>6'9"                  | 2060 mm<br>6'9"                  | 2410 mm<br>7'11"                 |
| Reach with arm horizontal and bucket level                          | 2750 mm<br>9'0"                  | 2680 mm<br>8'10"                 | 2935 mm<br>9'8"                  | 2960 mm<br>9'9"                  | 2960 mm<br>9'9"                  |
| Operating height (fully raised)                                     | 5960 mm<br>19'7"                 | 5875 mm<br>19'3"                 | 5960 mm<br>19'7"                 | 6185 mm<br>20'4"                 | 6415 mm<br>21'1"                 |
| Overall length  | 9000 mm<br>29'6"                 | 8930 mm<br>29'4"                 | 9185 mm<br>30'2"                 | 9210 mm<br>30'3"                 | 9560 mm<br>31'4"                 |
| Loader clearance circle (bucket at carry, outside corner of bucket) | 15290 mm<br>50'2"                | 15260 mm<br>50'1"                | 15390 mm<br>50'6"                | 15400 mm<br>50'6"                | 15780 mm<br>51'9"                |
| Digging depth: 0°   | 80 mm<br>3.2"                    | 80 mm<br>3.2"                    | 80 mm<br>3.2"                    | 80 mm<br>3.2"                    | 215 mm<br>8.5"                   |
|   | 10°                              | 315 mm<br>1'0"                   | 305 mm<br>1'0"                   | 345 mm<br>1'2"                   | 440 mm<br>1'5"                   |
| Static tipping load: straight                                       | 18080 kg<br>39,860 lb            | 17870 kg<br>39,397 lb            | 17910 kg<br>39,485 lb            | 17835 kg<br>39,319 lb            | 15030 kg<br>33,130 lb            |
|   | 40° full turn                    | 15730 kg<br>34,679 lb            | 15550 kg<br>34,282 lb            | 15580 kg<br>34,348 lb            | 15515 kg<br>34,205 lb            |
| Breakout force  | 192 kN<br>19600 kgf<br>43,160 lb | 203 kN<br>20710 kgf<br>45,660 lb | 168 kN<br>17140 kgf<br>37,790 lb | 165 kN<br>16840 kgf<br>37,130 lb | 186 kN<br>19018 kgf<br>41,927 lb |
|   | Operating weight                 | 22580 kg<br>49,780 lb            | 22680 kg<br>50,000 lb            | 22640 kg<br>49,915 lb            | 22715 kg<br>50,080 lb            |

\* At the end of B.O.C.

All dimensions, weights, and performance values based on SAE J732c and J742b standards.

Static tipping load and operating weight shown include lubricant, coolant, full fuel tank, ROPS cab, additional counterweight, and operator. Machine stability and operating weight affected by counterweight, tire size, and other attachments.

Apply the following weight changes to operating weight and static tipping load.



## WEIGHT CHANGES

| Attachments                     | Operating weight |             | Tipping load straight |               | Tipping load full turn |               |
|---------------------------------|------------------|-------------|-----------------------|---------------|------------------------|---------------|
|                                 | kg               | lb          | kg                    | lb            | kg                     | lb            |
| Remove additional counterweight | -400             | <b>-880</b> | -1070                 | <b>-2,358</b> | -930                   | <b>-2,050</b> |



## STANDARD EQUIPMENT

- 2-spool valve for boom and bucket controls
- 12V converter
- Air conditioner
- Alternator, 50 A
- Auto shift transmission with mode select system
- Back-up alarm
- Back-up lamp
- Batteries, 150 Ah/12 V x 2
- Counterweight, standard and additional
- Directional signal
- Electronically Controlled Suspension System (ECSS)
- Engine, Komatsu SAA6D125E-5 diesel
- Engine shut-off system, electric
- Fan, auto reversing, hydraulic driven
- Floor mat
- Hard water area arrangement (corrosion resister)
- KOMTRAX™
- Lift cylinders and bucket cylinder
- Main monitor panel with EMMS (Equipment Management Monitoring System)
- PPC fingertip control, two levers
- Radiator mask, lattice type
- Rearview mirrors for cab
- Rear window washer and wiper
- ROPS/FOPS level 2 cab
- Seat belt
- Seat, air suspension with automatic weight adjustment
- Service brakes, wet disc type
- Starting motor, 7.5 kW/24 V
- Steering wheel, tiltable, telescopic
- Sun visor
- Rims for 26.5-25 tires
- Transmission, 4 forward and 4 reverse
- Vandalism protection kit



## OPTIONAL EQUIPMENT

- AM/FM stereo radio cassette
- Cutting edge (bolt-on type)
- Emergency steering (SAE)
- Engine pre-cleaner with extension
- High-lift boom
- Lock-up clutch torque converter
- Limited slip differential (F&R)
- Mono lever loader control with transmission F/R switch
- Rear full fenders

AESS713-02

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K04(5M) C

04/07 (EV-1)

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