KOMATSU®

WHEEL LOADER

WA470-6R

GROSS HORSEPOWER
· 204 kW / 273 hp / 2,000 rpm

NET HORSEPOWER
· 203 kW / 272 hp / 2,000 rpm

BUCKET CAPACITY
· 3.6-5.2 m^3 / 4.7-6.8 yd^3

ORIGIN JAPAN / KLTD

Photos may include optional equipment.

WALK-AROUND WA470-6R

ENGINE POWER 272 hp

*Photo may include optional equipment.

» High productivity & low fuel consumption

» High performance Komatsu SAA6D125E-5 engine.
» Low fuel consumption.
» Dual-mode engine power select system.
» Large-capacity torque converter.
» Automatic transmission with shift timing select system.
» Lock-up torque converter (Optional).
» Variable displacement piston pump & closed-center load sensing system (CLSS).

See pages 4 and 5.

» Harmony with environment

» Low exterior noise.
» Low fuel consumption.

» Excellent operator environment

» Automatic transmission with electronic.
» Controlled modulation valve.
» 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 (ISO 3471/ISO 3449) integrated cab.
» Easy entry/exit, rear-hinged door.

See pages 8 and 9.

» Increased reliability

» Reliable Komatsu designed and manufactured components.
» Sturdy main frame.
» Maintenance-free, fully hydraulic, wet disc service and parking brakes.
» Hydraulic hoses use flat face O-ring seals.
» Cation electrodeposition process is used to apply primer paint.
» Powder coating process is used to apply main structure paint.
» Sealed connectors for electrical connections.

See page 6.

» Easy maintenance

» Equipment management monitoring system.
» Easy access, gull-wing type engine side doors.
» Automatic reversible fan (Optional).

See page 7.

HIGH PRODUCTIVITY AND LOW FUEL CONSUMPTION

» High performance Komatsu 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 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.

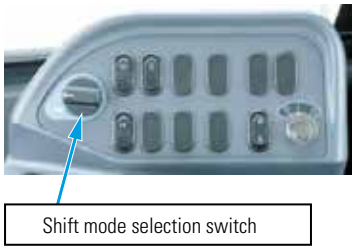
The ECO indicator will help an operator to promote energy saving.

» Large-capacity torque converter

» The Komatsu designed drive train has a large-capacity torque converter for optimal efficiency. The WA470-6R has plenty of acceleration without the need for full throttle and it can achieve high travel speeds, even on grades or steep ramps leading to feed hoppers. This significantly assists productivity and also delivers great value for load-and-carry operations.

» Automatic transmission with mode select system

» This operator controlled system allows the operator to select manual shifting or two levels of automatic shifting (low, and high). Auto L mode is for fuel saving operation with the gear shift timing set at lower speeds than Auto H mode.



Therefore Auto L mode keeps the engine in a relatively low rpm range for fuel conservation while yielding adequate tractive force by depressing the accelerator pedal.

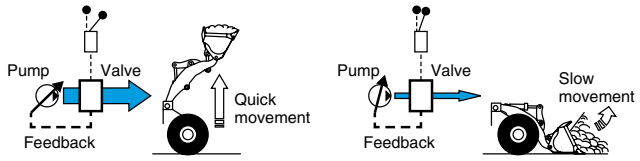
» Lock-up torque converter (Optional)

» The Komatsu designed lock-up torque converter provides increased production efficiency, reduced cycle times and optimum fuel savings in load-and-carry or hill-climb operations. The operator can engage the system from 2nd to 4th gear. This optional feature allows the operator to activate the system on/off with a switch located on the right-side control panel.

» Variable displacement piston pump & closed-center load sensing system (CLSS)

» New design variable displacement piston pump combined with the Closed-center load sensing system delivers hydraulic flow just as the job requires preventing wasted hydraulic pressure. 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.

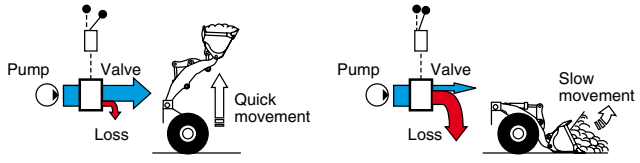


*Photo may include optional equipment.

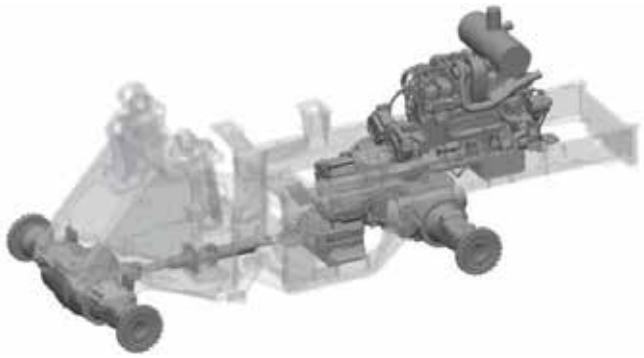
» Maximum dumping clearance and reach

» 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.

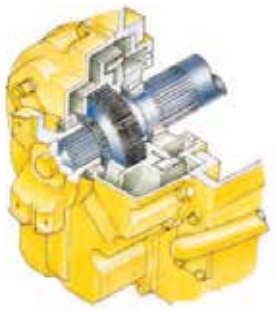
Dumping clearance: 3,185 mm / 10'5"
Dumping reach: 1,235 mm 4'1" / (4.2 m^3 5.5 yd^3 bucket with bolt on cutting edge.)

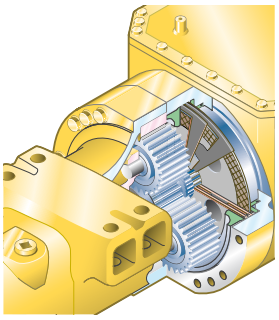
INCREASED RELIABILITY

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



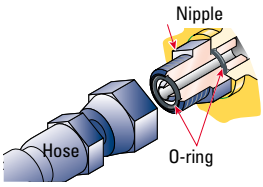
» Wet multiple-disc brakes and fully hydraulic braking system
» This means lower maintenance costs and higher reliability. Wet multiple-disc brakes are fully sealed. Contaminants are kept out, reducing wear and maintenance. Brakes require no adjustments for wear, meaning even lower maintenance. The parking brake is also an adjustment-free, wet multiple-disc for high reliability and long life.
Added reliability is designed into the braking system by the use of two independent hydraulic circuits. Provides hydraulic backup should one of the circuits fail. Fully hydraulic brakes mean no air system to bleed, or the condensation of water in the system that can lead to contamination, corrosion, and freezing.

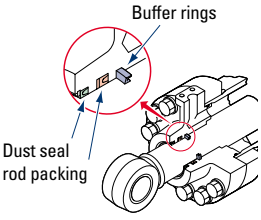




» High-rigidity frames and loader linkage
» The front and rear frames and the loader linkage have more torsional rigidity to secure resistance against increased stress due to the use of a larger bucket. Frame and loader linkage are designed to accommodate actual working loads, and simulated computer testing proves its strength.

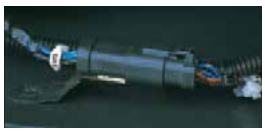
» Flat face-to-face O-ring seals
» Flat face-to-face O-ring seals are used to securely seal hydraulic hose connections and to prevent oil leakage. In addition, buffer rings are installed to the head side of the all-hydraulic cylinders to lower the load on the rod seals and maximize the reliability.





» Cation electrodeposition primer paint / powder coating final paint
» Cation electrodeposition paint is applied as a primer paint and powder coating is applied as topcoat to the exterior sheet metal parts. This process results in a beautiful rust-free machine, even in the most severe environments. Some external parts are made of plastic providing long life and high impact resistance.

» Sealed connectors
» Main harnesses and controller connectors are equipped with sealed connectors providing high reliability, water resistance and dust resistance



EASY MAINTENANCE

*Photo may include optional equipment.

» Equipment management monitoring system

» Monitor is mounted in front of the operator for easy viewing, allowing the operator to easily check gauges and warning lights. A specially designed two-spoke steering wheel allows the operator to easily see the instrument panel.

Maintenance control and troubleshooting functions

- **Action code display function:** If 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 liquid crystal display (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.

» Gull-wing type engine side doors open wide

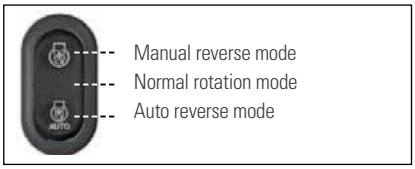
» The operator can open and close each gull-wing type engine side door easily with the assistance of a gas spring to perform daily service checks from the ground.

» 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 (Optional)

» The engine fan is driven hydraulically. It can be operated in reverse automatically. When switch is automatic position. The fan revolves in reverse for 2 minutes every 2 hours intermittently. (Default setting)



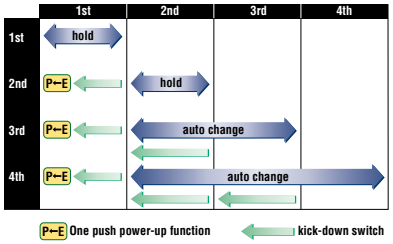
OPERATOR ENVIRONMENT

EASY OPERATION

» Automatic transmission with electronically controlled modulation valve

» Automatic transmission with electronically controlled modulation valve automatically selects the proper gear speed based on travel speed, engine speed, and other travel conditions. The electronically controlled modulation valve system engages the clutch smoothly to prevent lags and shocks when shifting. This system provides efficient machine operation and a comfortable ride.impact resistance.

• **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:** 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

» Easy shifting and directional changes with Komatsu two-lever electronic shifting. Change direction or shift gears with a touch of the fingers without removing the shifting hand from the steering wheel. 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 system

» The operator can continuously adjust the transmission cut-off pressure desired for the left brake pedal using switch located on the right-side control panel. The operator can improve the working performance by setting the cut-off pressure properly depending on working condition.

• High cut-off pressure for digging operations.
• Low cut-off pressure for truck-loading operations.

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 size arm rest

» The pressure proportional control (PPC) control levers are used for the work equipment. The operator can easily operate the work equipment with fingertip control, reducing operator fatigue and increasing controllability. The PPC control lever column can be slid forward or rearward and the large size arm rest can be adjusted up or down to provide the operator with a variety of comfortable operating positions.

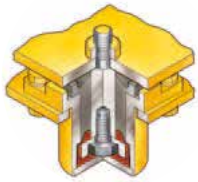
» Telescopic / tilt steering column

» The operator can tilt and telescope the steering column to provide a comfortable working position.

COMFORTABLE OPERATION

» Low-noise design

» Noise at operator's ear noise level (ISO 6396:2008): **72 dB(A)**
Dynamic noise level (outside) (ISO 6395:2008): **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, dustproof with pressurizing, and comfortable operating environment. Also, exterior noise is lowest in this class.



» Rear-hinged full open cab door

» The cab door hinges are installed to the rear side of the cab providing a large opening angle for the operator to enter and exit. The steps are designed like a staircase, so that the operator can get on and off the cab easily.

» 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. Increased seat slide adjustment to backward by introducing front mounted air conditioner unit.

SPECIFICATIONS

ENGINE

MODEL	Komatsu SAA6D125E-5.
TYPE	Water-cooled, 4-cycle.
ASPIRATION	Turbocharged, aftercooled.
NUMBER OF CYLINDERS	6.
BORE X STROKE	125 mm x 150 mm - 4.9" x 5.9".
PISTON DISPLACEMENT	11.04 L - 674 in^3.
GOVERNOR	All-speed, electronic.
HORSEPOWER	
SAE J1995	Gross 204 kW 273 hp.
ISO 9249/SAE J1349*	Net 203 kW 272 hp.
RATED RPM	2,000 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.

*Net horsepower at the maximum speed of radiator cooling fan is 191 kW 256 hp.

TRANSMISSION

TORQUE CONVERTER:	
TYPE	3-element, 1-stage, 1-phase.
TRANSMISSION:	
TYPE	Full-powershift, contershaft type.

TRAVEL SPEED: **km/h** mph.
Measured with 23.5-25 tires

	1st	2nd	3rd	4th
Forward	**7.0** 4.3	**12.2** 7.6	**21.3** 13.2	**33.7** 20.9
Reverse	**7.3** 4.5	**12.6** 7.8	**21.9** 13.6	**34.7** 21.6

Measured with 26.5-25 tires

	1st	2nd	3rd	4th
Forward	**7.6** 4.7	**13.1** 8.1	**22.9** 14.2	**36.2** 22.5
Reverse	**7.9** 4.9	**13.5** 8.4	**23.6** 14.7	**37.3** 23.2

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 multiple-disc brakes actuate on four wheels.
PARKING BRAKE	Wet multiple-disc brake.
SECONDARY BRAKE	Parking brake is commonly used.

STEERING SYSTEM

TYPE	Articulated type, full-hydraulic power steering.
STEERING ANGLE	35° each direction (40° end stop).
MINIMUM TURNING RADIUS AT THE CENTER OF OUTSIDE TIRE	6,630 mm - 21'9".

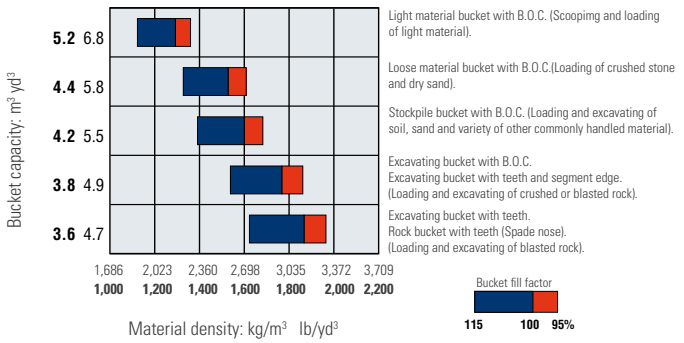
HYDRAULIC SYSTEM

STEERING SYSTEM:	
HYDRAULIC PUMP	Piston pump.
CAPACITY	195 L / 51.5 U.S. gal/min at rated rpm.
RELIEF VALVE SETTING	24.5 MPa 250 kg/cm^2 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	260L / 68.7 U.S. gal/min at rated rpm.
RELIEF VALVE SETTING	34.3 MPa 350 kg/cm^2 4,980 psi.
HYDRAULIC CYLINDERS:	
TYPE	Double-acting, piston type.
NUMBER OF CYLINDERS—BORE X STROKE:	
LIFT 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	5.4 s.
DUMP	1.6 s.
LOWER (EMPTY)	3.7 s.

SERVICE REFILL CAPACITIES

COOLING SYSTEM	61 L - 16.1 U.S. gal.
FUEL TANK	413 L - 109.1 U.S. gal.
ENGINE	38 L - 10.0 U.S. gal.
HYDRAULIC SYSTEM	173 L - 45.7 U.S. gal.
AXLE FRONT	60 L - 15.9 U.S. gal.
AXLE REAR	56 L - 14.8 U.S. gal.
TORQUE CONVERTER AND TRANSMISSION	65 L - 17.2 U.S. gal.

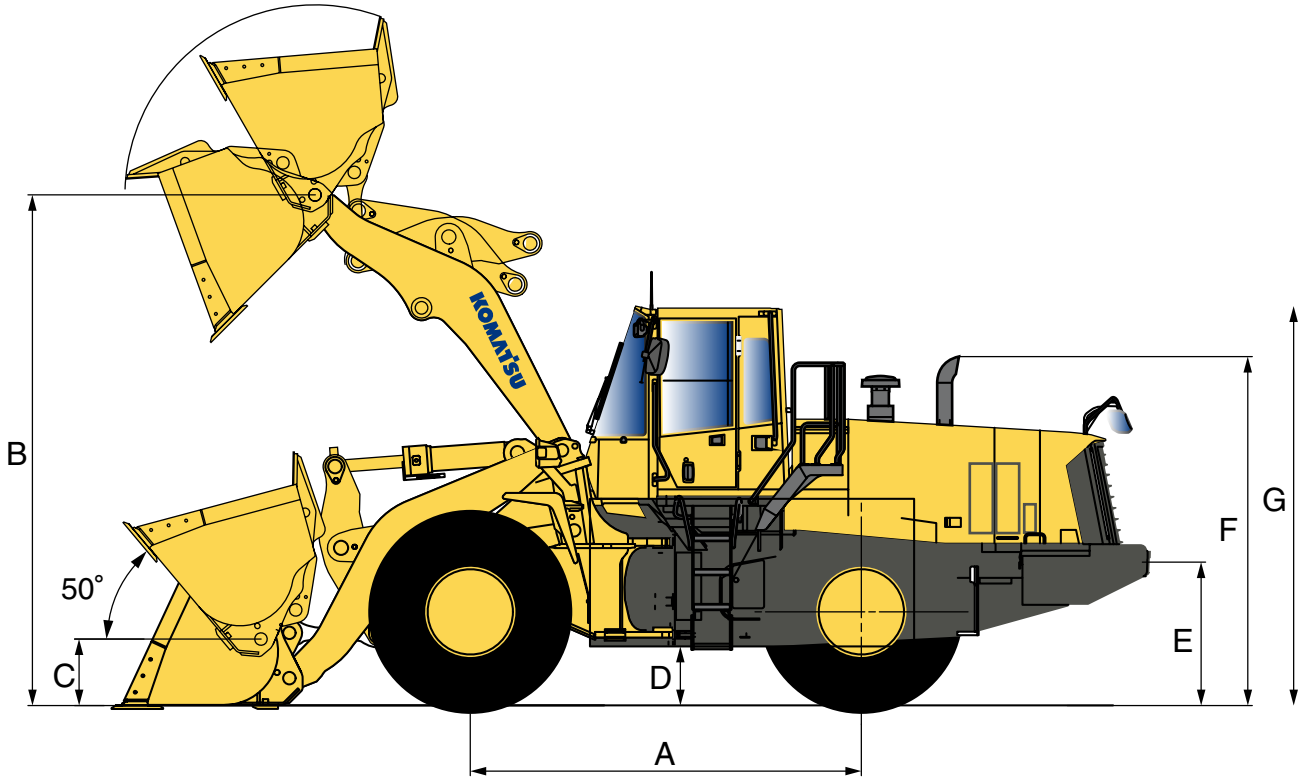
BUCKET SELECTION GUIDE



DIMENSIONS

Measured with 26.5-25-16PR (L-3) tires.

	Tread	**2,300 mm**	7'7"
	Width over tires	**3,010 mm**	9'11"
A	Wheelbase	**3,450 mm**	11'4"
B	Hinge pin height, max. height	**4,360 mm**	14'4"
C	Hinge pin height, carry position	**585 mm**	1'11"
D	Ground clearance	**525 mm**	1'9"
E	Hitch height	**1,240 mm**	4'1"
F	Overall height, top of the stack	**3,080 mm**	10'1"
G	Overall height, ROPS cab	**3,500 mm**	11'6"



		General purpose buckets					Rock bucket (Spade nose)	Loose material bucket	Light material bucket
		Stockpile		Excavating					
		Bolt on cutting edges	Teeth	Bolt on cutting edges	Teeth and segments	Teeth	Teeth	Bolt on cutting edges	Bolt on cutting edges
Bucket capacity:	heaped	**4.2 m³** 5.5 yd³	**3.9 m³** 5.1 yd³	**3.8 m³** 5.0 yd³	**3.8 m³** 5.0 yd³	**3.6 m³** 4.7 yd³	**3.6 m³** 4.7 yd³	**4.4 m³** 5.8 yd³	**5.2 m³** 6.8 yd³
	struck	**3.5 m³** 4.6 yd³	**3.3 m³** 4.3 yd³	**3.2 m³** 4.2 yd³	**3.2 m³** 4.2 yd³	**3.1 m³** 4.1 yd³	**3.1 m³** 4.1 yd³	**3.9 m³** 5.1 yd³	**4.5 m³** 5.9 yd³
Bucket width		**3,170 mm** 10′5″	**3,190 mm** 10′6″	**3,170 mm** 10′5″	**3,190 mm** 10′6″	**3,190 mm** 10′6″	**3,170 mm** 10′5″	**3,170 mm** 10′5″	**3,170 mm** 10′5″
Bucket weight		**2,055 kg** 4,530 lb	**1,965 kg** 4,330 lb	**2,165 kg** 4,770 lb	**2,200 kg** 4,850 lb	**2,075 kg** 4,570 lb	**2,160 kg** 4,760 lb	**2,210 kg** 4,870 lb	**2,255 kg** 4,970 lb
Dumping clearance, max. height and 45° dump angle*		**3,185 mm** 10′5″	**3,060 mm** 10′0″	**3,235 mm** 10′7″	**3,110 mm** 10′2″	**3,110 mm** 10′2″	**2,975 mm** 9′9″	**3,055 mm** 10′0″	**3,035 mm** 9′11″
Reach at max. height and 45° dump angle*		**1,235 mm** 4′1″	**1,335 mm** 4′5″	**1,185 mm** 3′11″	**1,285 mm** 4′3″	**1,285 mm** 4′3″	**1,435 mm** 4′8″	**1,365 mm** 4′6″	**1,385 mm** 4′7″
Reach at 2,130 mm (7′) clearance and 45° dump angle		**1,935 mm** 6′4″	**1,975 mm** 6′6″	**1,905 mm** 6′3″	**1,950 mm** 6′5″	**1,950 mm** 6′5″	**2,035 mm** 6′8″	**2,010 mm** 6′7″	**2,020 mm** 6′8″
Reach with arm horizontal and bucket level		**2,755 mm** 9′0″	**2,910 mm** 9′7″	**2,685 mm** 8′10″	**2,840 mm** 9′4″	**2,840 mm** 9′4″	**3,040 mm** 10′0″	**2,940 mm** 9′8″	**2,965 mm** 9′9″
Operating height (fully raised)		**5,960 mm** 19′7″	**5,960 mm** 19′7″	**5,875 mm** 19′3″	**5,875 mm** 19′3″	**5,875 mm** 19′3″	**5,875 mm** 19′3″	**5,960 mm** 19′7″	**6,185 mm** 20′4″
Overall length		**8,825 mm** 28′11″	**8,980 mm** 29′6″	**8,755 mm** 28′9″	**8,910 mm** 29′3″	**8,910 mm** 29′3″	**9,210 mm** 29′11″	**9,010 mm** 29′7″	**9,035 mm** 29′8″
Loader clearance circle (35°) (bucket at carry, outside corner of bucket)		**15,280 mm** 50′2″	**15,380 mm** 50′6	**15,240 mm** 50′0″	**15,340 mm** 50′4″	**15,340 mm** 50′4″	**15,280 mm** 50′2″	**15,370 mm** 50′5″	**15,380 mm** 50′6″
Digging depth:	0°	**80 mm** 3.1″	**100 mm** 3.9″	**80 mm** 3.1″	**100 m** 3.9″	**100 m** 3.9″	**85 mm** 3.3″	**80 mm** 3.1″	**80 mm** 3.1″
	10°	**315 mm** 1′0″	**360 mm** 1′2″	**305 mm** 1′0″	**350 mm** 1′2″	**350 mm** 1′2″	**370 mm** 1′3″	**345 mm** 1′2″	**350 mm** 1′2″
Static tipping load:	straight	**18,250 kg** 40,240 lb	**18,610 kg** 41,035 lb	**18,150 kg** 40,020 lb	**18,330 kg** 40,420 lb	**18,510 kg** 40,815 lb	**18,280 kg** 40,310 lb	**18,115 kg** 39,940 lb	**18,070 kg** 39,840 lb
	40° full turn	**15,680 kg** 34,570 lb	**16,035 kg** 35,360 lb	**15,580 kg** 34,350 lb	**15,760 kg** 34,745 lb	**15,935 kg** 35,135 lb	**15,705 kg** 34,630 lb	**15,540 kg** 34,265 lb	**15,495 kg** 34,165 lb
Breakout force		**192 kN** 19,600 kg 43,160 lb	**207 kN** 21,120 kg 46,560 lb	**203 kN** 20,710 kg 45,660 lb	**209 kN** 21,330 kg 47,020 lb	**220 kN** 22,450 kg 49,490 lb	**190 kN** 19,390 kg 42,750 lb	**168 kN** 17,140 kg 37,790 lb	**165 kN** 16,840 kg 37,130 lb
Operating weight		**22,990 kg** 50,690 lb	**22,900 kg** 50,490 lb	**23,100 kg** 50,935 lb	**23,140 kg** 51,020 lb	**23,010 kg** 50,735 lb	**23,095 kg** 50,920 lb	**23,140 kg** 51,025 lb	**23,190 kg** 51,135 lb

*At the end of tooth or bolt on cutting edge (B.O.C.).

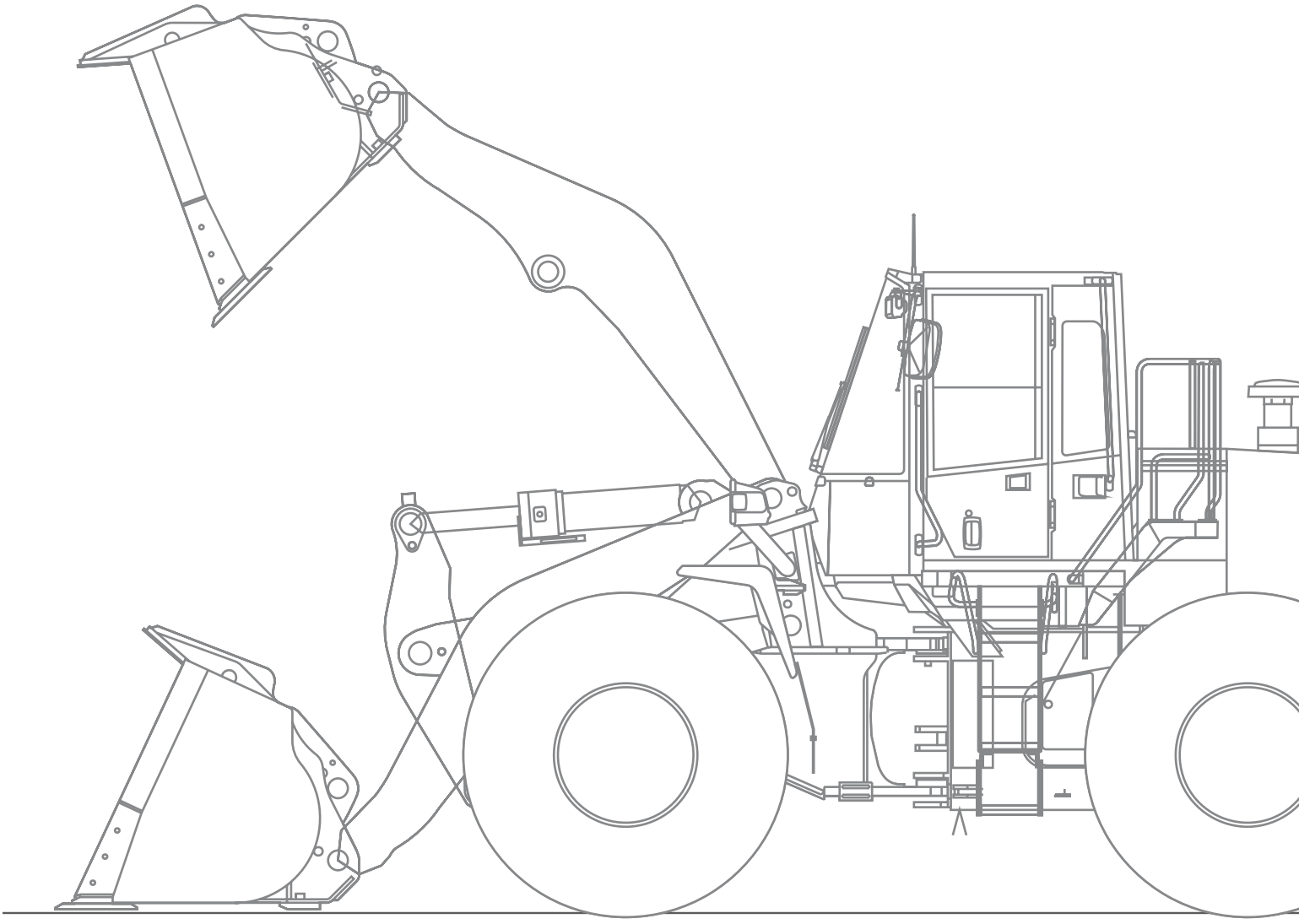
All dimensions, weights, and performance values based on ISO 7131 and ISO 7546 standards.

Static tipping load and operating weight shown include lubricant, coolant, full fuel tank, ROPS cab, 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

Tires or attachments	Operating weight		Tipping load straight		Tipping load full turn		Width over tires		Ground clearance		Change in vertical dimensions	
	kg	lb	kg	lb	kg	lb	mm	ft in	mm	ft in	mm	ft in
23.5-25-20PR(L-3)	**-305**	-672	**-240**	-529	**-210**	-463	**2,920**	9'7"	**460**	1'6"	**-65**	-3"
23.5-25-20PR(L-2)	**-615**	-1,355	**-480**	-1,058	**-420**	-926	**2,920**	9'7"	**460**	1'6"	**-65**	-3"
26.5-25-16PR(L-3)	**0**	0	**0**	0	**0**	0	**3,010**	9'11"	**525**	1'9"	**0**	0
26.5-25-20PR(L-4)	**+425**	+937	**-330**	+728	**+290**	+639	**3,010**	9'11"	**525**	1'9"	**0**	0
Install additional counterweight	**+400**	+880	**+1,070**	+2,358	**+930**	+2,050						



STANDARD EQUIPMENT

» 2-spool valve for boom and bucket controls.
» Alternator, 50 A/24 V.
» Auto shift transmission with mode select system.
» Back-up alarm.
» Back-up lamp.
» Batteries, 2 x 12 V/136 Ah.
» Counterweight.
» Directional signal.
» Engine Komatsu SAA6D125E-5 diesel.
» Engine shut-off system, electric.
» Extra poor fuel pre-filter.
» Hard water area arrangement.
» Hydraulic-driven fan with reverse rotation.
» Lift cylinders and bucket cylinder.
» Main monitor panel with equipment. management monitoring system.
» PPC fingertip control, two levers.
» Radiator mask, lattice type.
» Rearview mirror for cab.
» Rear window washer and wiper.
» ROPS/FOPS (ISO 3471/ISO 3449) cab.
» Seat belt.
» Seat, suspension type with reclining.
» Service brakes, wet disc type.
» Starting motor, 24 V/7.5 kW.
» Steering wheel, tiltable, telescopic.
» Sun visor.
» Tires (26.5-25-16PR tubeless) and rims.
» Transmission, 4 forward and 4 reverse.

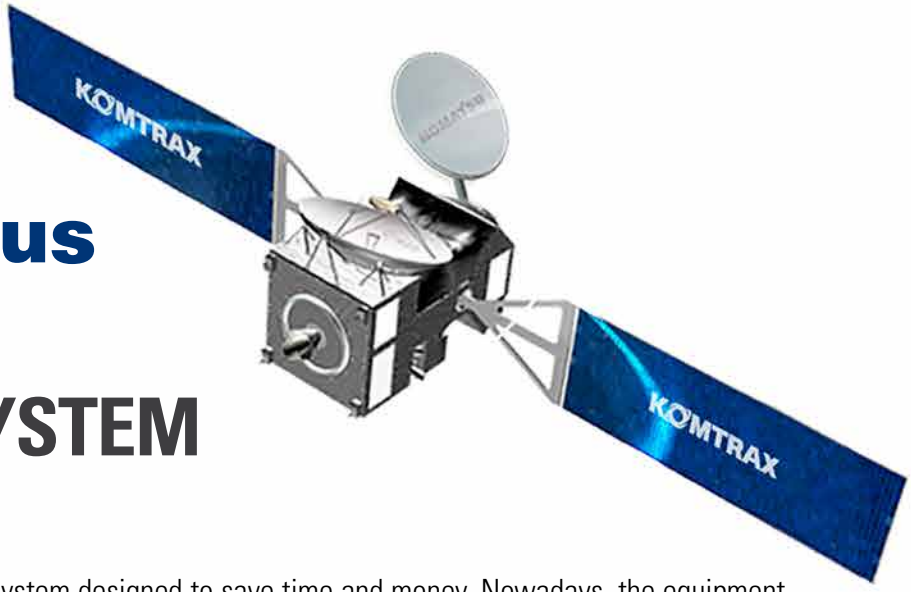
OPTIONAL EQUIPMENT

» 12V converter.
» 3-spool valve.
» Additional counterweight.
» Air conditioner.
» AM/FM radio.
» AM/FM stereo radio cassette.
» Batteries, 2 x 12 V/140 Ah.
» Bucket teeth (bolt on type).
» Bucket teeth (tip type).
» Cutting edge (bolt on type).
» Electronically controlled suspension system.
» Engine pre-cleaner with extension.
» Fire extinguisher.
» Floor mat.
» Front fender.
» High lift boom.
» Joystick steering.
» Large fuel pre-filter.
» Lock-up clutch torque converter.
» Ordinary spare parts.
» Power train guard.
» Seat, air suspension with automatic weight adjustment.
» Secondary steering (ISO 5010).
» Segment edges.
» Tool kit.
» Vandalism protection kit.
» Limited slip differential (F&R).

Optional equipment may not be available in your country.
Please contact your Distributor for further information.

KOMTRAX Plus

SATELLITE MONITORING SYSTEM



KOMTRAX PLUS is a revolutionary tracking system designed to save time and money. Nowadays, the equipment can be tracked anytime and anywhere. This valuable data, received via the KOMTRAX website, can be used to optimize planning of the movements and performance of the equipment.

FEATURES

» LOCATION
KOMTRAX uses a satellite positioning network to inform the location of the equipment.

» GEOFENCE
In partnership with their Komatsu Distributor, owners can create virtual fences (Geo) to receive alerts when the equipment enter or leave the designated range for operations.

» SERVICE METER READING
Daily report of the equipment's working hours, which allows planning maintenance and replacement of components.

» KOMTRAX OPERATION MAPS
In the operation maps you can check the times of the day when the equipment is in operation and if the workers are performing their duties in the stipulated times.

» FUEL MEASUREMENT LEVEL
Shows the amount of fuel at the end of the working day.

» WATER TEMPERATURE DAILY RECORD
Constant record of the increase of engine water temperature with a daily report at the end of the day.

» CAUTIONS
If a light turns on in the cab of the equipment it indicates that a problem occurs. From the website of the application you can review the reason for the problem, the time it occurred and a record number will be generated.

» ABNORMALITY CODES
Abnormality codes are transmitted to the Komatsu Distributor for troubleshooting before technicians arrive at the workplace. An email notification is also sent with the code of what happened.

» NOTICE OF MAINTENANCE REPLACEMENT
The system generates alerts to inform that the equipment requires change of elements like filters and oil.

» EQUIPMENT KEY HOURS
Detailed information on key equipment hours such as excavation, moving, digging, alleviating and elevation. This can help to monitor and compare equipment performance, in addition to working hours and idle times.

» LOADING FREQUENCY
Information on the load factor of the equipment to know if it is performing in a light, medium or heavy work.

» ANTI-THEFT ENGINE LOCK
KOMTRAX has a system to lock and unlock the motor of the equipment, which will allow the operation only on preset days, hours and areas.

» FUEL CONSUMPTION
On new Komatsu equipment, you can get the actual status of the fuel gallons consumed, besides an average of the fuel spent per hour during the period of operation.

» MONTHLY AND ANNUAL DATA REPORTS
KOMTRAX generates summaries of all critical system data to help with analysis of fleet utilization, equipment scheduling, future equipment purchases, labor costs, etc.during the period of operation.

Check with your Komatsu dealer for the information available for your model and service availability in your country.and service availability in your country.

KOMATSU®

For further information, contact your Distributor or visit our website **www.komatsulatinoamerica.com**

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