

KOMATSU

WA470-6R



Photos may show equipments not available in your area

Wheel loader

Engine power
204 kW / 273 HP @ 2000 rpm

Operating weight
23205 - 24955 kg

Bucket capacity
3.6 - 5.2 m³

WA470-6R

Walk-around



Engine power

204 kW / 273 HP @ 2000 rpm

Operating weight

23205 - 24955 kg

Bucket capacity

3.6 - 5.2 m³

High productivity & low fuel consumption

- Variable displacement piston pump & Closed-Centre Load Sensing System (CLSS)
- High performance Komatsu SAA6D125E-5 engine
- Low fuel consumption
- Dual-mode engine power select system
- Large-capacity torque converter
- Automatic transmission with mode select system
- Lock-up torque converter (option)

Increased reliability

- Komatsu components
- High-rigidity frames and loader linkage
- Wet multi-disc brakes and fully hydraulic braking system
- Hydraulic hoses use flat face-to-face O-ring seals
- Sealed connectors
- Cation electrodeposition primer paint/powder coating paint

Easy maintenance

- Gull-wing engine side cover
- Equipment Management and Monitoring System
- Easy radiator cleaning with reversible fan
- Automatic reversible fan (option)

Excellent operator environment

- Pillar-less large cab
- Low-noise design
- Electrically controlled transmission lever
- Automatic transmission with electronically controlled modulation valve
- Variable transmission cut-off system
- Fingertip control levers

Safety

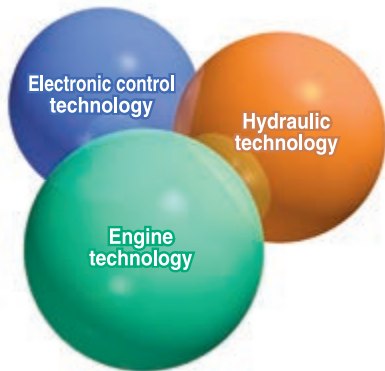
- ROPS/FOPS cab (ISO 3471/ISO 3449)
- Rear-hinged full open cab door

Komtrax

- Komatsu Wireless Monitoring System



High productivity & low fuel consumption

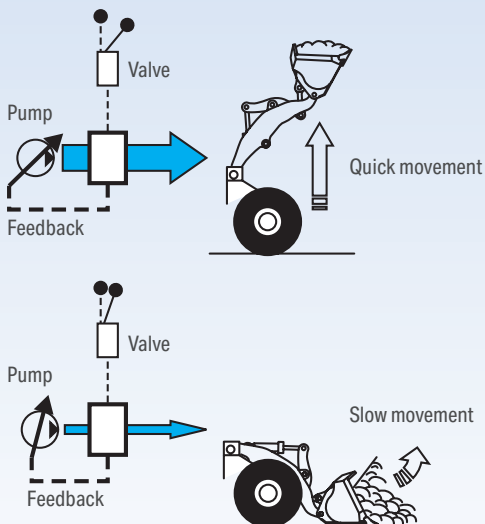


Variable displacement piston pump & CLSS (Closed-Centre Load Sensing System)

New design variable displacement piston pump combined with the Closed-Centre Load Sensing System delivers hydraulic flow just as the job requires, preventing wasted hydraulic pressure, for better fuel efficiency.

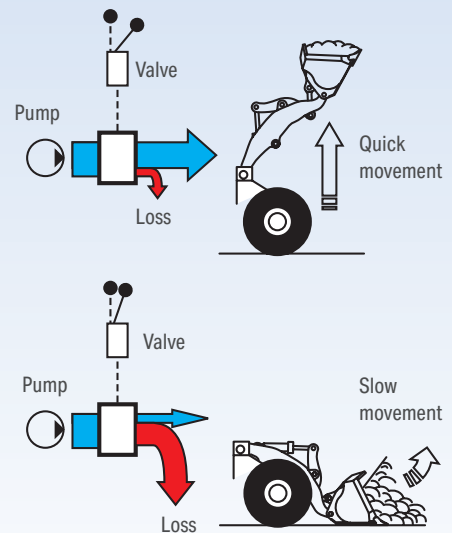
New variable displacement piston pump

The pump delivers hydraulic pressure only when required.



Fixed displacement piston pump

The pump delivers the maximum amount at any time. The unused flow is disposed of.



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. 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 operations or hill climbs.



Large-capacity torque converter

The newly 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.

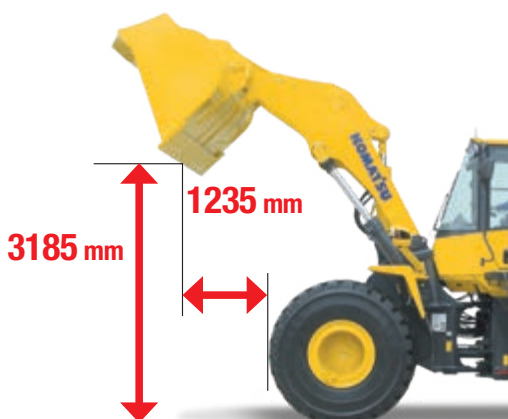
Therefore Auto L mode keeps the engine in a relatively low rpm range for fuel efficiency



while also giving tractive force at the touch of the accelerator pedal.

Superior dumping height and reach

The long lifting frame allows an enormous dumping height of 3185 mm and a reach of 1235 mm that is just as impressive (with a 4.2 m³ bucket, measured to the cutting edge). With this working range, loading high feeders or trucks becomes easy and fast.



Lock-up torque converter (option)

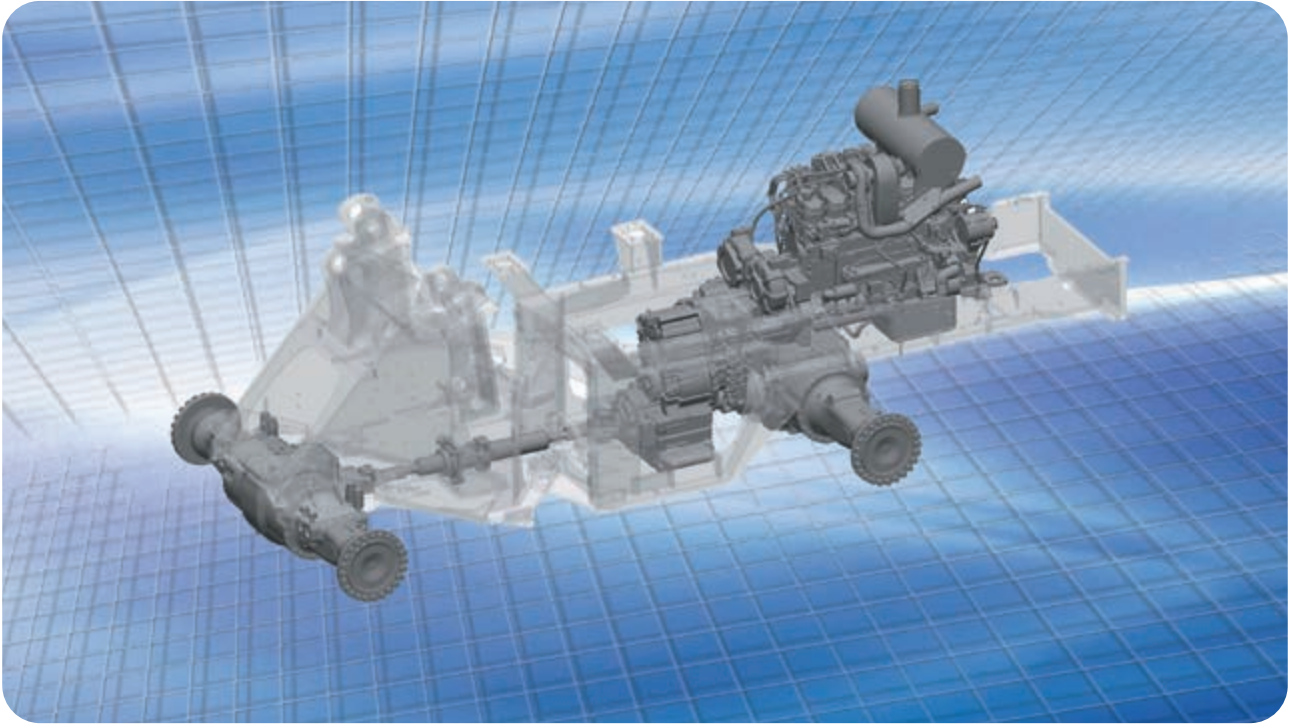
The Komatsu designed lock-up torque converter provides increased production efficiency, reduced cycle times and optimum fuel savings in Load & Carry or hill-climb operations. This feature allows the operator to activate the system on/off with a switch located on the right-side control panel.



ECO indicator

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

Increased reliability

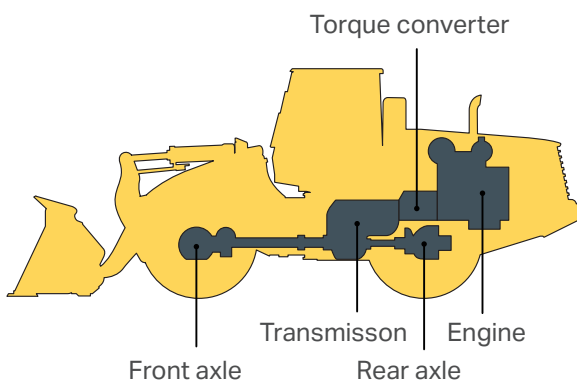


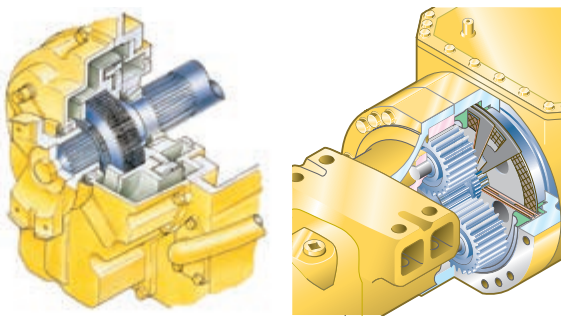
Komatsu components

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

High-rigidity frames and loader linkage

The front and rear frames and loader linkage have more torsional rigidity providing longer frame life. Extensive testing has proved that frame and loader linkage have the ability to accommodate actual work loads.





Wet multi-disc brakes and fully hydraulic braking system

This system provides lower maintenance costs and higher reliability. Wet disc brakes are fully sealed. Contaminants are kept out, reducing wear and maintenance. Brakes require no adjustments for wear, meaning even lower maintenance. The new parking brake is also an adjustment-free, wet multi-disc for high reliability and long life. Added reliability is designed into the braking system by the use of two independent hydraulic circuits. This system provides hydraulic backup should one of the circuits fail.

Sealed DT connectors

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



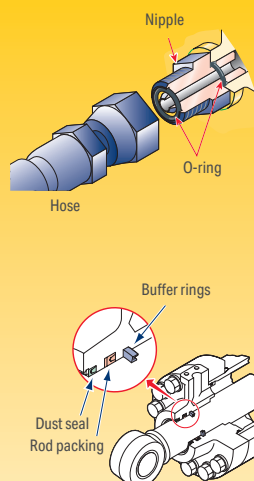
Cation electrodeposition primer paint/powder coating final paint

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.



Reliable hydraulic line

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 on the head side of the all-hydraulic cylinders to lower the load on the rod seals and maximise reliability.



Bucket side guard (option)

In addition to the conventional side guard of plate type (for loading products), the bolt-on side guard made of cast steel can be installed optionally. Since it is so designed that the material can flow smoothly on it, it does not increase the digging resistance.

Easy maintenance



Easy access to service points

For easy and safe opening the gull-wing doors are supported by gas springs. The large doors give a convenient access from ground level to all daily service points.



Gull-wing doors for easy ground level access

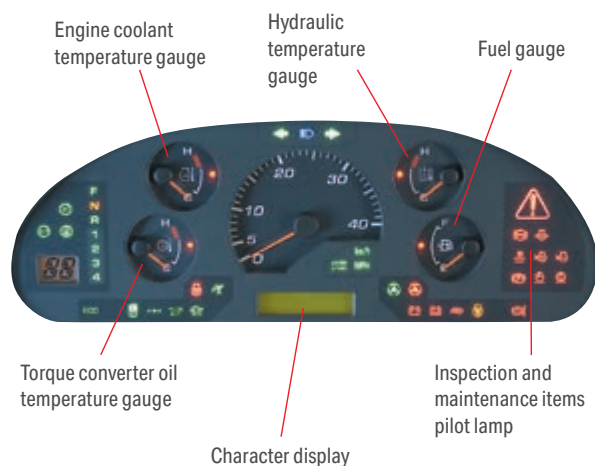


Equipment Management and Monitoring System

The monitor is mounted in front of the operator for easy viewing, allowing the operator to easily check gauges and warning lights.

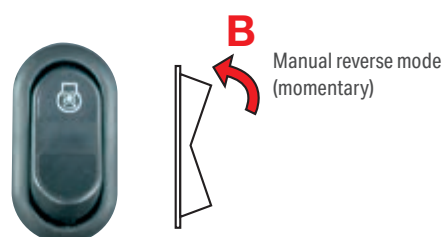
Maintenance control and troubleshooting functions

- Action code display: If any abnormality should occur, the monitor displays action details and faults to the operator.
- Monitor: Amongst other functions, the controller monitors engine oil level, pressure and coolant temperature. All errors are displayed on the LCD.
- Replacement time notice: The monitor informs replacement time of oil and filters on the LCD when replacement intervals are reached.
- Trouble data memory: The monitor stores abnormalities for effective troubleshooting.



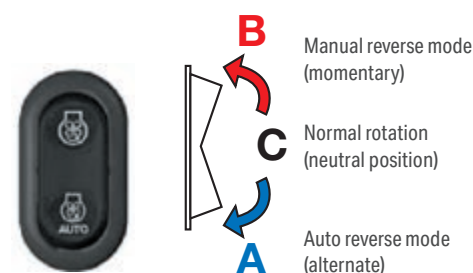
Ease of radiator cleaning

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



Automatic reversible fan (option)

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).



First-class comfort



Pillar-less large cab

A wide pillar-less windscreen 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 the rear by introducing front mounted air conditioner unit.



Steering wheel with telescopic/tilt column

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



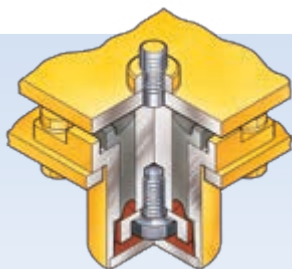
Electronic controlled transmission lever

Change direction or shift gears with a touch of a finger 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 2 to 4 keep production high and manual shifting at a minimum.



Low-noise design

Noise at operator's ear (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. The cab sealing is improved to provide a quiet, low-vibration, dustproof pressurised, and comfortable operating environment. Also, the exterior noise level is the lowest in its class.

Automatic transmission with ECMV

The automatic transmission with ECMV automatically selects the proper gear speed based on travel speed, engine speed, and other travel conditions. The ECMV (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.

• Kick-down switch:

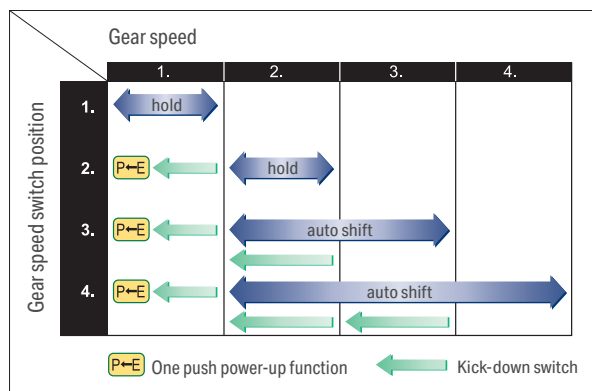
With the touch of a finger, the kick-down switch automatically downshifts from second to first when beginning the digging cycle. It automatically shifts up from first to second when the direction control lever is placed in reverse. This results in increased rim pull for better bucket penetration and 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 in 3rd or 4th gear, the transmission is held in that gear speed.



Fingertip work equipment control levers with large size arm rest

New 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.

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

Safety first



ROPS/FOPS cab

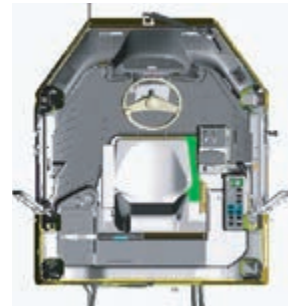
The ROPS/FOPS cab is standard for operator's safety. A wide pillar-less flat glass provides excellent front visibility, and a heated rear window provides excellent rear visibility in cold and freezing weather conditions.

ROPS (ISO 3471): Roll-over Protective Structure

FOPS (ISO 3449): Falling Objects Protective Structure

Left or right side cab entry

The operator can get on and off the machine from either side of the vehicle. This design is convenient when getting on and off in a narrow jobsite or on uneven ground.



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.



Safety features

- **Secondary steering (option)**
If the steering pump is disabled, a secondary steering pump provides hydraulic flow.
- **Two independent lines brake system**
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.
- **Battery disconnect switch (option)**
The battery disconnect switch is located in the right side battery box. This can be used to disconnect power when performing service work on the machine.

Komtrax

The Komatsu remote monitoring and management technology provides insightful data about your equipment and fleet in user-friendly format.

Energy saving operation report

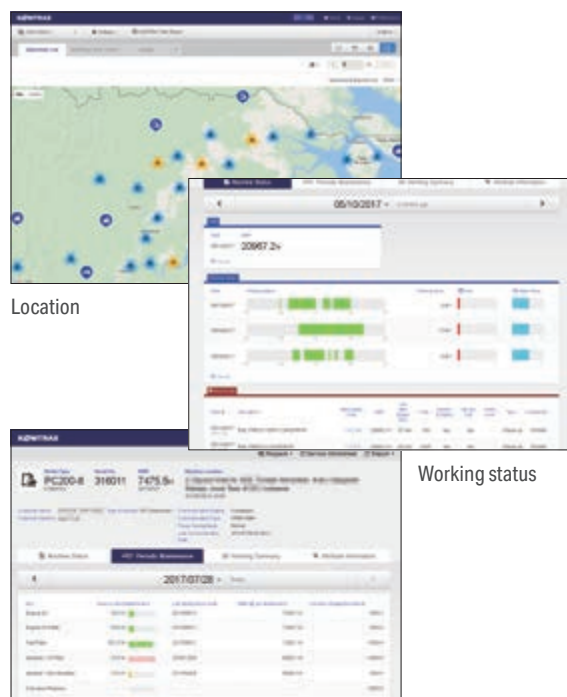
Komtrax delivers the energy-saving operation report based on the operating information such as fuel consumption, load summary and idling time, which helps you efficiently run a business.



This report image is an example of hydraulic excavator

Equipment management support

Through the web application, a variety of search parameters are available to quickly find information about specific machines based on key factors. Moreover, Komtrax finds out machines with problems from your fleet and shows you through an optimal interface.



Periodic maintenance

The report contents and data depend on the machine model.

Optimal strategy for efficient work

The detailed information that Komtrax puts at your fingertips helps you manage your fleet conveniently on the web anytime, anywhere. It gives you the power to make better daily and long-term strategic decisions.



Specifications

Engine

Model	Komatsu SAA6D125E-5
Type	Water-cooled, 4-cycle
Aspiration	Turbocharged, after-cooled
No. of cylinders	6
Bore × stroke	125 × 150 mm
Displacement	11.04 l
Governor	All-speed, electronic
Engine power	
at rated engine speed	2000 rpm
SAE J1995	Gross 204 kW / 273 HP
ISO 9249/SAE J1349*	Net 203 kW / 272 HP
Fan drive type	Hydraulic
Fuel system	Direct injection
Lubrication system	
Method	Gear pump, force-lubrication
Filter	Full-flow type
Air filter type	Dry-air filter with automatic dust emission and preliminary purification including a dust display

* Net horsepower at the maximum speed of radiator cooling fan is 191 kW. U.S. EPA Tier 2 and EU Stage 2 emissions equivalent.

Transmission

Type	Full-powershift, countershaft type
Torque converter	3-element, 1-stage, 1-phase

Speeds in km/h (with 26.5R25 (L-3) tyres)

Gear	1.	2.	3.	4.
Forward	7.6	13.1	22.9	36.2
Reverse	7.9	13.5	23.6	37.3

Chassis and tyres

System	4-wheel drive
Front axle	Fixed, semi-floating
Rear axle	Center-pin support, semi-floating, 26° total oscillation
Reduction gear	Spiral bevel gear
Differential gear	Conventional type
Final drive	Planetary gear, single reduction
Tyres	26.5R25

Brakes

Operating brakes	Hydraulically actuated, wet multi-disc brakes on all wheels
Parking brake	Wet multi-disc
Emergency brake	Uses the parking brake

Steering system

System	Articulated frame steering
Type	Completely hydraulic power steering
Steering angle to either side	35° each direction (40° end stop)
Steering pump	Piston pump
Working pressure	24.5 MPa / 250 kgf/cm ²
Pumping capacity	195 l/min
No. of steering cylinders	2
Type	Double-action
Bore diameter × stroke	90 × 441 mm
Smallest turn (center of the tyre 26.5 R25)	6630 mm

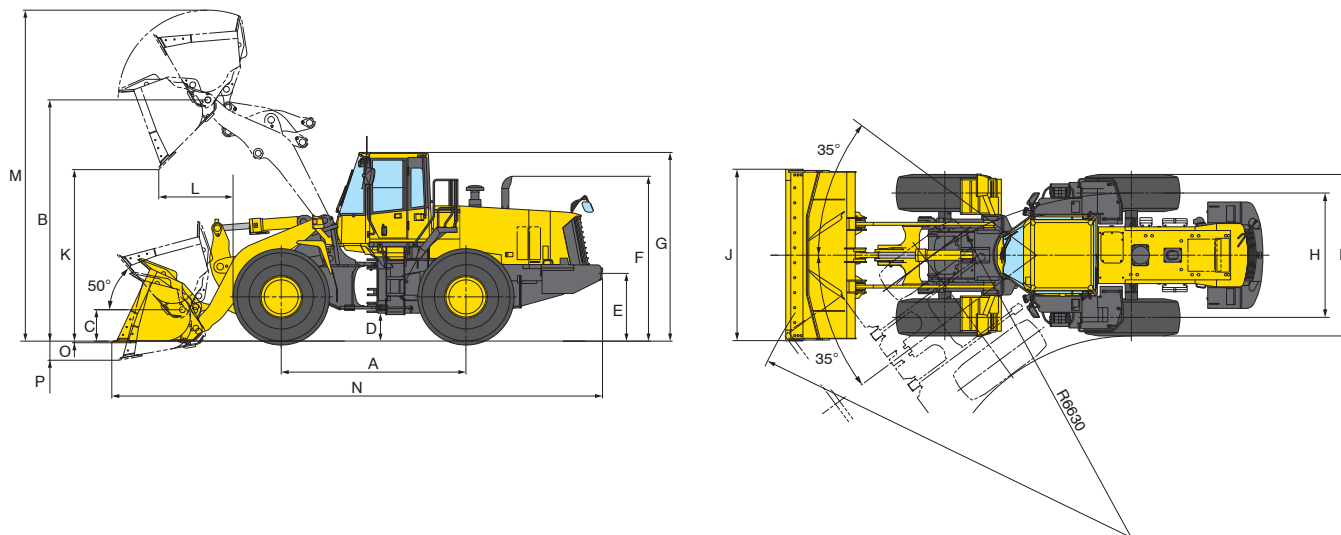
Hydraulic system

Hydraulic pump	Piston pump
Maximum pump flow	260 l/min
Working pressure	34.3 MPa / 350 kgf/cm ²
No. of lift/bucket cylinders	2/1
Type	Double-action
Bore diameter × stroke	
Boom cylinder	140 × 764 mm
Bucket cylinder	160 × 575 mm
Control valve	2-spool type
Control positions	
Boom	Raise, hold, lower, and float
Bucket	Tilt-back, hold, and dump
Hydraulic cycle with rated load bucket filling	
Raise time	5.4 s
Dumping time	1.6 s
Lowering time (empty)	3.7 s

Service refill capacities

Cooling system	61 l
Fuel tank	413 l
Engine oil	38 l
Hydraulic system	173 l
Front axle	60 l
Rear axle	56 l
Torque converter and transmission	65 l

Dimensions



Measurements and working specifications

	Standard boom	High-lift boom
H Tread		2300 mm
I Width over tyres		3010 mm
A Wheel base		3450 mm
B Hinge pin height, max.	4360 mm	4870 mm
C Hinge pin height, carry position	585 mm	730 mm
D Ground clearance		525 mm
E Hitch height		1240 mm
F Overall height, top of the stack		3080 mm
G Overall height, ROPS cab		3500 mm

Dimensions with 26.5R25 (L-3) tyres

Change in data caused by:

Tyres / attachment	Operating weight	Tipping load straight	Tipping load full turn	Width over tyres	Ground clearance	Overall height
	kg	kg	kg	mm	mm	mm
26.5R25 (L-3)	0	0	0	0	0	0
26.5-25-16PR (L-3)	-305	-225	-200	0	0	0
26.5-25-20PR (L-3)	-240	180	-160	0	0	0
26.5-25-20PR (L-5)	+520	+390	+340	0	0	0
Add. counterweight	+380	+905	+755	0	0	0

Dimensions

Measured with 26.5R25 (L-3) tyres

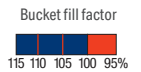
	Standard boom	Stockpile bucket			Excavating bucket			Rock bucket (spade nose)	Loose material bucket		Light material bucket	
		Bolt-on cutting edges	Teeth and segments	Teeth	Bolt-on cutting edges	Teeth and segments	Teeth	Teeth	Bolt-on cutting edges	Bolt-on cutting edges	Bolt-on cutting edges	
Bucket capacity:	heaped ISO rated	4.2 m ³	4.2 m ³	3.9 m ³	3.8 m ³	3.8 m ³	3.6 m ³	3.6 m ³	4.4 m ³	4.65 m ³	5.2 m ³	
	heaped 110% Fill factor	4.6 m ³	4.6 m ³	4.3 m ³	4.2 m ³	4.2 m ³	4.0 m ³	4.0 m ³	4.8 m ³	5.1 m ³	5.7 m ³	
	struck	3.5 m ³	3.5 m ³	3.3 m ³	3.2 m ³	3.2 m ³	3.1 m ³	3.1 m ³	3.9 m ³	4.0 m ³	4.5 m ³	
J	Bucket width	3170 mm	3190 mm	3190 mm	3170 mm	3190 mm	3190 mm	3170 mm	3170 mm	3170 mm	3170 mm	
	Bucket weight	2055 kg	2095 kg	1965 kg	2165 kg	2200 kg	2075 kg	2160 kg	2210 kg	2170 kg	2255 kg	
K	Dumping clearance, max. height and 45° dump angle*	3185 mm	3060 mm	3060 mm	3235 mm	3110 mm	3110 mm	2975 mm	3055 mm	3105 mm	3035 mm	
L	Reach at max. height and 45° dump angle*	1235 mm	1335 mm	1335 mm	1185 mm	1285 mm	1285 mm	1435 mm	1365 mm	1315 mm	1385 mm	
	Reach at 2130 mm dumping clearance and 45° dump angle	1935 mm	1975 mm	1975 mm	1905 mm	1950 mm	1950 mm	2035 mm	2010 mm	2060 mm	2020 mm	
	Reach with arm horizontal and bucket level	2755 mm	2910 mm	2910 mm	2685 mm	2840 mm	2840 mm	3040 mm	2940 mm	2870 mm	2965 mm	
M	Operating height (fully raised)	5960 mm	5960 mm	5960 mm	5875 mm	5875 mm	5875 mm	5875 mm	5960 mm	6040 mm	6185 mm	
N	Overall length	8825 mm	8980 mm	8980 mm	8755 mm	8910 mm	8910 mm	9210 mm	9010 mm	8940 mm	9035 mm	
	Loader clearance circle (35°) diameter (bucket at carry, outside corner of bucket)	15280 mm	15380 mm	15380 mm	15240 mm	15340 mm	15340 mm	15280 mm	15370 mm	15340 mm	15380 mm	
O	Digging depth:	0°	80 mm	100 mm	80 mm	100 mm	100 mm	85 mm	80 mm	80 mm	80 mm	
P		10°	315 mm	360 mm	360 mm	305 mm	350 mm	350 mm	370 mm	345 mm	345 mm	350 mm
	Static tipping load:	straight	18480 kg	18660 kg	18840 kg	18380 kg	18560 kg	18735 kg	18510 kg	18340 kg	18375 kg	18295 kg
		40° full turn	15875 kg	16055 kg	16235 kg	15775 kg	15955 kg	16135 kg	15905 kg	15735 kg	15775 kg	15695 kg
	Breakout force	192 kN	198 kN	207 kN	203 kN	209 kN	220 kN	190 kN	168 kN	176 kN	165 kN	
	Operating weight	23295 kg	23335 kg	23205 kg	23405 kg	23445 kg	23315 kg	23400 kg	23450 kg	23410 kg	23495 kg	

	High-lift boom	Excavating bucket		
		Bolt-on cutting edges	Teeth and segments	Teeth
Bucket capacity:	heaped ISO rated	3.8 m ³	3.8 m ³	3.6 m ³
	heaped 110% Fill factor	4.2 m ³	4.2 m ³	4.0 m ³
	struck	3.2 m ³	3.2 m ³	3.1 m ³
J	Bucket width	3170 mm	3190 mm	3190 mm
	Bucket weight	2165 kg	2200 kg	2075 kg
K	Dumping clearance, max. height and 45° dump angle*	3750 mm	3625 mm	3625 mm
L	Reach at max. height and 45° dump angle*	1330 mm	1430 mm	1430 mm
	Reach at 2130 mm dumping clearance and 45° dump angle	2410 mm	2455 mm	2455 mm
	Reach with arm horizontal and bucket level	2960 mm	3115 mm	3115 mm
M	Operating height (fully raised)	6415 mm	6415 mm	6415 mm
N	Overall length	9490 mm	9645 mm	9645 mm
	Loader clearance circle (35°) diameter (bucket at carry, outside corner of bucket)	15780 mm	15880 mm	15880 mm
O	Digging depth:	0°	215 mm	235 mm
P		10°	440 mm	485 mm
	Static tipping load:	straight	16170 kg	16330 kg
		40° full turn	13700 kg	13865 kg
	Breakout force	186 kN	191 kN	201 kN
	Operating weight	24915 kg	24955 kg	24825 kg

*At the end of tooth or Bolt-on cutting edge (BOC).
 All dimensions, weights, and performance values based on ISO 7131 and 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.

Bucket selection guide

The size and type of the bucket should be properly selected depending on the density of the material and the expected bucket fill factor. Depending on the conditions, Komatsu buckets may perform more than rated capacity thanks to powerful boom linkage, efficient bucket shape and high rim-pull.



Expected density and maximum possible fill factor for each material

Material	Potential fill factor [%]	Material density: kg/m ³			
		1200	1400	1600	1800
Earth/clay	Up to 115			●	
Sand/gravel	Up to 115				●
Aggregate	Up to 110			●	
Rock	Up to 100				●

Standard boom

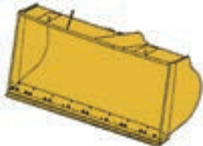
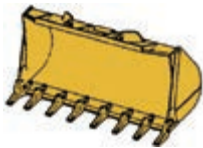
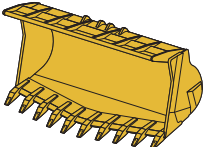
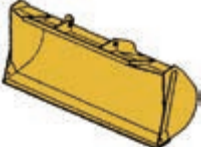
Type of bucket	Bucket volume	Material density: kg/m ³			
		1200	1400	1600	1800
Light material bucket with BOC	5.2 m ³	6.0 m ³	4.9 m ³		
Loose material bucket with BOC	4.65 m ³	5.3	4.4		
Loose material bucket with BOC	4.4 m ³	5.1	4.2		
Stockpile bucket with BOC / teeth & segments	4.2 m ³	4.8	4.0		
Stockpile bucket with teeth	3.9 m ³	4.5	3.7		
Excavating bucket with BOC / teeth & segments	3.8 m ³	4.4	3.6		
Excavating bucket with teeth / Rock bucket	3.6 m ³	4.1	3.4		

High-lift boom

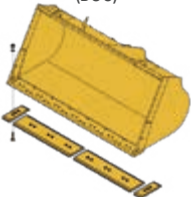


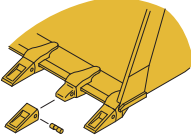
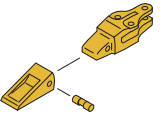
Excavating bucket with BOC / teeth & segments	3.8 m ³	4.4	3.6		
Excavating bucket with teeth	3.6 m ³	4.1	3.4		

Buckets & attachments


■ Buckets

Type	Feature	Image
Stockpile bucket	This bucket is used for loading stockpile products, such as crushed rock and construction materials.	
Excavating bucket	This bucket is used for excavating and loading blasted rock on rock crushing job sites, or for excavating natural ground. It has a flat-blade, straight cutting edge, and provides superior rigidity and wear resistance.	
Rock bucket (spade nose)	This bucket is used for excavating and loading blasted rock on rock crushing job sites. It has a pointed cutting edge, and provides superior rigidity and wear resistance.	
Loose/light material bucket	This bucket is used for loading materials with comparatively light specific gravity. It is based on the general purpose bucket, with a lengthened cutting edge and width to give increased capacity.	

■ Cutting edges and teeth

Type	Feature	Image	
Cutting edge Segment edge	This edge is made for use in loading loose sand and soil, or for loading stockpiled materials. It is bolted to the leading edge of general purpose buckets and may be detached and reversed. The cutting edges are manufactured from especially heat treated, high tension steel, and since they are reversible, both edges can be used. This effectively doubles their working life.	Bolt-on cutting edges (BOC) 	Segment edges (SE) 
Teeth (bolt-on type)	These teeth are suitable for loading or excavation of piles of earth or sand, blasted rock, and jobs in the field that involve digging into the side of slopes. The special heat treated, tensile strength steel alloy used in their production assures that they will wear and have a long service life.		
Teeth (tip type)	These teeth tips which are attached to an adapter that is welded or bolted to the bucket edge. This means that an interchangeable part, the tooth tip, absorbs most of the wear and protects the actual bucket edge. They give excellent performance when used to handle blasted rock, piles of earth and similarly heavy duty tasks.	Welded adapter 	Bolt-on adapter 

■ Grapples

Type	Feature	Image
Log grapple	This is a special log attachment for use with logs ranging from small-diameter short logs to large-diameter long logs. Its shape enables it to grip the log well with little rolling shock, and it is designed so that the center of gravity of the log is close to the machine body. This enables the machine to maintain its stability when loading and hauling.	

Komatsu total support



Komatsu total support

To keep your machine available and minimize operation cost when you need it, the Komatsu distributor is ready to provide a variety of supports before and after procuring the machine.

Fleet recommendation

The Komatsu distributor can study the customer's job site and provide the most optimum fleet recommendation with detailed information to meet all of your application needs when you are considering to buy new machines or replace the existing ones from Komatsu.

Parts availability

The Komatsu distributor is available for emergency inquiry by the customers for genuine, quality guaranteed Komatsu parts.

Technical support

Komatsu product support service (technical support) is designed to help customer. The Komatsu distributor offers a variety of effective services to show how much Komatsu is dedicated to the maintenance and support of Komatsu machine.

- Preventive Maintenance (PM) clinic
- Oil & wear analysis program



Product support

The Komatsu distributor gives the proactive support and secures the quality of the machinery that will be delivered.

Repair & maintenance service

The Komatsu distributor offers quality repair and maintenance service to the customer, utilizing and promoting Komatsu developed programs.

Komatsu Reman (remanufactured) components

Komatsu Reman products are the result of the implementation of the Komatsu global policy which establishes and agrees to reduce the owning, operating and total Life Cycle Costs (LCC) to Komatsu's customer through high quality, prompt delivery and competitively priced in own remanufactured products (QDC).



Standard equipment

Engine/power train

- Air cleaner with dust indicator
- Engine, Komatsu SAA6D125E-5 diesel
- Parking brake, electric
- Service brakes, wet disc type
- Transmission, 4 forward and 4 reverse

Electrical system

- Alternator, 24 V/50 A
- Back-up alarm
- Back-up lights
- Batteries, 2 x 12 V/136 Ah
- Directional signal
- Engine shut-off system, electric
- Front work lamps, LH and RH side
- Hazard lamps
- Rear work lamps, LH and RH side
- Starting motor, 24 V/7.5 kW
- Stop and tail lamps, and turn signal lamps

Hydraulic system

- 2-spool valve for boom and bucket controls
- Hydraulic-driven fan with reverse rotation
- Lift cylinders and bucket cylinder

Cab

- Air conditioner
- Ashtray
- Automatic shift transmission with mode select system
- Cigarette lighter
- Cup holder
- Electronically controlled transmission lever
- Floor mat
- Front wiper (with washer and intermittent)
- Horn, electric
- Main monitor panel with Equipment Management and Monitoring System
- Pillar cover
- PPC fingertip control, 2 levers
- Rear view mirror for cab
- Rear window washer and wiper
- ROPS/FOPS (ISO 3471/ISO 3449) cab
- Seat belt
- Seat, air suspension type with reclining
- Steering wheel, tiltable, telescopic
- Sun visor

Work equipment

- Boom kick-out
- Bucket positioner
- Counterweight, standard
- Loader linkage with standard boom

Other equipment

- Coolant filter
- Pre-filter for extra poor fuel
- Front fenders
- Fuel pre-filter with water separator
- Handrails for platform
- Hard water area arrangement
- Hydraulic oil filter
- Radiator
- Radiator mask, lattice type
- Rear under view mirror
- Tyres and rims
- Tool box

Optional equipment

Engine/power train

- Brake cooling system
- Engine pre-cleaner
- Limited slip differential (F&R)
- Lock-up clutch torque converter
- Secondary steering (ISO 5010)

Electrical system

- Alternator, 24 V/75 A
- Batteries, large capacity, 2 x 12 V/140 Ah
- Batteries, maintenance-free, 2 x 12 V/136 Ah
- Battery disconnect switch
- Beacon guard
- Rotating light

Hydraulic system

- 3-spool valve with lever and piping
- Bucket cylinder for fork attachment
- Bucket cylinder for high-lift
- Hydraulic-driven fan with automatic reverse rotation

Cab

- AM/FM radio
- 12V DC electrical outlets
- FNR selector switch
- Joystick steering
- Load meter
- Multifunction mono-lever
- Rear view monitoring system
- Seat, deluxe suspension seat

Work equipment

- Additional counterweight (380 kg)
- Bucket teeth (bolt-on type)
- Bucket teeth (tip type)
- Counterweight for log
- Cutting edge (bolt-on type)
- Guard, side edge
- High-lift boom
- Log grapple
- Segmented edges
- Various bucket options

Other equipment

- Auto greasing system
- Compliant Bio diesel fuel
- Cool & heat box
- Electronically Controlled Suspension System
- Fire extinguisher
- Fire proof net
- Filler cap lock & cover lock
- Large fuel pre-filter with water separator
- Ordinary spare parts
- Power train guard
- Spec for highlands area (4600 m)
- Spec for sandy area
- Tool kit
- Various tyre options, radial and bias
- Wheel stopper

Your Komatsu partner:

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