

KOMATSU®

WHEEL LOADER

WA1200-6

HORSEPOWER

Gross: 1,411 kW **1,892 hp** @ 1,800 rpm

Net: 1,316 kW **1,765 hp** @ 1,800 rpm

BUCKET CAPACITY

16.5 - 35.0 m³



ORIGIN JAPAN / KLTD

Photo may include optional equipment

I WA1200-6 WALK-AROUND

**NET
ENGINE
POWER
1,765 hp**



Photo may include optional equipment.

»High productivity & low fuel consumption

UPGRADE

- »The largest bucket in its class.
- »Extra dumping clearance and reach.
- »Hi-cab.
- »Remote boom positioner.
- »Selectable traction power.
- »High performance Komatsu SSDA16V160E-2 engine.
- »Low fuel consumption.

See pages 4,5,6 and 7.

»High reliability & durability

- »Reliable Komatsu designed and manufactured components.
- »High-rigidity frames.
- »Low maintenance brake system.
- »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 pages 8 and 9.

»Excellent operator environment

- »Automatic transmission with electronically controlled modulation valve.
- »Advanced joystick steering system.
- »Engine RPM set system with auto decel.
- »Variable transmission cut-off system.
- »Roomy, quiet cab with power windows.
- »Low vibration & noise.
- »Pillar-less large cab with ROPS/FOPS (ISO 3471/ISO 3449) canopy.
- »Comfortable operator's seat.
- »Trainer seat (optional).

See pages 10 and 11.

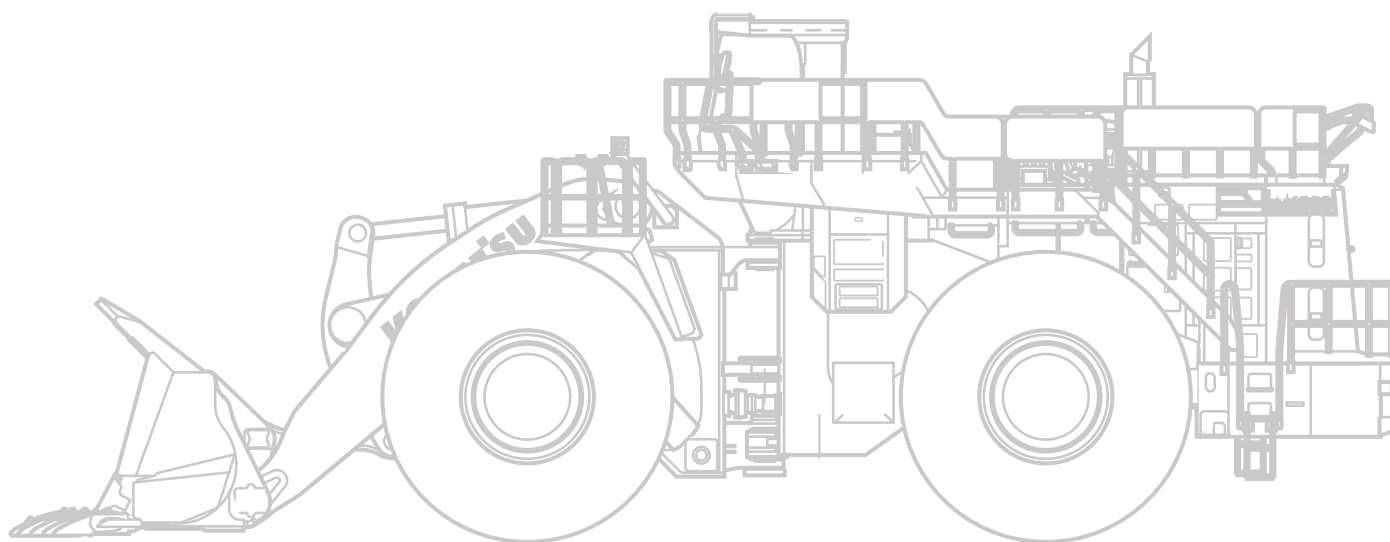
»Easy maintenance

- »Tire saver.
- »Long oil replacement interval.
- »Oil sealed loader linkage pins.
- »Centralized filter layout.
- »Quick fluid change-out system.
- »Auto-greasing system.
- »Equipment management monitoring system.
- »KOMTRAX® Plus.
- »Maintenance accessibility.
- »Safety features.
- »Rear access stairs.

See pages 12 and 13.

»Harmony with environment

- »EPA Tier 2 emission certified.
- »Low fuel consumption.



HIGH PRODUCTIVITY AND LOW FUEL CONSUMPTION

UPGRADE

»The largest bucket in its class

»Bucket line-up has been improved with adding new design bucket. And Lift capacity has been increased.

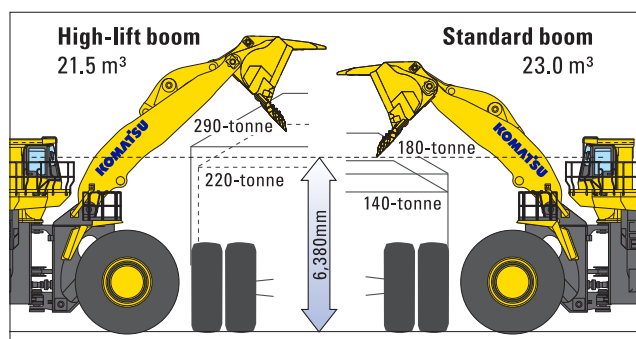
It can achieve to improve productivity with reduction of number of passes. Komatsu bucket is designed for easy loading, little spillage and high fill factor. WA1200-6 outproduces the other loaders by Komatsu bucket with high traction and high breakout force.

Bucket capacities

Standard boom	23.0 m³
High lift boom	21.5 m³ (Optional)

»Hi-cab

»To enhance the loading performance when using larger buckets with the extra dumping clearance and reach, the hi-cab is standard equipment. From his vantage point, 6,380 mm from the ground, the seated operator has a safe, unobstructed full view of the bucket and the inside of a 220-tonne truck body.



Boom	Bucket	Dump clearance	Dump reach
Standard boom	23.0 m ³	6,195 mm	3,470 mm
High lift boom (Optional)	21.5 m ³	6,945 mm	3,210 mm

»Matching with dump trucks

»Aggressive loading and maximum fill factors lead to exceptional productivity in the toughest mining conditions. The WA1200-6 equipped with a 23.0 m³ bucket can load a 140-tonne truck in four passes. Due to its extra dumping clearance and reach it is able to load 180-tonne trucks in five passes. The high lift version can load 290-tonne plus trucks.

UPGRADE

Boom \ Truck	140-tonne	180-tonne	220-tonne	290-tonne
Standard boom	4 passes	5 passes	6 passes	-
High lift boom (Optional)	-	5 passes	6 passes	8 passes

(In case of specific gravity 1.8 / Bucket fill factor 95%)



Photo may include optional equipment.



Photo may include optional equipment.

»High performance Komatsu SSDA16V160E-2 engine

»Economical Komatsu SSDA16V160E-2 diesel engine provides power with reserve margins to move giant 23.0 m³ loads. Equipped with an electronic governor for low fuel consumption and electronic acceleration pedal and rpm set for easy operation.

Net power: 1,316 kW 1,765 hp.

Max torque: 8.15 kN·m 831 kgf·m.

»Low emission engine

»This engine is EPA Tier 2 emission certified without sacrificing power or machine productivity.

»Low fuel consumption

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

»High breakout force / Traction force

»Komatsu wheel loaders have high-tensile steel Z-bar loader linkages for maximum rigidity and maximum breakout force. Sealed loader linkage pins extend greasing intervals.

Breakout force:

1,134 kN 115,650 kgf

23.0 m³ Rock bucket (Spade nose with teeth)

Traction force:

992 kN 101,200 kgf

»Excellent stability

»The WA1200-6 has the widest tread in its class 4,300 mm and a long 7,100 mm wheelbase, for maximum machine stability.

Static tipping load

(With 60/80 R57 tires / bucket 23.0 m³)

Straight: 114,535 kg

40° full turn: 100,930 kg



Photo may include optional equipment.

»Remote boom positioner

»The highest and lowest position of the bucket can be set from the operator's seat to match the height of any truck body. Where the positioner is set will stop the bucket smoothly without shock.

»Selectable traction power and travel speed

•**Maximum traction control:** Traction can be set at any level within 20 - 100% with the "TRACTION CONTROL DIAL" located on the left front. You can set the maximum traction force according to the condition of the road, material and type of work. It greatly increases fuel efficiency and extends the service life of tires.

•**Maximum speed control:** With the "VEHICLE SPEED DIAL", you can set the maximum vehicle speed of 1st and 2nd at any level from 3 km/h to max. This means the operator can set the cycle time between the material and the dump truck. As the loading cycle time is shortened, productivity is improved.

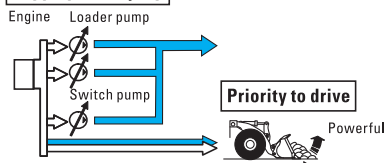


»Dual-mode active working system

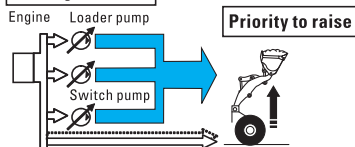
»This system provides the most efficient hydraulic flow for your operation. The active working switch has two modes: powerful loading or normal loading.

Powerful loading mode

Digging / Scooping



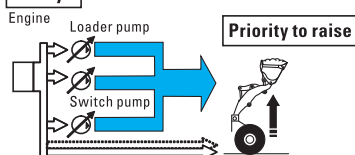
Raising the boom



The driving force gets more power for digging and scooping material. The boom is raised faster for shorter cycle times. This combination makes this mode efficient for digging blasted rock or hard ground.

Normal loading mode

Always



It does not cut off often, so the boom is raised faster. This mode is efficient for loading loose material that does not require traction force.

Photo may include optional equipment.



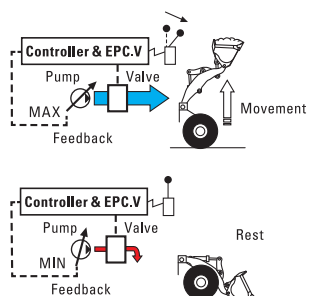
»Pump neutral cut control system for hydraulic pump

»The variable displacement piston pump combined with the pump neutral cut system, use only the required amount of oil flow for the work, so it does not waste oil pressure. This function reduces the fuel rate by controlling the pump discharge, when not operating the work equipment.

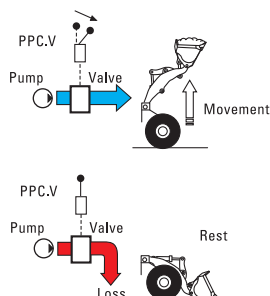
»Variable displacement steering pump + closed-center load sensing system

»The variable displacement steering pump, combined with the closed-center load sensing system, delivers just the hydraulic flow the steering requires. This prevents wasted hydraulic pressure and contributes to increased fuel economy.

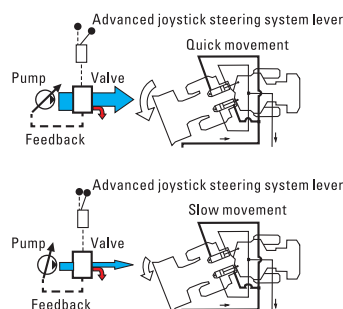
Variable displacement piston pump



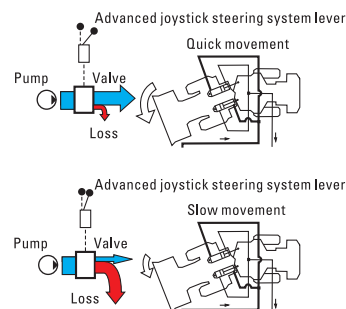
Fixed displacement piston pump



Variable displacement steering pump



Fixed displacement steering pump



»Modulated clutch system

»When approaching the dump truck: 1) The current system requires the engine rpm to be increased to raise the bucket faster. Now, the modulated clutch is controlled automatically to raise the bucket faster, while reducing forward travel speed. This reduction in travel speed eliminates the braking requirement and the time to approach the dump truck is shortened.

2) This combination also reduces torque waste and smooths the operation.

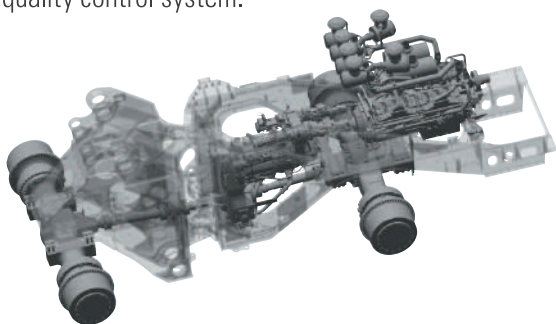
»E ↔ P control of engine

»The engine output function has "2 mode" of Economy or Power. They are selected and controlled automatically. P mode is selected only when digging and approaching the dump truck. This "2 mode" engine control contributes not only to the reduction of the fuel rate but also to the improvement of reliability and durability.

I HIGH RELIABILITY & DURABILITY

»Reliable Komatsu designed and manufactured components

»All components within the power train, from bolts to final gearing, are all Komatsu designed. Komatsu loaders are manufactured with an integrated production system under a strict quality control system.



»High-rigidity frames and loader linkage

»The front, rear frames and the loader linkage have increased torsional rigidity for stress resistance. Frame and loader linkage are designed and computer tested for proven strength to accommodate actual working loads.



»Engine pre-lube system

»Engine durability is achieved by raising the oil pressure before starting.

When the key is turned, the pre-lubrication pump sends oil from the pan to the filter. When the set oil pressure is reached, then the starter motor engages to start the engine.

»Low maintenance brake system

»The WA1200-6 uses Komatsu designed sealed wet disc brakes. This proven design, coupled with a brake oil cooling system, provides reliable and durable final drive braking while downhill traveling with full loads and in all load and carry operations.



»High-rigidity frame

»To increase frame reliability, steel castings have been incorporated at all pivot points to eliminate long weld lengths.



»Sealed connectors

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

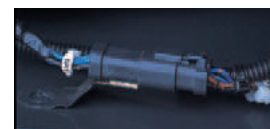


Photo may include optional equipment.

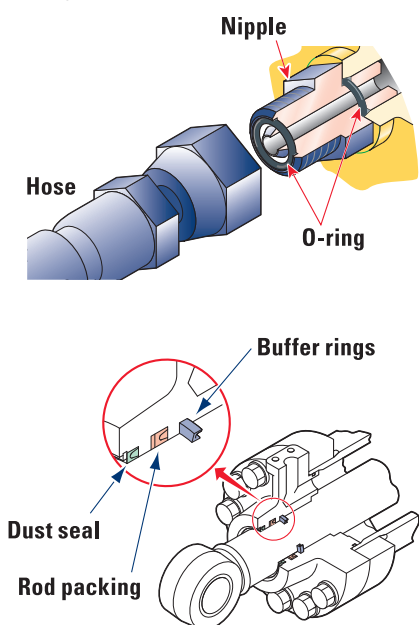


Photo may include optional equipment.

»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 reliability.



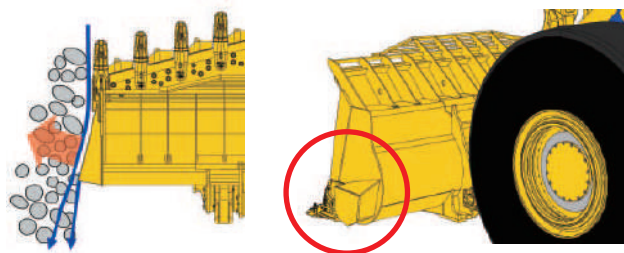
»Cation electrodeposition primer paint/powder coating final paint

»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 durable paint finish, even in the most severe environments.

UPGRADE

»Sweeper wing (Large size tire guard)

»To prevent tire damage, the WA1200-6 provides a sweeper wing (Large size tire guard) on both sides of bucket.



OPERATOR ENVIRONMENT

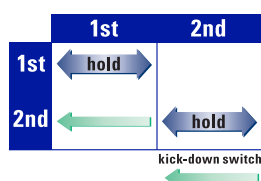
»Easy operation

»Automatic transmission with electronically controlled modulation valve

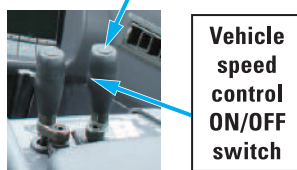
»Automatic transmission with electronically controlled modulation valve automatically selects the proper gear speed based on travel speed, engine speed, and other travel conditions. The electronically controlled modulation valve engages the clutch smoothly to help prevent lag and shock when shifting.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

•Kick-down switch:

Powerful scooping is available by shifting down to the 1st speed, by pressing the kick down switch on the upper boom lever, when the lever is at the 2nd position.



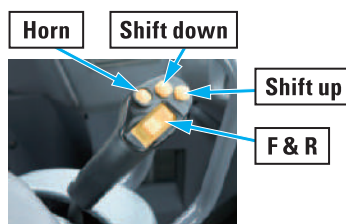
•**Vehicle speed control ON/OFF switch:** By turning the "Vehicle speed control ON/OFF switch" on the boom lever side to ON, the machine travels with vehicle speed limited to the maximum speed having been set with the "Vehicle speed control ON/OFF switch". When the "Vehicle speed control switch" is on, it is indicated by a light under the "Vehicle speed control dial".



•**Transmission shifting switch:** Manual operation is available by shifting "transmission shifting switch" to MANUAL. When traveling on a slope and you do not want to shift gears, you can select the appropriate gear.

»Advanced joystick steering system

»Advanced joystick steering system is a feedback steering system which has been incorporated to allow steering, forward and reverse direction to be controlled by wrist and finger. With the feedback function, the machine steering angle is exactly the same angle as the lever tilt angle.



»Engine RPM set system with auto decel

»Engine Low idle RPM can be easily preset using a push button switch. The system provides auto decel for better fuel consumption.

»Variable transmission cut-off system

»Transmission cut-off position of the left brake pedal is optionally adjustable by switch operation at operator's seat. By adjusting the cut-off position according to the type of work, the inching operation becomes easy and increases efficiency.

1) When loading, adjust the cut-off pressure to low. Then the impact of braking is low to prevent spillage.

2) When traveling, adjust the cut-off pressure to high. Load applied to brake will be lighter by using engine brake while decelerating.



- 1 Transmission cut-off ON/OFF switch.
- 2 Transmission cut-off set switch.
- 3 Transmission shifting switch.

»Comfortable operator's seat

»The operator's seat has a reclining/air suspension design with headrest to support the operator comfortably during long operation. Also, it is easy to adjust seat height with air suspension.



»Trainer seat (Optional)

»For operator instruction, a trainer seat is offered as an option. The seat belt is attached to the trainer seat the same way as the operator seat. The trainer seat can be folded up when not in use.



»Comfortable operation

»Roomy, quiet cab with power windows

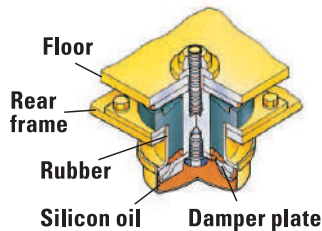
»The cab is large, with a comfortably spacious interior and power windows. Also, a wide viewing angle is guaranteed because the cab is pillar-less. By adopting a high-capacity air conditioner, Komatsu ensures operator comfort, no matter the exterior conditions. Other features designed with operators in mind include a lunchbox storage space.



Lunchbox storage space

»Low vibration & noise

»The cab rests on Komatsu viscous damping mounts (Rubber and silicon oil) to reduce vibration and noise.



»Overhead panel

»Controls for the AM/FM radio, window wiper and washer, cab lights, and air conditioner are all neatly arranged in an overhead console easily within the seated operator's reach.



»Pillar-less large cab with ROPS / FOPS canopy

»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.



ROPS (ISO 3471) :

Roll-over protective structure

FOPS (ISO 3449) :

Falling objects protective structure

»Cab air conditioning

»Large capacity air conditioning system combined with carefully placed vents provide optimum cool air flow. Defroster vents are designed to keep the rear window frost-free during cold weather operation. With a simple touch of his hand the operator can easily select from the five operating modes and four fan speeds on the overhead control panel.

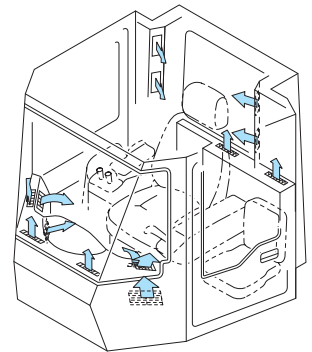


Photo may include optional equipment.

EASY MAINTENANCE

»Tire saver

»The tire saver is quite effective for extending the service life of tires. It senses the tire that slips with a speed sensor, then controls the torque converter with the modulated clutch and stops the tire slip.



»Long oil replacement interval

»Adoption of hybrid elements, that catch the fine and coarse contamination, has extended the interval between replacing elements.

»Lubricated pins for loader links

»All of the loader links have lubricated pins, for much improved serviceability.

»Centralized filter layout

»Torque converter / transmission oil filters have been centrally located for ease of replacement from the ground.



»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.



»Fluid drain from the ground

»Hydraulic oil, transmission/torque converter oil, engine oil, and engine coolant can all be changed from the ground. A fast-fill fuel system is also included as standard equipment.



»Auto-greasing system

»Except for the drive shaft, greasing is automatically done to the regular points with a preset amount and interval.

Exhaust heat shields





Photo may include optional equipment.

»Safety features

- Secondary brakes:** If the brake oil pressure is too low, the parking brake is automatically engaged for accident prevention.
- Secondary steering:** If the steering pump is disabled, an emergency steering pump provides hydraulic flow.
- Emergency engine stop switch:** The stop switches that operation is possible from the ground are installed in four places and the inside of the cab.

»Maintenance accessibility

For safe maintenance operations, main points are equipped with a step and safety handrail.

»Rear access stairs

For safely boarding and exiting the machine, rear access stairs with a safety handrail are provided. The step width, clearance and angle have been designed for safety. The step angle has been reduced from 60 to 45 degrees. A step light provides light for night boarding. The emergency ladder is on the right side of the machine.



Front frame steps



Rear frame steps

SPECIFICATIONS



ENGINE

MODEL	Komatsu SSDA16V160E-2.
TYPE	Water-cooled, 4-cycle.
ASPIRATION	Turbocharged and aftercooled.
NUMBER OF CYLINDERS	16.
BORE X STROKE	159 mm x 190 mm.
PISTON DISPLACEMENT	60 L.
GOVERNOR	Electronic fuel control.
HORSEPOWER:	
SAE J1995	Gross 1,411 kW 1,892 hp.
ISO 9249/SAE J1349	Net 1,316 kW 1,765 hp.
RATED RPM	1,800 min ⁻¹
FAN DRIVE METHOD FOR RADIATOR COOLING	Mechanical.
FUEL SYSTEM	Modular common rail system direct injection.
LUBRICATION SYSTEM:	
METHOD	Screw pump, forced lubrication.
FILTER	Full-flow.
AIR CLEANER	Dry-type with double elements and automatic dust evacuation with dust indicator on monitor.
EPA Tier 2 emission certified.	



TRANSMISSION

TORQUE CONVERTER:	
TYPE	3-element, single-stage, single-phase.
TRANSMISSION:	
TYPE	Full-powershift, planetary type with modulated clutch.
TRAVEL SPEED: km/h.	
MEASURED WITH 60/80 R57 TIRES.	

	1st	2nd	3rd
Forward	6.1	11.1	18.7
Reverse	6.3	11.4	19.3



AXLES AND FINAL DRIVES

DRIVE SYSTEM	Four-wheel drive.
FRONT	Fixed, full-floating.
REAR	Center-pin support, full-floating, 16° total oscillation.
REDUCTION GEAR	Spiral bevel gear.
DIFFERENTIAL GEAR	Straight bevel gear.
FINAL REDUCTION GEAR	Planetary gear, double reduction, oil bath.



BRAKES

SERVICE BRAKES	Hydraulically actuated, wet, multiple-disc brakes actuated on four wheels.
PARKING BRAKE	Wet, multiple-disc, hydraulically-released, spring applied in the transmission.



STEERING SYSTEM

TYPE	Articulated type, full-hydraulic power steering.
STEERING ANGLE	40° each direction.
TURNING RADIUS OUTSIDE CORNER OF BUCKET AND TEETH	14,505 mm.



BUCKET CONTROLS

CONTROL POSITIONS:	
BOOM	Raise, hold, lower, and float.
BUCKET	Tilt-back, hold, and dump.



HYDRAULIC SYSTEM

RATED CAPACITY	
RATED CAPACITY (DISCHARGE FLOW)	
@1800 ENGINE RPM:	
LOADER PUMP	1,018 L/min.
STEERING PUMP	633 L/min.
SWITCH PUMP	633 L/min.
RELIEF VALVE SETTING	31.4 MPa 320 kgf / cm ² .
CONTROL VALVES	A double spool closed-center hydraulic valve and a steering valve combined with a demand valve to provide optimum flow.

Hydraulic cylinders	Number of cylinders	Bore	Stroke
Boom	2	360 mm	1,835 mm
Bucket	2	300 mm	985 mm
Steering	2	225 mm	660 mm

CONTROL POSITIONS:

BOOM	Raise, hold, lower, and float.
BUCKET	Tilt-back, hold, and dump hydraulic cycle time (Rated load in bucket).
RAISE	15.4 s.
DUMP	3.3 s.
LOWER (EMPTY)	5.3 s.



ROPS / FOPS & CAB

Structure complies with ISO 3471 ROPS (Roll-over protective structure) standards, as well as ISO 3449 FOPS (Falling object protective structure) standards. The cab is mounted on viscous damping mounts and is well insulated.



SERVICE REFILL CAPACITIES

COOLING SYSTEM	570 L.
FUEL TANK	5,100 L.
ENGINE	280 L.
HYDRAULIC SYSTEM	1,300 L.
DIFFERENTIAL, FINAL DRIVE (EACH AXLE)	670 L.
TORQUE CONVERTER AND TRANSMISSION	350 L.
BRAKE OIL	75 L.
BRAKE COOLING	290 L.



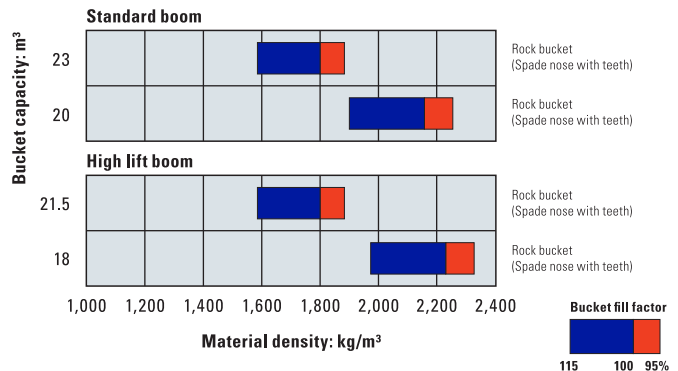
TIRES

SELECT PROPER TIRES	
BASED ON JOB REQUIREMENTS:	
Standard rim size	47.00-57/5.0.
Standard tire size	60/80R57.



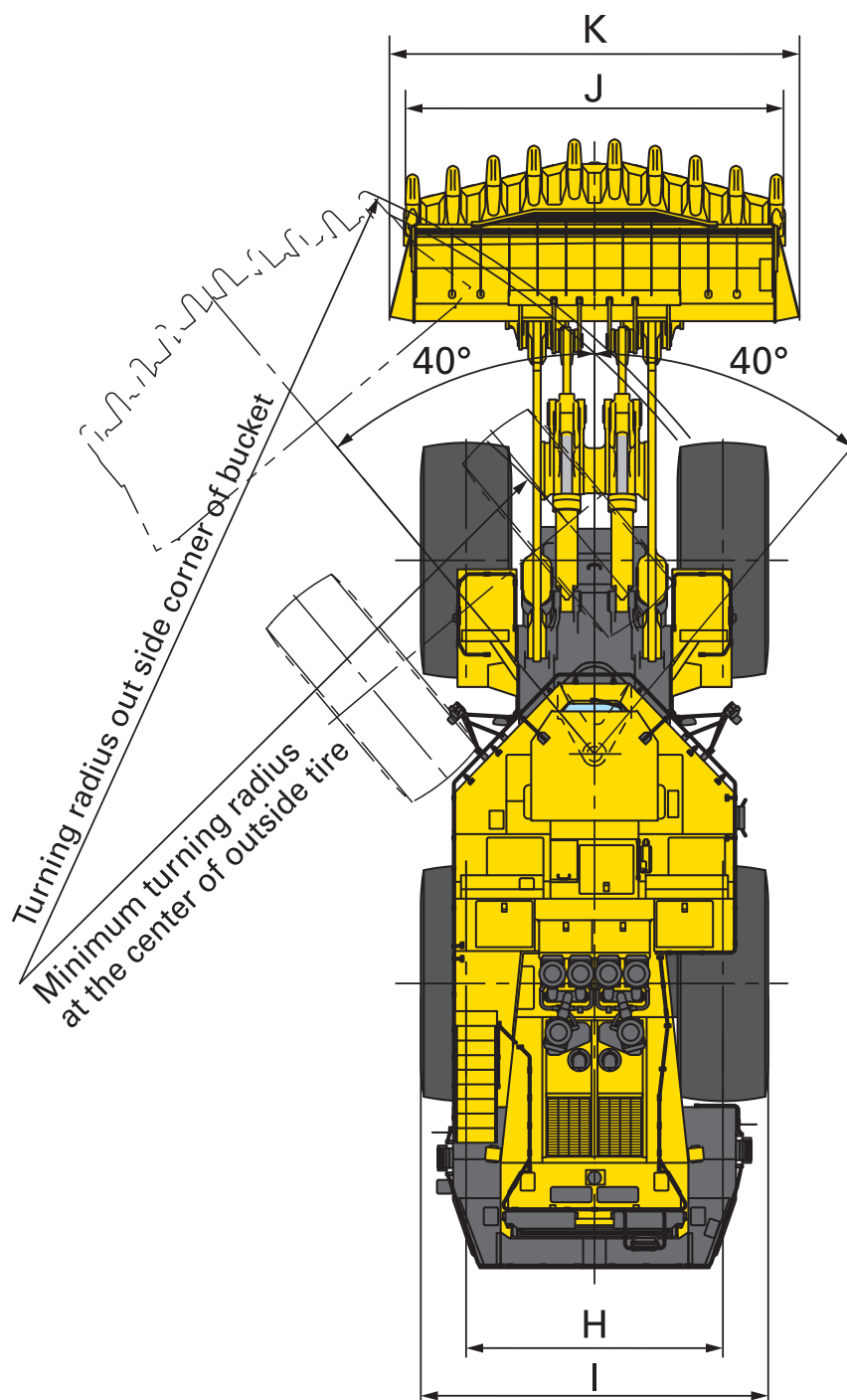
UPGRADE

BUCKET SELECTION GUIDE



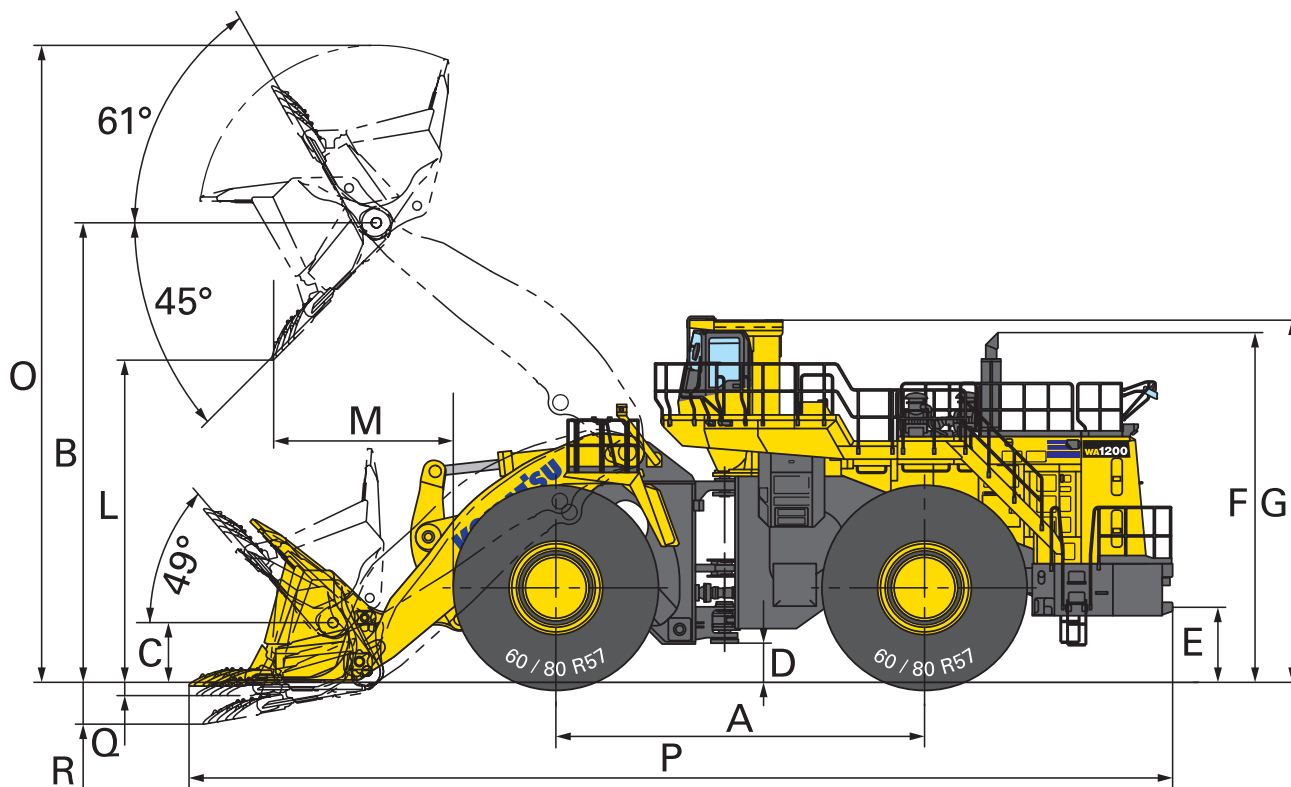


DIMENSIONS





DIMENSIONS



		Standard boom		High lift boom	
		60/80R57	58/85-57-84PR	60/80R57	58/85-57-84PR
H	Tread	4,300 mm	4,300 mm	4,300 mm	4,300 mm
I	I Width over tires	5,820 mm	5,720 mm	5,820 mm	5,720 mm
A	Wheelbase	7,100 mm	7,100 mm	7,100 mm	7,100 mm
B	Hinge pin height, max. height	8,850 mm	8,855 mm	9,535 mm	9,540 mm
C	Hinge pin height, carry position	1,150 mm	1,150 mm	1,400 mm	1,400 mm
D	Ground clearance	760 mm	765 mm	760 mm	765 mm
E	Hitch height	1,415 mm	1,420 mm	1,415 mm	1,420 mm
F	Overall height, top of the stack	6,735 mm	6,740 mm	6,735 mm	6,740 mm
G	Overall height, ROPS cab	6,970 mm	6,975 mm	6,970 mm	6,975 mm



DIMENSIONES

		Standard boom				High lift boom			
		60/80 R57				60/80 R57			
		Rock bucket	Rock bucket	Rock bucket	Coal bucket	Rock bucket	Rock bucket	Rock bucket	Coal bucket
		Spade nose with teeth	Spade nose with teeth	Spade nose with teeth	Spade nose without teeth	Spade nose with teeth	Spade nose with teeth	Spade nose with teeth	Spade nose without teeth
	Bucket capacity (Heaped)	16.5 m ³	20.0 m ³	23.0 m ³	35.0 m ³	16.5 m ³	18.0 m ³	21.5 m ³	35.0 m ³
	(Struck)	13.7 m ³	17.2 m ³	19.1 m ³	30.2 m ³	13.7 m ³	15.0 m ³	17.7 m ³	30.2 m ³
	Material density at 100% fill factor	2,630 kg/m ³	2,130 kg/m ³	1,800 kg/m ³	1,170 kg/m ³	2,430 kg/m ³	2,210 kg/m ³	1,800 kg/m ³	1,070 kg/m ³
J	Bucket width	6,400 mm	6,400 mm	6,400 mm	6,400 mm	6,400 mm	6,400 mm	6,400 mm	6,400 mm
K	Bucket width with tire protector	6,555 mm	6,555 mm	6,880 mm	—	6,555 mm	6,555 mm	6,880 mm	—
	Bucket weight	22,100 kg	22,900 kg	24,200 kg	24,600 kg	22,100 kg	22,300 kg	23,500 kg	24,600 kg
L	Dumping clearance, max. height and 45° dump angle	6,740 mm	6,335 mm	6,195 mm	6,310 mm	7,420 mm	7,155 mm	6,945 mm	6,985 mm
M	Reach at max. height and 45° dump angle	3,210 mm	3,400 mm	3,470 mm	3,515 mm	3,020 mm	3,140 mm	3,210 mm	3,375 mm
O	Operating height (Fully raised)	11,985 mm	12,195 mm	12,265 mm	12,980 mm	12,670 mm	12,770 mm	12,880 mm	13,655 mm
P	Overall length (Bucket on ground)	18,540 mm	18,815 mm	18,915 mm	18,950 mm	18,980 mm	19,155 mm	19,255 mm	19,390 mm
	Loader clearance circle *1	28,690 mm	28,920 mm	29,010 mm	29,020 mm	29,090 mm	29,240 mm	29,320 mm	29,465 mm
Q	Digging depth: 0°	255 mm	255 mm	255 mm	145 mm	255 mm	255 mm	255 mm	145 mm
R	10°	755 mm	805 mm	820 mm	700 mm	755 mm	785 mm	805 mm	700 mm
	Static tipping load: Straight	116,600 kg	115,800 kg	114,500 kg	114,100 kg	105,000 kg	104,800 kg	103,600 kg	102,500 kg
	40° full turn	103,000 kg	102,200 kg	100,900 kg	100,500 kg	93,100 kg	92,900 kg	91,700 kg	90,600 kg
	Breakout force	1,323 kN 135,000 kgf	1,178 kN 120,200 kgf	1,134 kN 115,600 kgf	944 kN 96,200 kgf	1,275 kN 130,100 kgf	1,182 kN 120,600 kgf	1,135 kN 115,800 kgf	944 kN 92,600 kgf
	Operating weight	216,200 kg	217,000 kg	218,300 kg	218,700 kg	218,100 kg	218,300 kg	219,500 kg	220,600 kg

*1 Measured with bucket at carry position, outside corner of bucket.

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 canopy, air conditioner, bucket and operator.

Machine stability and operating weight are affected by counterweight, or ballast, tire size, and other attachments.

Use either counterweight or ballast, not both. 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
		STD boom	Hi-lift boom	STD boom	Hi-lift boom			
	Kg	Kg	Kg	Kg	Kg	mm	mm	mm
60/80 R57	0	0	0	0	0	5,820	760	0
58/85-57-84PR	+820	+600	+540	+520	+470	5,720	765	+5



STANDARD EQUIPMENT

- »2-spool valve for boom and bucket controls.
- »6,550 mm boom.
- »Alternator, 24 V/140 A.
- »AM/FM radio.
- »Air conditioner, heater, defroster & pressurizer.
- »Automatic greasing system.
- »Automatic transmission F3 / R3.
- »Axles, full floating.
- »Back-up alarm.
- »Back-up light.
- »Batteries, 6 x 12 V/160 Ah.
- »Battery disconnect switch.
- »Boom kick-out, automatic and adjustable.
- »Brakes:
 - Service: wet, multiple-disc.
 - Parking: wet, multiple-disc.
- »Bucket positioner.
- »Cab with ROPS / FOPS (ISO 3471 / ISO 3449) canopy.
- »Converter, 5 amps 12 volt.
- »Counterweight, standard.
- »Dualmode active working system.
- »Electromagnetic proportional control fingertip control levers with automatic leveler and positioner.
- »Electronic display / Multi monitor.
- »Emergency engine stop switch.
- »Engine, Komatsu SSDA16V160E-2 diesel.
- »Fenders, front and left rear.
- »Floor mat.
- »Hard water area arrangement (Corrosion resister).
- »Horn, electric.
- »KOMTRAX® Plus.
- »Lights:
 - Backup light.
 - Head lights (4 front).
 - Stop and tail.
 - Turn signal with hazard switch (2 front, 2 rear).
 - Working lights (6 front, 8 rear).
 - Access stairs and service area light.
- »Load meter.
- »Power windows.
- »Rear access stairs.
- »Rearview mirror and rear underview mirror mounted to radiator guard.
- »Rims, 47.00-57/5.0.
- »Room mirror.
- »Seat belt, 76 mm with retractor.
- »Seat, air suspension with reclining.
- »Secondary brake.
- »Secondary steering (ISO 5010).
- »Starting motor, 2 x 24 V/9.0 kW.
- »Steering, full hydraulic power (Joystick steering control).
- »Sun visor.
- »Tire saver (Modulation clutch controlled).
- »Vandalism protection kit.
- »Water separator.
- »Wiggins fast fuel fill.
- »Wiggins fast oil fill.
- »Wind washer, front and rear.
- »Wipers, front and rear, front intermittent.



OPTIONAL EQUIPMENT

- »Boom:
 - 6,900 mm boom.
- »Buckets:
 - 23.0 m³ spade nose rock.
 - 21.5 m³ spade nose rock (Both with hensley system).
 - 35.0 m³ coal.
 - Various hensley buckets.
- »Cold weather arrangement.
- »Fire extinguisher.
- »Front fender handrails.
- »Hensley large-scale teeth.
- »LED turn signal.
- »LED working lights.
- »Power train guard.
- »Radiator core protective grid.
- »Rear view monitor.
- »Rims:
 - 44.00-57/6.0.
 - 47.00-57/6.0.
- »Service center.
- »Trainer seat.
- »Yellow rotating lamp.

**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

»ABNORMALITY CODES

Display of the fault codes presented in the equipment on a daily and monthly basis.

»TRENDS

Time-graftable curves to evaluate the condition of major components such as engine, transmissions, torque converter, propulsion system, etc.

»LOAD METER

Payload meter (PLM), with the detail of each load cycle indicating the total of tons loaded and the cycle times.

»SERVICE METER READING

Daily advance of the hours of the equipment, which allows planning maintenance and replacement of components.

»REPORTING

Together with the Distributor, condition reports and operational practices can be defined to ensure correct equipment performance.

»FUEL CONSUMPTION

Daily average in L/h.

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



Product designs, specifications and/or data in this document are provided for informational purposes only and are not warranties of any kind. Product designs and/or specifications may be changed at any time without notice. The only warranties that apply to sales of products and services are standard written warranties, which will be furnished upon request.

Komatsu, and related logo are trademarks of Komatsu Ltd. or one of its affiliates.

© 2017 Komatsu Ltd. or one of its affiliates. All rights reserved.



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

KLAT-EQ049/01-2019

