

KOMATSU

PW138MR-11



Midi-excavator

Engine power
72.6 kW / 97.3 HP @ 2050 rpm

Operating weight
13350-13950 kg

Bucket capacity
max. 0.40 m³

PW138MR-11

High versatility, low fuel consumption and
safe performance in tight spaces



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Powerful and environmentally friendly

- Low-consumption EU Stage V engine
- Integrated Diesel Particulate Filter (DPF) with 4500 SMR cleaning interval
- 6 selectable working modes
- Adjustable idle shutdown
- Komatsu fuel-saving technology

First-class comfort

- Spacious and comfortable cab
- Proportional control on joystick for auxiliary circuits
- Multifunction monitor with high resolution 7" LCD color display
- Attachment changeover via monitor



Total versatility

- Compact short tail design
- 4-wheel steering enabling 3 steering modes
- Excellent mobility in confined work spaces
- Innovative two-piece boom design
- Lehnhoff Powertilt available as factory fit
- Komatsu Integrated Attachment Control (KIAC) (option)
- 100% differential lock for better traction
- Trailer hitches (option)

Safety first

- LED working lights (standard)
- KomVision surround view system
- Protrusion over tyres just 240 mm
- Neutral position detection system
- Emergency engine stop switch
- Seat belt caution indicator

Easy maintenance

- Extended maintenance information displayed on the monitor
- Large access doors for maintenance
- Blade/stabiliser cylinders with integrated check valve

Komtrax

- Komatsu Wireless Monitoring System
- Integrated communication antenna
- 4G mobile communications
- Increased operational data and reports



Higher productivity

The PW138MR-11 is quick and precise. It features a powerful Komatsu EU Stage V engine, Komatsu's Closed Center Load Sensing (CLSS) hydraulic system and first-class Komatsu comfort to provide a fast response and unrivalled productivity for its class.

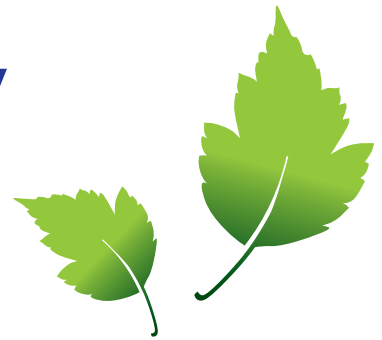
Komatsu fuel-saving technology

With enhanced engine management the PW138MR-11 is optimised for low fuel consumption. The variable speed matching of the engine and hydraulic pumps guarantee efficiency and precision during single and combined movements.

Adjustable idle shutdown

The Komatsu auto idle shutdown automatically turns off the engine after it idles for a set period of time. This feature can easily be programmed from 5 to 60 minutes, to reduce unnecessary fuel consumption and exhaust emissions, and to lower operating costs. An Eco-gauge and the Eco guidance tips on the cab monitor further encourage efficient operations.

Powerful and environmentally friendly

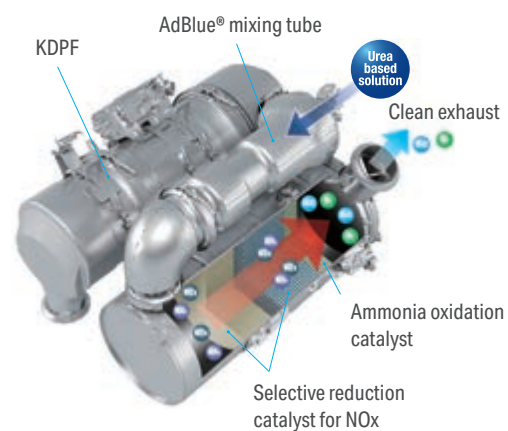


Komatsu EU Stage V

The Komatsu EU Stage V engine is productive, dependable and efficient. With ultra-low emissions, it provides a lower environmental impact and a superior performance to help reduce operating costs and lets the operator work in complete peace of mind.

Heavy-duty aftertreatment

The aftertreatment system combines a Komatsu Diesel Particulate Filter (KDPF) and Selective Catalytic Reduction (SCR). The SCR injects the correct amount of AdBlue® into the system at the proper rate to break down NOx into water (H₂O) and non-toxic nitrogen gas (N₂). NOx emissions are reduced by 80% vs. EU Stage IIIB engines.



High-Pressure Common Rail (HPCR)

To achieve complete fuel burn and lower exhaust emissions, the heavy-duty High-Pressure Common Rail fuel injection system is computer controlled to deliver a precise quantity of pressurised fuel into the redesigned engine combustion chamber by multiple injections.

Exhaust Gas Recirculation (EGR)

Cooled EGR is a technology well-proven in current Komatsu engines. The increased capacity of the EGR cooler now ensures very low NOx emissions and a better engine performance.

Komatsu Closed Crankcase Ventilation (KCCV)

Crankcase emissions (blow-by gas) are passed through a CCV filter. The oil mist trapped in the filter is returned back to the crankcase while the filtered gas is returned to the air intake.

Variable Flow Turbocharger (VFT)

Varies the intake airflow. The wheel speed of the exhaust turbine is controlled by a valve for optimum air flow to the engine combustion chamber, under any load or speed conditions. The exhaust gas is cleaner, with no reduction in power or performance.

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PW138MR-11



Easy operation

The PW138MR-11's operational concept puts full control of the machine at the operator's fingertips. Travel direction, undercarriage attachments, and manual axle lock can be actuated by switches on the control joysticks or the dashboard. Without removing the hand from the right joystick, the operator can switch its function from boom operation to undercarriage control for complete and precise control over the parallel dozer blade.



Work in tight spaces

The short-tail PW138MR-11 delivers optimal power and digging speed, even in confined spaces where traditional machines can't work: yards, road works, demolition sites, sewers, etc. Sturdy and very stable, it guarantees maximum safety and offers complete operator confidence in any working conditions. Protrusion over tyres is just 240 mm.

Safety first

Optimal jobsite safety

Safety features on the Komatsu PW138MR-11 comply with the latest industry standards and work in synergy to minimise risks to people in and around the machine. A neutral detection system for travel and work equipment levers increase jobsite safety, along with a seat belt caution indicator and an audible travel alarm. An optional 4th camera can further enlarge KomVision's angle of view, and improve the surroundings' visibility for the operator.



Safe maintenance

Thermal guards around high temperature areas of the engine, protected fan belt and pulleys, a pump/engine partition that prevents hydraulic oil from spraying onto the engine, and exceptionally sturdy handrails: in Komatsu tradition, the highest safety level is provided for a fast and smooth maintenance.



Komatsu SpaceCab™

The ROPS cab has a tubular steel frame and provides high shock absorbency, impact resistance and durability. The seat belt is well designed to keep the operator in the safety zone of the cab in the event of a rollover. Optionally the cab can be fitted with a Falling Object Protective System (FOPS) with openable front guard.



KomVision

KomVision machine visibility gives the operator a constant clear view of the safety zone around the machine. This allows the operator to focus on the work at hand even in low light conditions. With KomVision, various camera view options are available whilst maintaining constant "birdview" from above the machine. 4th camera option can further extend the angle of view up to 310°.

Total versatility



High lift capacity

Along with its class leading compact size, the PW138MR-11 features an unrivalled lifting performance. The combination of power, convenient dimensions and complete control makes the PW138MR-11 the first choice for heavy duty lifting applications or simple excavating tasks in narrow alleys, road-construction sites and for sewer-construction work.

4-wheel steering

It's possible to select between 3 steering modes: 2-wheel steering (for travelling), 4-wheel steering (for fast, agile operation) and crab (for confined areas). This ensures outstanding versatility and manoeuvrability. It's easy and safe to change the steering mode: just push a switch. When working, the front-axle oscillation can be blocked for improved stability in 3 different ways: by pushing over the limit the break pedal, by pushing a switch on the PPC or on the right dashboard.

A wide choice of options

With many options available – a wide selection of tyres even without internal spacer, undercarriage configurations, KIAC attachment control, Lehnhoff quick-couplers and Powertilt, safety valves for bucket cylinder and different arm lengths – you can configure the PW138MR-11 to match specific demands for transport, working envelope or duty.

Excellent travel performance

Wheeled excavators are built to move quickly on and between jobsites. To increase its mobility, the PW138MR-11 features a completely reworked driveline for faster travel and uphill driving speeds. The 100% differential lock on both axles further increases the performance on slopes and on uneven ground.

6 working modes

Power, Lifting, Breaker, Economy, Attachment Power and Attachment Economy modes are all available, ensuring that the PW138MR-11 delivers the power you need with minimised fuel usage. The Economy mode can be adjusted for an ideal balance between power and economy to match your work. The oil flow delivered to hydraulic attachments is adjustable directly on the class-leading wide screen monitor panel.



Easy undercarriage control



Komatsu Integrated Attachment Control (KIAC) for up to 15 tool presets for oil flow and pressure (option)



4-wheel steering



First-class comfort

Increased comfort

In the wide Komatsu SpaceCab™, a standard air-suspended high-back seat, heated for improved comfort and with fully adjustable armrests, is the centre of a comfortable and low-fatigue working environment. High visibility and ergonomic controls further assist to maximise the operator's productivity.

Perfect operator convenience

In addition to the standard radio, the PW138MR-11 has an auxiliary input for connecting external devices and play music through the cab speakers. A 24-volt power port is also incorporated in the cab. Proportional controls are fitted as standard for safe and precise operation of attachments.

Low-noise design

Especially well-suited for work in urban areas, Komatsu excavators feature environmentally-friendly, low external noise levels.



Convenient, ergonomic and precise control: joysticks with proportional control button for attachments



Ergonomically designed switches



Easy access with low mounted door handle

Easy maintenance

Optimum maintenance layout

Effortless access to engine-related maintenance items such as oil filter, oil dipstick, coolant reserve tank, fuel filter, and air cleaner.

Long-life oil filters

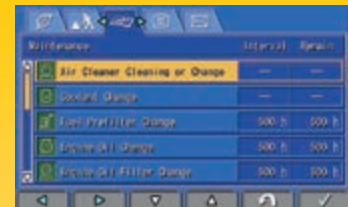
The Komatsu Genuine hydraulic oil filter uses high-performance filtering material for long replacement intervals, which significantly reduces maintenance costs.

Electric refuelling pump

Standard equipment on all PW138MR-11 includes an automatic shut-off fuelling pump that allows easy refuelling from a barrel.

Flexible warranty

When you purchase Komatsu equipment, you gain access to a broad range of programmes and services that have been designed to help you get the most from your investment. For example, Komatsu's Flexible Warranty Programme provides a range of extended warranty options on the machine and its components. These can be chosen to meet your individual needs and activities. This programme is designed to help reduce total operating costs.



Basic maintenance screen



All major maintenance points can be easily reached from ground level



Simple access to the AdBlue® tank





An evolutionary interface

Helpful information is now easier than ever to find and understand with the upgraded monitor interface. An optimal main screen for the ongoing work can be selected simply by pressing the F3 key.

Lower operating costs

Komatsu ICT contributes to the reduction of operating costs by assisting to comfortably and efficiently manage operations. It raises the level of customer satisfaction and the competitive edge of our products.

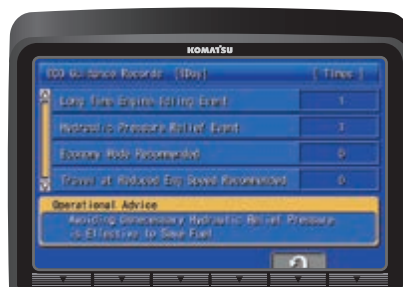
Widescreen monitor

Installed with a choice of 26 languages, the widescreen monitor with simple switches and multifunction keys gives fingertip access to a large range of functions and operating info.

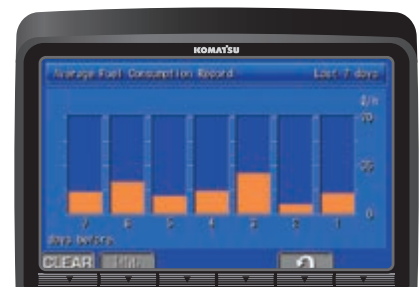
Equipped with universal piping for attachments such as breakers, the conversion to a low-pressure mode requires only a push of the breaker mode switch on the monitor.



Eco gauge, Eco guidance, an adjustable idle shutdown and a new auto idle function all contribute to further reduce fuel consumption



Eco guidance record



Fuel consumption history

Information & communication technology



Knowledge

You get quick answers to basic and critical questions about your machines – what they're doing, when they did it, where they're located, how they can be used more efficiently and when they need to be serviced. Performance data is relayed by wireless communication technology (satellite, GPRS or 4G depending on model) from the machine to a computer and to the local Komatsu distributor – who's readily available for expert analysis and feedback.

Convenience

Komtrax enables convenient fleet management on the web, wherever you are. Data is analysed and packaged specifically for effortless and intuitive viewing in maps, lists, graphs and charts. You can foresee eventual maintenance issues and required spare parts, and troubleshoot a problem before Komatsu technicians arrive on site.



The way to higher productivity

Komtrax uses the latest wireless monitoring technology. Compatible on PC, smartphone or tablet, it delivers insightful and cost saving information about your fleet and equipment, and offers a wealth of information to facilitate peak machine performance. By creating a tightly integrated web of support it allows proactive and preventive maintenance and helps to efficiently run a business.

Power

The detailed information that Komtrax puts at your fingertips 24 hours a day, 7 days a week gives the power to make better daily and long-term strategic decisions – at no extra cost. Problems can be anticipated, maintenance schedules customised, downtime minimised and machines kept where they belong: working on the jobsite.



Specifications

Engine

Model	Komatsu SAA4D95LE-7
Type	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
at rated engine speed	2050 rpm
ISO 14396	72.6 kW / 97.3 HP
ISO 9249 (net engine power)	72.5 kW / 97.2 HP
No. of cylinders	4
Bore × stroke	95 × 115 mm
Displacement	3260 cm ³
Max. torque / engine speed	414 Nm / 1530 rpm
Air filter type	Dry, double element type air cleaner with dust indicator and auto-dust evacuator
Fuel	Diesel fuel, conforming to EN590 Class 2/ Grade D. Paraffinic fuel capability (HVO, GTL, BTL), conforming to EN15940:2016

Transmission

Hydrostatic transmission with 4 driving wheels. A travel motor with a creep valve and a gearbox with 2 gear ratio.

Max. drawbar pull	6350 kg
Max. travel speeds	
Creep / Lo / Hi	4 / 13 / 30 km/h

Axles

Driving and steering axles with epicyclic reduction gears in the hubs. The oscillation of the front axle can be blocked by means of two hydraulic pistons.

Tyres	
Twin tyres (standard)	9-20
Single tyres (option)	18-19.5
Single tyres (option)	500/45-20
Radial twin tyres without internal spacer (option)	275/70-R22.5

Brakes

Type	Hydraulically controlled, with pedal, by means of two double circuit pumps, acting on oil immersed multiple discs on the four wheels
Service brakes	Hydraulically controlled by means of a pedal, acting on the four wheels

Hydraulic system

Type	HydraMind. Closed-centre system with load sensing and pressure compensation valves
Main pumps	
Pump for	Two-piece boom, arm, bucket, undercarriage, travelling, attachments and swing circuit
Type	Variable displacement, axial piston
Max. flow	222 l/min
Pump for	Pilot circuit and steering
Type	Fixed displacement gear pump
Max. flow	52 l/min
Hydraulic motors	
Travel	1 × piston motor, variable displacement
Swing	1 × piston motor with swing holding brake
Relief valve setting	
Swing	22.5 MPa (230 kg/cm ²)
Travel and work equipment	29.4 MPa (300 kg/cm ²)
Bucket breakout force (ISO 6015)	7169 daN (7310 kgf)
Arm crowd force 1850 mm arm (ISO 6015)	4609 daN (4700 kgf)

Steering

Hydraulically operated steering system that acts on the front and rear wheels by means of double rod hydraulic cylinders in the axles. The operator can select three kinds of steering by means of an electric switch.

Two steering wheels	
Four steering wheels	
Crab steering	
Steering radius	
Two steering wheels	6850 mm
Four steering wheels	4050 mm

Swing system

Driven by	Hydraulic motor
Swing reduction gear	Planetary gear
Swing circle lubrication	Grease-bathed
Swing brakes	Automatic, with oil immersed disks
Swing speed	8.0 rpm

Service refill capacities

Fuel tank	142 l
Cooling system	13 l
Engine oil	11.5 l
Differential (each axle)	9 l
Gearbox	0.8 l
Swing drive	4 l
Hydraulic oil tank	80 l
AdBlue® tank	21.1 l

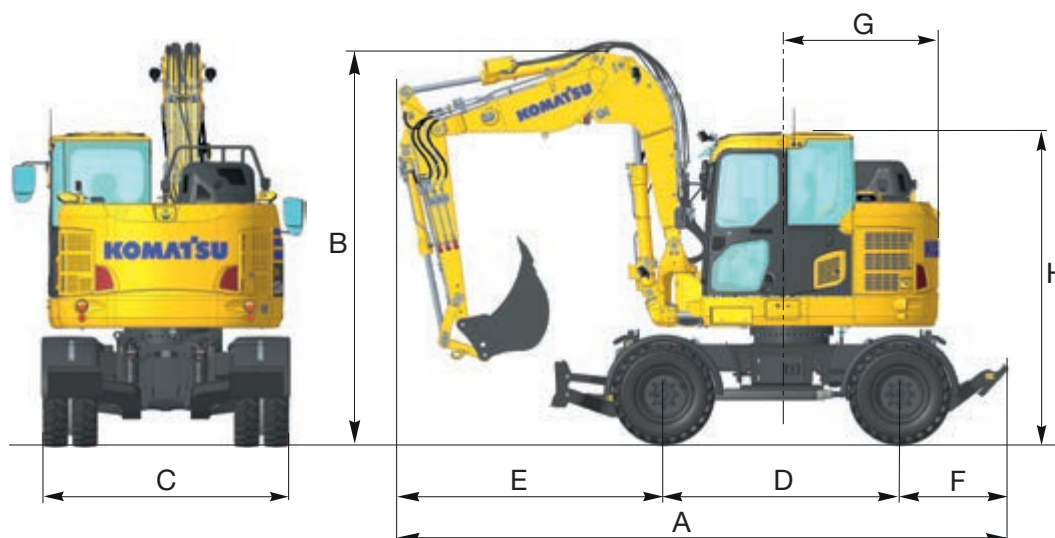
Operating weight (appr.)

	Operating weight	Width
With rear blade	13500 kg	2500 mm
With rear stabilisers	13350 kg	2490 mm
With blade and stabilisers	13950 kg	2500 mm

Operating weight, including 1850 mm arm, 0.33 m³ bucket (ISO 7451), twin tyres, 2 auxiliary lines, quick-coupler line, operator, liquids, filled tank and standard equipment (ISO 6016).

Machine dimensions

A	Transport length (with stabilisers)	6170 mm
	Transport length (with blade)	6220 mm
B	Overall height (to top of boom)	3995 mm
C	Overall width (with blade)	2500 mm
	Overall width (with outriggers)	2490 mm
D	Wheel base	2400 mm
E	Distance, boom	2790 mm
F	Distance (with stabilisers)	990 mm
	Distance (with blade)	1045 mm
G	Tail swing radius	1490 mm
H	Overall height (cab)	3150 mm



All dimensions with twin tyres 9-20

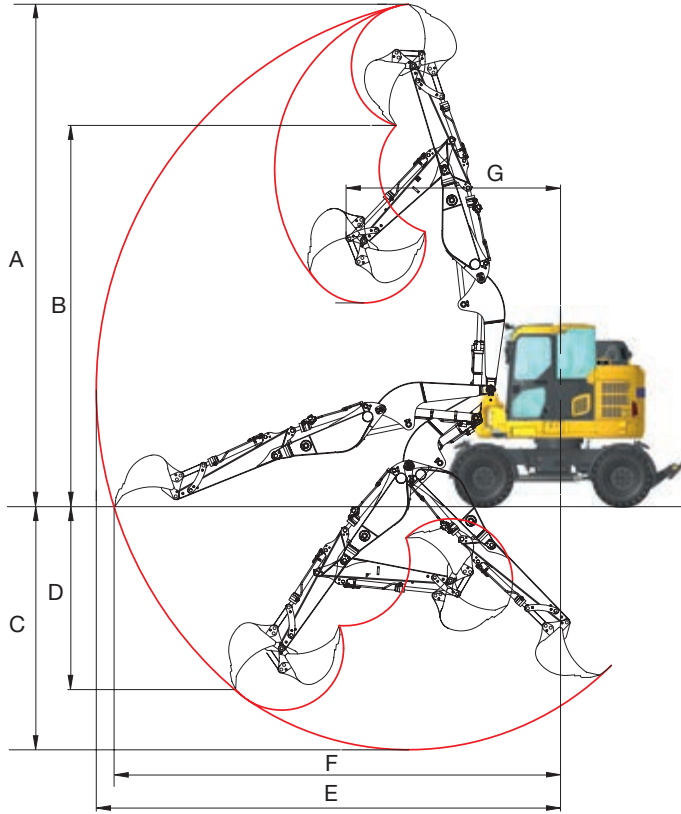
Cab

Sound-proof cab, provided with safety glasses, liftable windscreen, roof window, sliding door with lock, windscreen-wiper, electric horn, adjustable seat with double slide, control system and instrumentation, adjustable joysticks, outside air inlet.

Environment

Engine emissions	Fully complies with EU Stage V exhaust emission regulations
Noise levels	
LwA external	100 dB(A) (2000/14/EC Stage II)
LpA operator ear	74 dB(A) (ISO 6396 dynamic test)
Vibration levels (EN 12096:1997)	
Hand/arm	≤ 2.5 m/s ² (uncertainty K = 0.58 m/s ²)
Body	≤ 0.5 m/s ² (uncertainty K = 0.22 m/s ²)
Contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.7 kg; CO ₂ equivalent 1.0 t	

Working range




Working range

Arm length	1850 mm	2000 mm
A Max. digging height	8585 mm	8725 mm
B Max. dumping height	6515 mm	6649 mm
C Max. digging depth	4180 mm	4330 mm
D Max. vertical wall digging depth	3355 mm	3500 mm
E Max. digging reach	7950 mm	8100 mm
F Max. digging reach at ground level	7650 mm	7800 mm
G Min. swing radius (with work equipment)	3675 mm	3785 mm

Lifting capacity

A – Reach from swing center

 – Rating over front

B – Bucket hook height









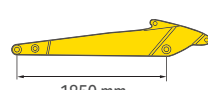
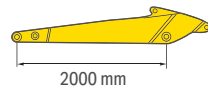
 – Rating over side

Data and specifications are referring to the machine according to 89/392/CE and EN 474-5 directives.









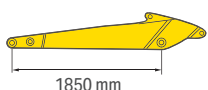
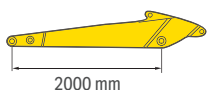
When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights.

Lifting capacities are without bucket.









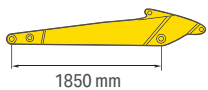
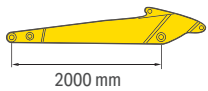
With blade and stabilisers up

Arm length	B	Max.		6.0 m		4.5 m		3.0 m	
									
 1850 mm	4.5 m kg	2130	1390	2110*	1550	2220*	2200*		
	3.0 m kg	1740	1230	2170	1550				
	1.5 m kg	1700	1240	2410	1470				
	0.0 m kg	1950	1180	2080	1430	2950	2050		
	-1.5 m kg		1620				2880*	1990	4110*
 2000 mm	4.5 m kg	2030*	1340	2010*	1600	2120*	2100*		
	3.0 m kg	1690	1180	2170*	1550				
	1.5 m kg	1650	1140	2410*	1470				
	0.0 m kg	1950*	1180	2080	1430	2980	2050		
	-1.5 m kg		1530				2800*	2040	3760*









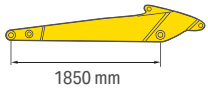
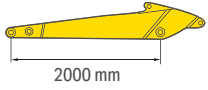
With blade and stabilisers down

Arm length	A		Max.		6.0 m		4.5 m		3.0 m	
	B									
 1850 mm	4.5 m	kg	2250*	1710	2130*	2020	2270*	2260*		
	3.0 m	kg	2220*	1430	2530*	1790				
	1.5 m	kg	2220*	1360	2630*	1690				
	0.0 m	kg	2100*	1520	2580*	1660	3760*	2420		
	-1.5 m	kg		1890*			3120*	2490	4530*	4220
 2000 mm	4.5 m	kg	2100*	1660	2030*	1970*	2170*	2160*		
	3.0 m	kg	2070*	1380	2480*	1790				
	1.5 m	kg	2020*	1360	2580*	1690				
	0.0 m	kg	1950*	1470	2580*	1660	3760*	2420		
	-1.5 m	kg		1790*			3220*	2440	4180*	4170*

With front or rear blade up

Arm length	A		Max.		6.0 m		4.5 m		3.0 m	
	B									
 1850 mm	4.5 m	kg	2180	1350	2110	1520	2220	2200		
	3.0 m	kg	1660	1160	2220	1470				
	1.5 m	kg	1670	1120	2410	1390				
	0.0 m	kg	2100	1160	1860	1350	2660	1930		
	-1.5 m	kg		1550			2700	1920	4110	2980
 2000 mm	4.5 m	kg	2030*	1250	2010*	1520	2120*	2100*		
	3.0 m	kg	1510	1110	2170*	1470				
	1.5 m	kg	1470	1070	2410*	1390				
	0.0 m	kg	1950*	1110	1860	1350	2660	1930		
	-1.5 m	kg		1450			2800*	1920	3760*	2880

With front or rear blade down

Arm length	A		Max.		6.0 m		4.5 m		3.0 m	
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 1850 mm	4.5 m	kg	2250*	1670	2130*	2020*	2270*	2260		
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	0.0 m	kg	2100*	1450	2580*	1580	3760*	2300		
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	1.5 m	kg	2020*	1290	2580*	1610				
	0.0 m	kg	1950*	1400	2580*	1580	3760*	2300		
	-1.5 m	kg		1790*			3220*	2320	4180*	4170*

NOTE:
 Ratings are based on ISO standard 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Excavators used in object handling operations must comply with the related local regulations and must be equipped with hose burst valves (boom & arm) and an overload warning device in compliance with EN474-5.
 - The values marked with an asterisk (*) are limited by the hydraulic capacities.
 - Calculations are based on the machine resting on a uniform and firm surface.
 - The lifting point is a hypothetical hook placed behind the bucket.

Standard and optional equipment

Engine

Komatsu SAA4D95LE-7 turbocharged common rail direct injection diesel engine	●
EU Stage V compliant	●
Suction type cooling fan with radiator fly screen	●
Automatic engine warm-up system	●
Engine overheat prevention system	●
Fuel control dial	●
Auto-deceleration function	●
Adjustable idle shutdown	●
Engine key stop	●
Engine ignition can be password secured on request	●
Alternator 24 V / 85 A	●
Starter motor 24 V / 4.5 kW	●
Batteries 2 × 12 V / 125 Ah	●

Hydraulic system

Electronic closed-centre load sensing (E-CLSS) hydraulic system (HydraMind)	●
6-working mode selection system; power mode, economy mode, breaker mode, attachment power and attachment economy mode, and lifting mode	●
Adjustable PPC wrist control levers for arm, boom, bucket and swing, with sliding proportional control for attachments and 5 auxiliary buttons, with FNR switch	●
One additional 2-way full-flow service valve with hydraulic line for attachment on boom and arm (HCU-A)	●
Additional auxiliary hydraulic circuit (HCU-B)	●
Relieve valve on service spool	●
2nd auxiliary hydraulic circuit (HCU-C) + preparation for hydraulic quick-coupler	●
Komatsu Integrated Attachment Control (KIAC)	○
Additional hydraulic functions	○
Lehnhoff Powertilt	○
Lehnhoff quick-couplers	○
Final shut-off valve for auxiliary hydraulic circuit	○

Drives and brakes

Hydrostatic, 3-speed travel system	●
Hydraulic service and parking brakes	●
Oscillating front axle (± 6°) with automatic and manual cylinder locking	●
Cruise control	●
100% differential lock	●
4 WS configuration (2 WS, crab, 4 WS)	●
2 WS configuration (2 WS only)	○
20, 25 and 30 km/h speed limitation	○

Cabin

Large roof window, pull-up type front window with locking device, removable lower window, front window wiper with intermittent feature, cigarette lighter, floor mat	●
Heated, high-back air-suspended seat with lumbar support, arm rests and retractable seat belt	●
Control lever with FNR and boom swing control switch	●
Automatic climate control system	●
24 Volt power supply	●
Beverage holder	●
Rain visor	●
Radio with Bluetooth	●
1 × 12 Volt power supply	○

Service and maintenance

Automatic fuel line de-aeration	●
Double element type air cleaner with dust indicator and auto dust evacuator	●
Komtrax – Komatsu wireless monitoring system (4G)	●
Multifunction video compatible colour monitor with Equipment Management and Monitoring System (EMMS) and efficiency guidance	●
Toolkit	●

Safety equipment

KomVision surround view system	●
Electric horn	●
Overload warning device	●
Arm and boom safety valves	●
Large handrails, rear-view mirrors	●
Battery main switch	●
ROPS (ISO 12117) - OPG (ISO 10262) level 1	●
Emergency engine stop switch	●
Seat belt caution indicator	●
Neutral position detection system	●
Lateral mirror (right side)	●
Audible travel alarm (white noise version)	●
Rotating beacon	●
OPG Level 2 top guard	○
Bucket cylinder safety valves	○
Additional camera (310°) for KomVision surround view	○

LED lighting system

2 working lights on boom	●
4 front working lights on cab	●
2 side working lights +1 rear working light for KomVision cameras	●

Undercarriage

Twin tyres 9-20	●
Parallel blade (front or rear)	●
Single tyres 18-19.5	○
Single tyres 500/45-20	○
Radial twin tyres 275/70-R22.5 without internal spacer	○
Front blade and rear stabilisers	○
Fenders	○
Trailer hitches	○

Work equipment

Two-piece boom with cylinder protection	●
1850 mm arm	●
2000 mm arm	●
Bucket range (300 - 1000 mm)	○
1800 mm ditch cleaning bucket	○
2100 mm ditch digging bucket (45°)	○
Bucket linkage with lifting hook	○

Other equipment

Standard counterweight	●
Electric refuelling pump with automatic shut-off function	●
Biodegradable oil for hydraulic system	○
Customised paint	○
Clamshell grip bar	○
Additional chassis tool box (r.h.)	○

Further equipment on request

● standard equipment

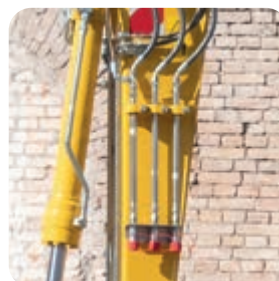
○ optional equipment



KomVision surround view system (standard)



LED working lights (standard)



Additional auxiliary hydraulic circuits (option)



Blade/stabiliser cylinders with integrated check valve (standard)



A wide range of buckets and attachments is available. Your Komatsu distributor is ready to assist you with the selection of suitable options.

This specification sheet may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require. Materials and specifications are subject to change without notice.

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