

# KOMATSU®

# WA270-8

EPA Tier 4 Final Engine

Australia & New Zealand Specifications

**WHEEL LOADER**

WA270



Photos may include optional equipment.

**NET HORSEPOWER**

111 kW/149 HP @ 2000 rpm

**OPERATING WEIGHT**

12,795 – 13,190 kg

**BUCKET CAPACITY**

1.9 – 2.7 m<sup>3</sup>

# WALK-AROUND

WA270-8



Photos may include optional equipment.

## NET HORSEPOWER

111 kW/149 HP @ 2000 rpm

## OPERATING WEIGHT

12,795 – 13,190 kg

## BUCKET CAPACITY

1.9 – 2.7 m<sup>3</sup>

## HIGH PRODUCTION WITH LOW FUEL CONSUMPTION

### Proven, Fourth Generation Hydrostatic Transmission:

- Quick Acceleration
- Dynamic Braking
- Variable Speed Traction Control
- Creeping Mode

**Komatsu SmartLoader Logic** helps reduce fuel consumption with no decrease in production.

A powerful **Komatsu SAA6D107E-3 engine** provides a net output of 111 kW 149 HP with up to 12% improved fuel consumption. This engine is EPA Tier 4 Final emissions certified.

**Variable Geometry Turbocharger (VGT)** is hydraulically actuated to provide optimum air flow under all speed and load conditions. This Tier 4 Final version has improved performance.

**Komatsu Diesel Particulate Filter (KDPF) and Selective Catalytic Reduction (SCR) systems** reduce particulate matter and NOx while providing automatic regeneration that does not interfere with daily operation.

### Ample cooling capacity

- Auto-reversing fan is standard
- Wider core coolers

### Fluid neutral or better

Combined fuel and DEF consumption is less than the WA250-6 fuel consumption.

**Spacious cab** provides the operator with improved comfort and visibility.

### New high resolution monitor panel:

- Enhanced and intuitive on-board diagnostics
- Integrated with KOMTRAX Level 5
- Integrated with Komatsu Tier 4 Final technology

**Rearview monitoring system is standard.**



**New high capacity air suspension seat with heat is standard.**

### Energy saving guidance:

- Six operator guiding messages
- Enhanced ecology gauge

**Komatsu auto idle shutdown** helps reduce idle time and operating costs.

**Remote boom positioner** can set kickout.

**Versatile Parallel Z-bar (PZ) linkage** for parallel lift.

**Variable displacement piston pumps with Closed-Center Load Sensing System (CLSS)** help reduce fuel consumption.

**KOMTRAX®** equipped machines send location, SMR and operation maps to a secure website or smart phone via wireless technology. Machines also relay error codes, cautions, maintenance items, fuel & Diesel Exhaust Fluid (DEF) levels, and much more.

**Operator identification system** tracks machine operation for up to 100 operators.

# PERFORMANCE FEATURES

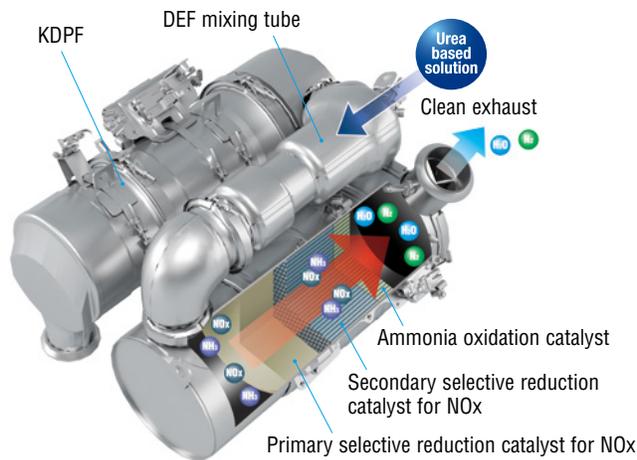
## KOMATSU NEW ENGINE TECHNOLOGIES

### New Tier 4 Final Engine

The Komatsu SAA6D107E-3 engine is EPA Tier 4 Final emissions certified, reduces fuel consumption, and provides exceptional performance. Based on Komatsu proprietary technologies developed over many years, this new diesel engine reduces nitrogen oxides (NOx) by more than 80% compared to Tier 4 interim levels.

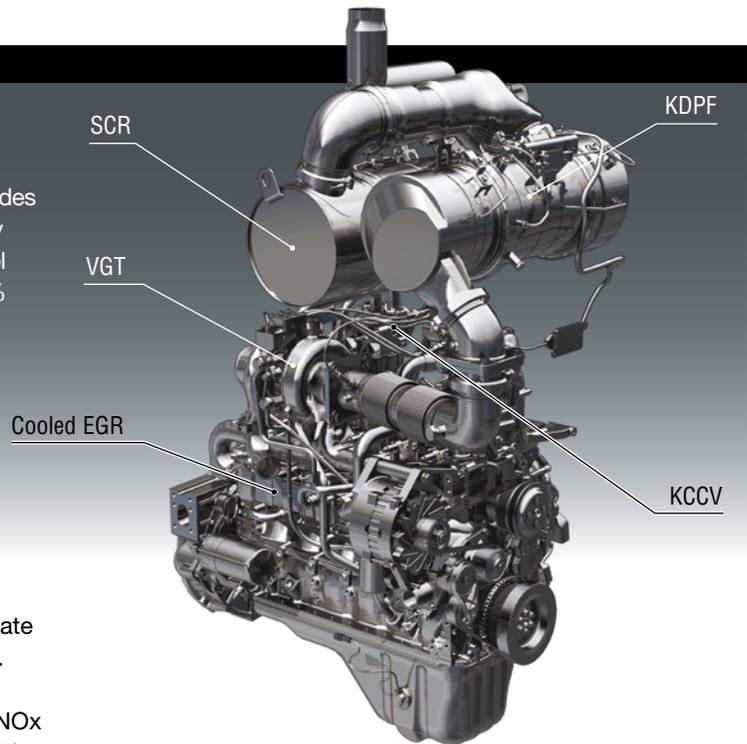
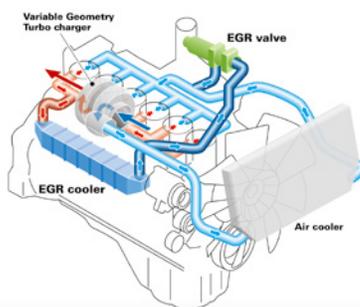
### Technologies Applied to New Engine Heavy-Duty After Treatment System

This new system combines a Komatsu Diesel Particulate Filter (KDPF) and Selective Catalytic Reduction (SCR). The SCR NOx reduction system injects the precise amount of Diesel Exhaust Fluid (DEF) to break down NOx into non-toxic water vapour (H<sub>2</sub>O) and nitrogen gas (N<sub>2</sub>).



### Heavy-Duty Cooled Exhaust Gas Recirculation (EGR) System

The system recirculates a portion of exhaust gas into the air intake and lowers combustion temperatures, thereby reducing NOx emissions. EGR gas flow is lower for Tier 4 Final with the addition of SCR technology. The system dramatically reduces NOx, while helping cut fuel consumption below Tier 4 Interim levels.

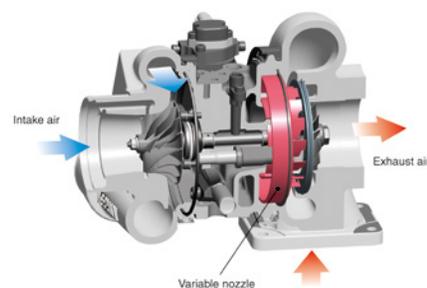


### Advanced Electronic Control System

An improved electronic control system more effectively manages engine parameters such as airflow rate, EGR gas flow rate, fuel injection parameters, and after treatment function. The control system also provides enhanced diagnostics through the monitor panel. Additionally, managing information via KOMTRAX helps customers track required maintenance.

### Variable Geometry Turbocharger (VGT) system

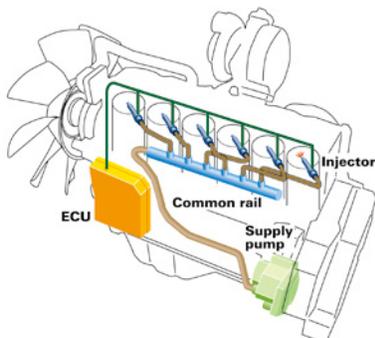
The VGT features proven Komatsu-designed hydraulic technology for robust and accurate control under all speed and load conditions for optimal engine performance. The VGT also provides precise exhaust temperature control for efficient KDPF regeneration. The Tier 4 Final version has a smaller impeller for improved performance.



WA270-8

### Heavy-Duty High-Pressure Common Rail (HPCR) fuel injection system

The system is specifically designed to achieve the optimal injection of fuel for near-complete combustion, which helps reduce Particulate Matter (PM) emissions.



### Komatsu SmartLoader Logic

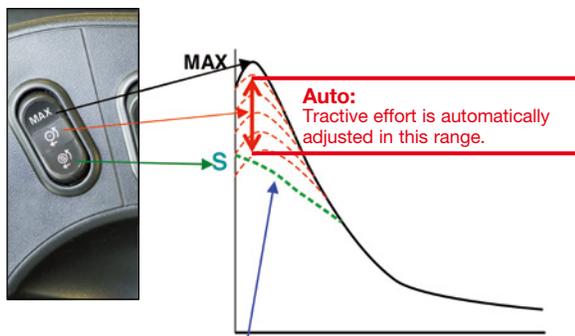
The WA270-8 features Komatsu SmartLoader Logic, which controls engine torque to match machine demands. For example, engine torque needs are higher for digging in V-shape loading, but lower when driving with an empty bucket. This system optimises the engine torque for all applications to minimise fuel consumption. Komatsu SmartLoader Logic functions automatically and doesn't interfere with operation, saving fuel without decreasing production.

### Hydrostatic Transmission (HST)

The HST provides quick travel response and aggressive drive into the pile. Full auto-shifting eliminates any gear shifting and kick-down operation to allow the operator to concentrate on the digging and loading. The HST also acts as a dynamic brake to slow the loader. This dramatically extends the life of the wet disc brakes.

### Variable Traction Control System

The variable traction control system is designed to adjust the traction control for each working condition. S-mode reduces tyre spin in slippery or snowy conditions. Auto-mode automatically optimises the tractive effort for various working conditions. Max traction provides the full, 100%, tractive effort.



**S-mode:**  
Improve tire slip ratio on snowy or slippery road condition

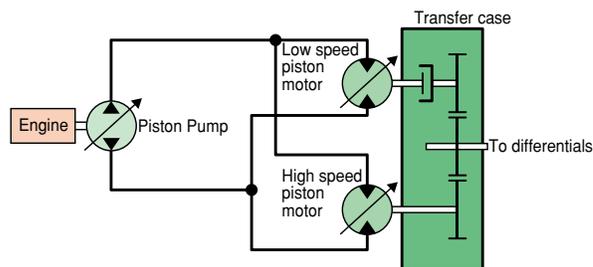
### Creep Mode

Creep mode limits the travel speed in 1st speed range, while still allowing for full hydraulic flow.



### Closed-Center Load Sensing System (CLSS)

The one-pump, two-motor system utilises a Closed-Centre Load Sensing System (CLSS) pump. This system minimises hydraulic loss for better fuel economy by delivering only as much flow as the job requires.



### Komatsu Auto Idle Shutdown

In order to reduce unwanted idle time, Komatsu offers Komatsu auto idle shutdown. This function will shut the engine off and apply the parking brake and hydraulic lock after a preset idle time limit.



# OPERATOR ENVIRONMENT



WA270-8

## New Operator Seat

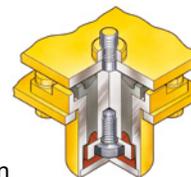
A new standard, heated, air-suspension seat provides enhanced support on rough roads and dampens machine vibrations, providing a more comfortable ride for the operator. The angle of the armrest is fully adjustable for optimum operator comfort. A secondary F-N-R switch is incorporated into the standard multi-function mono lever.



## Low Noise Design

Operator's ear noise level: 68 dB(A)  
Dynamic noise level (outside): 104 dB(A)

The large ROPS/FOPS cab is mounted with Komatsu's unique 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, comfortable operating environment.



## Tiltable / Telescopic Steering Wheel

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



## Increased Cab Storage Area

The WA270-8 cab features a storage box on each side of the cab to allow the operator to store items such as a beverage or lunch.





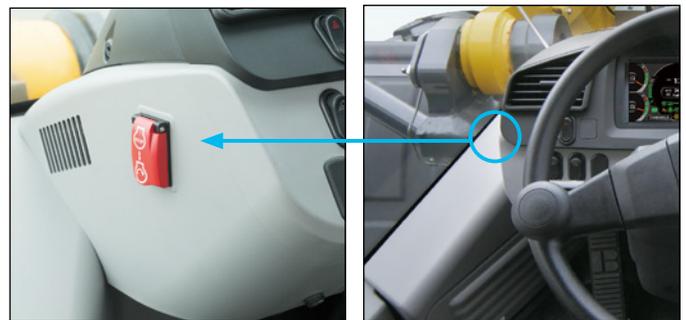
**Standard Rear View Monitoring System**

The dedicated, full-colour monitor on the right side of the cab provides the operator with a rear view from the machine. This monitor can be always on or only on when the loader shifts into reverse. Guidelines provide the operator with visual cues for the width of the loader.



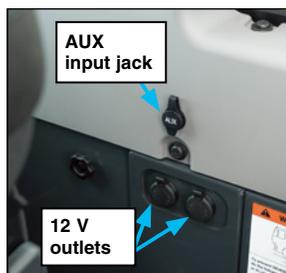
**Engine Shutdown Secondary Switch**

The engine stop switch enables machine shutdown when accessing the key switch is not possible.



**Auxiliary Input (MP3 Jack) 12 V Outlets**

An Aux input for audio devices is standard as well as two 12 volt outlets. These are all located on the rear wall of the cab.



**Emergency Stop**

The cabin E-Stop provides the operator with immediate access from the operator's seat and is located on the RHS forward cabin pillar.



# OPERATOR ENVIRONMENT



## Easy Entry and Exit

The WA270-8 has an inclined ladder with wide steps and well-placed hand holds to ease entry and exit from the cab. The door latch can be reached from ground level to ease opening and closing the door.

## Electronically Controlled Suspension System

The standard Electronically Controlled Suspension System or ride control system uses an accumulator, which absorbs some of the shock in the boom arm, giving the operator a much smoother ride. This reduces operator fatigue and reduces material spillage during load and carry operations. Ride control is speed sensitive and the activation speed can be adjusted in the monitor panel.

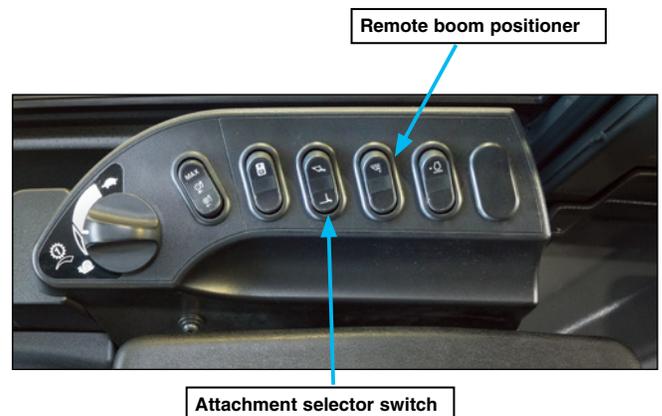
## Multi-Function Mono Lever (Optional)

The multi-function mono lever with EPC control for 3rd spool is standard. It includes a forward-neutral-reverse switch for quick and easy travel. Third spool attachments can be set to continual or proportional control via the monitor panel. This allows the operator to control the boom, bucket and attachment, all with a single lever.



## Remote Boom Positioner

The operator can set the upper boom limit from the cab.



## Attachment Selector Switch

Coupler equipped machines, which use buckets and forks, require a different flat level setting when switching between attachments. The attachment selector switch found in coupler equipped machines tells the loader which flat level to use.

# INFORMATION & COMMUNICATION TECHNOLOGY

## New High Resolution LCD Monitor Panel

The new seven inch colour LCD monitor panel displays operational information, ecology guidance and maintenance records. Information such as traction mode, coolant temp, oil and fuel levels are easy to read and help keep the operator informed of the machine's settings and conditions.

### Machine monitor

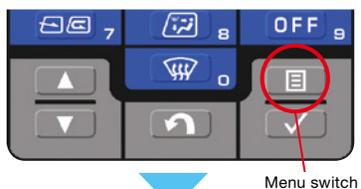
- 1 LCD unit
- 2 LED unit
- 3 Engine tachometre
- 4 Speedometre
- 5 Ecology gauge
- 6 Air conditioner display
- 7 Traction level
- 8 Engine coolant temperature gauge
- 9 Fuel gauge
- 10 HST oil temperature gauge
- 11 Variable speed display
- 12 Message pilot lamp
- 13 Pilot lamps
- 14 DEF level gauge

### Switch panel

- 1 Air conditioner switches / Numeral key pad
- 2 Function switches

## Visual user menu

Pressing the menu button on the switch panel accesses the user-menu screen. The menus are grouped by function, with easy-to-understand, intuitive icons for easier machine operation.



- 1 Energy saving guidance
- 2 Machine settings
- 3 Aftertreatment devices regeneration
- 4 SCR information
- 5 Maintenance
- 6 Monitor setting
- 7 Mail check



## Operator identification function

An operator identification (ID) code can be set for each operator, and used to manage operation information of individual machines through KOMTRAX. Data sent from KOMTRAX can be used to analyse operation status by operator job, as well as by machine.



## Monitor Panel with troubleshooting function minimises downtime

Various metres, gauges and warning functions are centrally arranged on the monitor panel. The monitor simplifies start-up inspection and warns the operator with a lamp and buzzer if any abnormalities occur. Warnings are indicated in four levels, which the operator must acknowledge and clear. Replacement times for oil and filters are also indicated.



# MAINTENANCE FEATURES

WA270-8



## Automatic Greasing System

4 kg reservoir.



## Side-opening Gull-wing Engine Doors

The large, gull-wing-type engine doors require minimal effort to open and close, thanks to gas assisted struts. The doors make access and daily maintenance easy.

Large steps on each side of the frame also enhance accessibility.



## Auto Reversing Fan

The engine cooling fan is hydraulically driven. It can be set to reverse automatically during operation. Fan reverse mode and timing can be controlled through the monitor.



## Swing-Out Type Cooling Fan and Wide Core Radiator

The cooling fan swings out for easier cleaning. The coolers feature wide-spaced cooling fins to reduce clogging.



## DEF Tank

The DEF tank is easily accessed behind the RH side ladder. An external sight gauge helps prevent overflow and spillage while refilling.



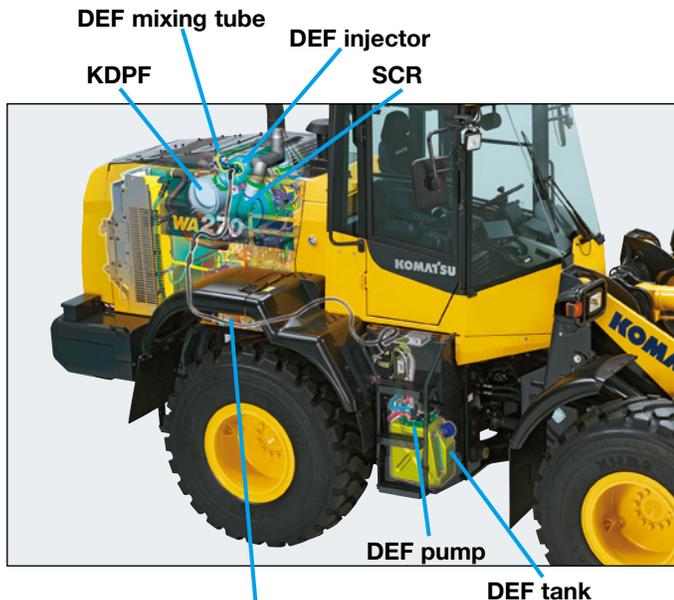
## Battery Isolation Switch

The battery isolation switch is located on the right side of the machine. This can be used to disconnect power when performing service work on the machine.



### Engine Compartment

The WA270-8 engine compartment is designed for easy serviceability. Placement of maintenance items, such as filters, dipsticks, and oil-fill locations are laid out for easy-to-reach, ground-level access.



Engine oil dipstick Fuel filter Engine oil fill

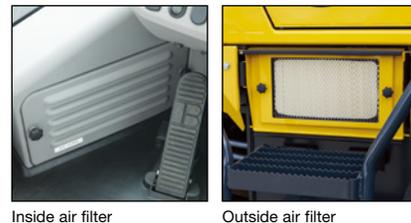
### Rear Full Fenders

The rear fenders open upward and use gas-assist struts, which require low lift force. The fenders swing up with the gull-wing doors to give the technician easy access to the engine compartment. Mud flaps are also included on the rear fenders.



### Cab Air Filter

The inside and outside air filters can be replaced easily without the need for tools. The outside filter is located behind a lockable door for security.



Inside air filter

Outside air filter

### Engine Air Cleaner and Pre-Cleaner

Turbo II centrifugal type pre-cleaner for extended filter life and engine protection is standard.



### Wheel Chocks

Steel type wheel chocks for safe parking during service work.



## Maintenance Information

### “Maintenance time caution lamp” display

When the time before required maintenance dips below 30 hours\*, the maintenance-time monitor appears. Pressing the menu switch displays the maintenance screen.

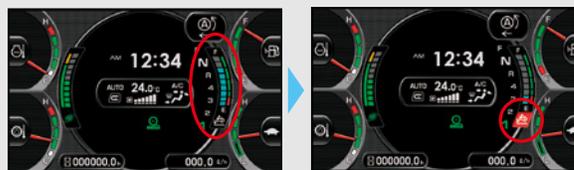
\* : The setting can be changed within the range between 10 and 200 hours.



Maintenance screen

### Supports DEF level and refill timing

The DEF level gauge is displayed continuously on the monitor panel. In addition, when the refill timing is reached, the DEF-low-level icon appears to alert the operator.



DEF level gauge

DEF low level guidance

# KOMTRAX EQUIPMENT MONITORING

GET THE WHOLE STORY WITH  
**KOMTRAX**<sup>®</sup>

## ✓ WHAT

- KOMTRAX is Komatsu's remote equipment monitoring and management system
- KOMTRAX **continuously monitors and records** machine health and operational data
- Information such as fuel consumption, utilisation, and a detailed history **lowering owning and operating cost**

## ✓ WHEN

- Know when your machines are **running or idling** and make decisions that will improve your fleet utilisation
- Detailed movement records ensure you know when and where your equipment is moved
- Up to date records allow you to **know when maintenance is due** and help you plan for future maintenance needs

## ✓ WHERE

- KOMTRAX data **can be accessed virtually anywhere** through your computer, the web or your smart phone
- Automatic alerts keep fleet managers up to date on the latest machine notifications

## ✓ WHY

- Knowledge is power - **make informed decisions** to manage your fleet better
- Knowing your idle time and fuel consumption will help maximise your machine efficiency
- **Take control of your equipment** - any time, anywhere

## ✓ WHO

- KOMTRAX is **standard** equipment on all Komatsu construction products



**KOMTRAX**<sup>®</sup>

For construction and compact equipment.

**KOMTRAX Plus**<sup>®</sup>

For production and mining class machines.

# SPECIFICATIONS



## ENGINE

Model ..... Komatsu SAA6D107E-3\*  
 Type ..... Water-cooled, 4-cycle  
 Aspiration ..... Variable geometry turbo-charged, after-cooled, cooled EGR  
 Number of cylinders ..... 6  
 Bore ..... 107 mm  
 Stroke ..... 124 mm  
 Piston displacement ..... 6.69 ltr  
 Governor ..... All-speed, electronic  
 Horsepower:  
 SAE J1995 ..... Gross 115 kW 153 HP  
 ISO 9249 / SAE J1349 ..... Net 111 kW 149 HP  
 Rated rpm ..... 2000 rpm  
 Max power - ISO 14396 ..... 111 kW 149 HP @ 1650 rpm  
 Fan drive method for radiator cooling ..... Hydraulic  
 Fuel system ..... Direct injection  
 Lubrication system:  
 Method ..... Gear pump, force-lubrication  
 Filter ..... Full-flow type  
 Air cleaner ..... Dry type with double elements and dust evacuator, plus dust indicator

\*EPA Tier 4 Final emissions certified



## TRANSMISSION

Transmission ..... Hydrostatic, 1 pump, 2 motors with speed range select

Travel speed	Forward	Reverse
1st	1.0 – 13.0 km/h	1.0 – 13.0 km/h
2nd	13.0 km/h	13.0 km/h
3rd	19 km/h	19 km/h
4th	38.0 km/h	38.0 km/h

Measured with 20.5-R25 tyres



## AXLES AND FINAL DRIVES

Drive system ..... Four-wheel drive  
 Front ..... Fixed, semi-floating  
 Rear ..... Centre-pin support, semi-floating, 24° total oscillation  
 Reduction gear ..... Spiral bevel gear  
 Differential gear ..... Torque proportioning  
 Final reduction gear ..... Planetary gear, single reduction



## BRAKES

Service brakes ..... Hydraulically actuated, wet disc brakes actuate on four wheels  
 Parking brake ... Wet, multi-disc brake on transfer output shaft  
 Secondary brake ..... Parking brake is commonly used



## STEERING SYSTEM

Type ..... Articulated type, fully-hydraulic power steering  
 Steering angle ..... 38° each direction (40° to max end stop)  
 Minimum turning radius at the center of outside tyre ..... 5175 mm



## HYDRAULIC SYSTEM

Steering system:  
 Hydraulic pump ..... Piston pump, in common with loader control  
 Capacity ..... 150 ltr/min at rated rpm  
 Relief valve setting ..... 20.6 MPa 210 kgf/cm<sup>2</sup>  
 Hydraulic cylinders:  
 Type ..... Double-acting, piston type  
 Number of cylinders ..... 2  
 Bore x stroke ..... 70 mm x 453 mm  
 Loader control:  
 Hydraulic pump ..... Piston pump, in common with steering system  
 Capacity ..... 150 ltr/min at rated rpm  
 Relief valve setting ..... 31.4 MPa 320 kgf/cm<sup>2</sup>  
 Hydraulic cylinders:  
 Type ..... Double-acting, piston type  
 Number of cylinders—bore x stroke:  
 Lift cylinder ..... 2 – 110 mm x 717 mm  
 Bucket cylinder ..... 1 – 140 mm x 480 mm  
 Control valve ..... 2-spool type  
 Control positions:  
 Boom ..... Raise, hold, lower, and float  
 Bucket ..... Tilt-back, hold, and dump  
 Hydraulic cycle time (rated load in bucket):  
 Raise ..... 6.0 sec  
 Dump ..... 2.0 sec  
 Lower (Empty) ..... 3.2 sec

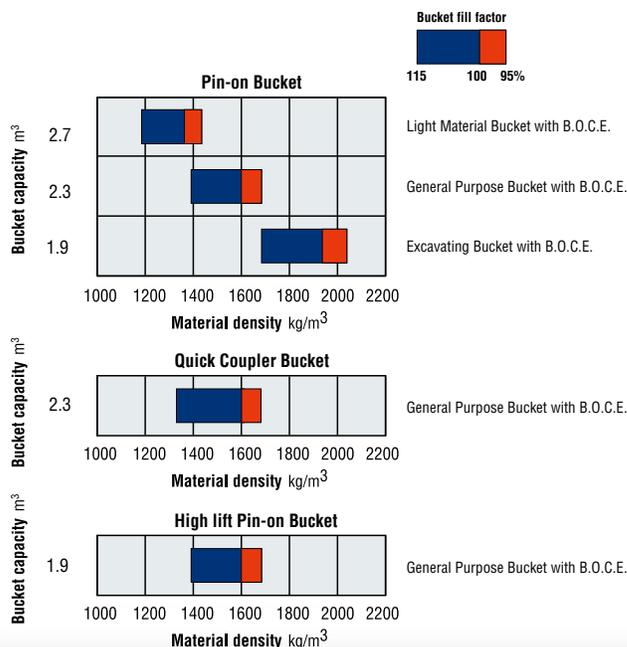


## SERVICE REFILL CAPACITIES

Cooling system ..... 33.3 ltr  
 Fuel tank ..... 186 ltr  
 Engine ..... 23 ltr  
 Hydraulic system ..... 80 ltr  
 Axle front ..... 18.5 ltr  
 Axle rear ..... 18.0 ltr  
 Transfer case ..... 7 ltr  
 DEF tank ..... 14 ltr



## BUCKET SELECTION GUIDE

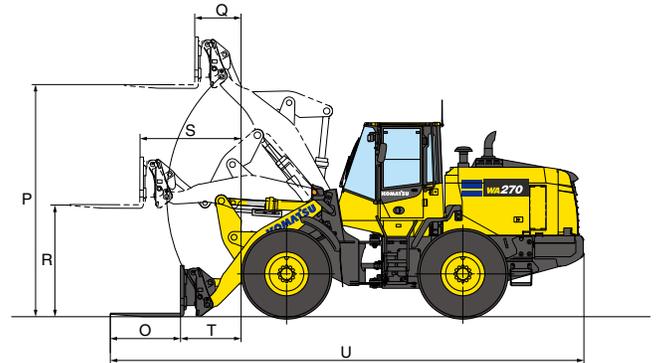
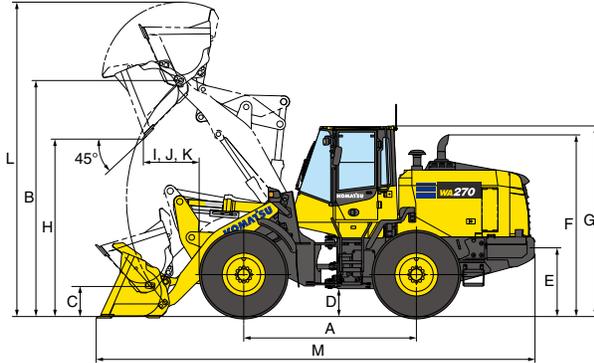


# SPECIFICATIONS



## DIMENSIONS

Measured with 20.5-R25(L3) tyres, ROPS/FOPS cab



Tread		1930 mm
Width over tyres		2505 mm
A Wheelbase		2900 mm
B Hinge pin height,	Standard Boom	3965 mm
max. height	High Lift Boom	4390 mm

C Hinge pin height,	Standard Boom	515 mm
carry position	High Lift Boom	630 mm
D Ground clearance		465 mm
E Hitch height		950 mm
F Overall height, top of the stack		3050 mm
G Overall height, ROPS cab		3200 mm

## BUCKET

	High Lift				
	General Purpose Bucket w/ Pin On	Excavating Bucket w/ Pin On	Light Material Bucket w/ Pin On	General Purpose Bucket w/ Quick Coupler	Excavating Bucket w/ Pin On
	B.O.C.E.	B.O.C.E.	B.O.C.E.	B.O.C.E.	B.O.C.E.
Bucket capacity: heaped	2.3 m <sup>3</sup>	1.9 m <sup>3</sup>	2.7 m <sup>3</sup>	2.3 m <sup>3</sup>	1.9 m <sup>3</sup>
struck	2.1 m <sup>3</sup>	1.6 m <sup>3</sup>	2.4 m <sup>3</sup>	2.1 m <sup>3</sup>	1.6 m <sup>3</sup>
Bucket width	2550 mm	2550 mm	2550 mm	2685 mm	2550 mm
Bucket weight	970 kg	885 kg	1030 kg	1075 kg	771 kg
H Dumping clearance, max. height and 45° dump angle*	2975 mm	3055 mm	2880 mm	2865 mm	3480 mm
I Reach at max. height and 45° dump angle*	945 mm	865 mm	1040 mm	1090 mm	966 mm
J Reach at 2130 mm 7" clearance and 45° dump angle*	1590 mm	1545 mm	1635 mm	1635 mm	1975 mm
K Reach with arm horizontal and bucket level*	2370 mm	2255 mm	2505 mm	2450 mm	2655 mm
L Operating height (fully raised)	5285 mm	5150 mm	5435 mm	5360 mm	5700 mm
M Overall length (bucket on ground)	7360 mm	7310 mm	7475 mm	7465 mm	7750 mm
Loader clearance circle (bucket at carry, outside corner of bucket)	12050 mm	11990 mm	12130 mm	12220 mm	12370 mm
Digging depth:					
0°	130 mm	130 mm	130 mm	110 mm	235 mm
10°	325 mm	310 mm	350 mm	320 mm	430 mm
Static tipping load: straight	10330 kg	10420 kg	10235 kg	9765 kg	9910 kg
40° full turn	8930 kg	9020 kg	8865 kg	8525 kg	8510 kg
Breakout force	131 kN	147 kN	116 kN	111 kN	154 kN
	13375 kgf	14965 kgf	11805 kgf	11370 kgf	15700 kgf
Operating weight	12880 kg	12795 kg	12940 kg	13190 kg	12910 kg

\* At the end of tooth or B.O.C.E.

All dimensions, weights, and performance values based on SAE J732c and J742b standards. Static tipping load and operating weight shown include lubricant, coolant, full fuel tank, ROPS cab and operator. Machine stability and operating weight affected by tyre size and attachments.

## FORK

	Fork With Quick Coupler
O Fork tine length	1220 mm
P Ground to top of tine at maximum lift	3825 mm
Q Reach at maximum lift	810 mm
R Ground to top of tine - boom and tine level	1840 mm
S Reach - boom and tine level	1715 mm
T Reach - tine level on ground	1055 mm
U Overall length - tine level on ground	7860 mm
Static tipping load - boom level: fork level, tine center	straight 7320 kg
	40° full turn 6405 kg
Operating weight	12905 kg

Operating load per SAE J1197 (Feb. 1991), 50% of static tipping load. Static tipping load and operating weight shown include lubricant, coolant, full fuel tank, ROPS cab and operator. Machine stability and operating weight affected by tyre size and attachments.



**WEIGHT CHANGES**

Tires or attachments	Change in operating weight	Change in tipping load		Width over tyres	Ground clearance	Change in vertical dimensions
		Straight	Full turn			
	kg	kg	kg	mm	mm	mm
Remove additional counterweight	-280	-515	-440	0	0	0



**STANDARD EQUIPMENT**

**ENGINE:**

- Automatic hydraulic-driven fan with automatic reverse rotation
- Engine Pre-cleaner, Turbo II
- Engine, Komatsu SAA6D107E-3 diesel
- Fuel pre-filter with separator
- Komatsu SmartLoader Logic
- Radiator mask, swing up
- Radiator, wider core

**ELECTRICAL SYSTEM:**

- Alternator, 90 A, 24 V
- Batteries, 92 Ah/12 V (2), 680 CCA
- Komatsu Auto Idle Shutdown
- Lights
  - Back-up light
  - Flashing Beacon, LED with Guard
  - Stop and tail light
  - Turn signal, 2 front and 2 rear with hazard switch
  - Working lights, halogen, 2 front cab mount
  - Working lights, halogen, 2 front fender mount
  - Working lights halogen, 2 rear grill mount
- Starting motor, 5.5 kW

**CAB:**

- 2 x DC12V electrical outlets
- Auto air conditioner
- Colour LCD/TFT multi-monitor
- Door LH and RH egress
- Electronically Controlled Suspension System (ECSS)

- Equipment Management Monitoring System (EMMS)
  - Lights (central warning, brake oil pressure, engine oil pressure, parking brake, cooling fan reverse, KDPF restriction, seat belt caution, Komtrax message)
  - Gauges (engine water temperature, ecology, fuel level, DEF level, HST oil temperature, speedometer/tachometer), variable speed display
- Floor mat
- Operator seat, reclining, air suspensions type, heated
- Radio, AM/FM with AUX input jack
- Rear defroster, electric
- ROPS/FOPS Cab Level 2
- Seatbelt, 2-point retractable, 76mm width
- Steering wheel, tilt and telescopic
- Sun visor, front window
- Windshield washer and wiper, front with intermittent
- Windshield washer and wiper, rear

**SAFETY EQUIPMENT:**

- Back-up alarm
- Battery isolation switch
- Colour rear view camera and monitor
- Emergency stop switches (3)
- Horn, electric
- Overcentre Safety Valves (Coupler model only)
- Parking brake, electric
- Rear view mirrors, outside (2) inside (2)

- Service brakes, wet disk type
- Wheel chocks, steel type

**TYRES:**

- 20.5-R25 tyres

**OTHER:**

- 2-spool valve for boom and bucket, lever control
- 3-spool valve, lever control (will utilise integrated proportional control switch included in the multi-function mono-lever) and piping
- Automatic greasing system
- Boom kick-out, in-cab adjustable
- Bucket positioner
- Counterweight, standard and additional
- Front fenders
- KOMTRAX® Level 5
- Lift cylinders and bucket cylinder
- Loader linkage with standard lift arm
- Multifunction mono-lever loader control with transmission F/R switch (optional)
- Quick coupler (Coupler model only)
- Rear full fenders
- Transmission speed ranges, 4 forward and 4 reverse
- Vandalism protection kit, padlocks for battery box (2)



**OPTIONAL EQUIPMENT**

- Additional LED Lighting
- Bluetooth Media system
- Clean Air Cab Pressurisation systems
- Fire Extinguishers
- Fire Suppression systems
- Hi Vis Decals
- High lift boom and bucket cylinder
- Limited slip differential (F&R)
- Powertrain Underguard
- Reverse Sensor
- SMART Alarm Broadband reverse alarm
- UHF/CB Radio
- Various bucket and fork options
- Various Scale Systems
- Window Tinting

WA270-8

[www.Komatsu.com.au](http://www.Komatsu.com.au)

Printed in Australia

**KOMATSU**<sup>®</sup>

Form No: ZESS004600\_AUGUST2018

Materials and specifications are subject to change without notice.  
**KOMATSU** is a trademark of Komatsu Ltd. Japan.