

KOMATSU

PC130-11



Hydraulic excavator

Engine power
72.6 kW / 97.3 HP @ 2050 rpm

Operating weight
13600 - 13800 kg

Bucket capacity
max. 0.74 m³



Engine power

72.6 kW / 97.3 HP @ 2050 rpm

Operating weight

13600 - 13800 kg

Bucket capacity

max. 0.74 m³

Increased productivity and **environmental performance**

Powerful and environmentally friendly

- EU Stage V engine
- Komatsu diesel particulate filter (KDPF)
- Adjustable idle shutdown
- Komatsu fuel-saving technology

Total versatility

- Enhanced engine management
- Lower hydraulic pressure loss

First-class comfort

- Fully air-suspended operator station
- Low-noise design
- Widescreen monitor

Safety first

- Komatsu SpaceCab™
- KomVision surround view system
- LED lighting standard
- Neutral position detection system
- Safe access, easy maintenance

Quality you can rely on

- Komatsu-quality components
- Extensive dealer support network

Komtrax

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



Total versatility

Built-in versatility

Powerful and precise, the Komatsu PC130-11 is equipped to efficiently carry out any task your business requires. On all jobsites, big or small, for digging, trenching, landscaping or site preparation, the Komatsu hydraulic system always provides maximum productivity and control.



Two optional hydraulic lines to mount a variety of attachments

6 working modes

The PC130-11 delivers the power required with the lowest fuel usage. 6 working modes are available: Power, Lifting, Breaker, Economy, Attachment Power and Attachment Economy. The operator can ideally balance the Economy mode between power and economy to match the work at hand. The oil flow delivered to hydraulic attachments is also adjustable directly on the class-leading widescreen monitor panel.



Versatility at your fingertips: select the perfect setting for each job







Higher productivity

The PC130-11 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 PC130-11 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.

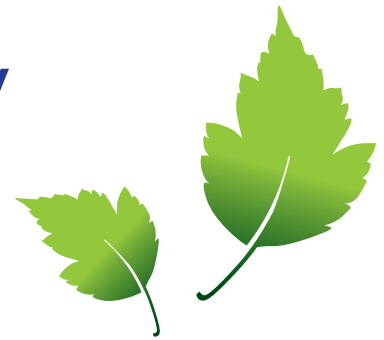
Adjustable idle shutdown

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

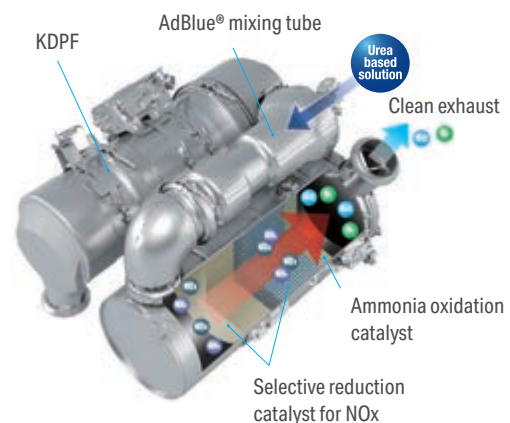
Komatsu EU Stage V

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.



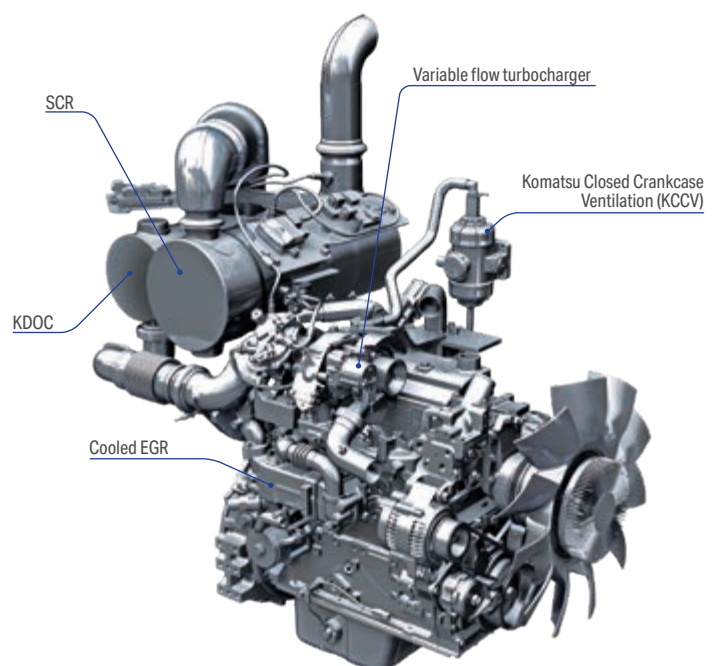
Heavy-duty aftertreatment

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.



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 PC130-11 has an auxiliary input for connecting external devices and play music through the cab speakers. Two 12-volt power ports are also incorporated in the cab. Proportional controls are fitted as standard for safe and precise operation of attachments.

Low-noise design

Komatsu crawler excavators have very low external noise levels and are especially well-suited for work in confined spaces or urban areas. The optimal usage of sound insulation and of sound absorbing materials helps to make noise levels inside the cab comparable to those of an executive car.



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



Plenty of storage room, a hot and cool box, a magazine box and a cup holder



Armrest with simple height adjustment

Safety first

Optimal jobsite safety

Safety features on the Komatsu PC130-11 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. Highly durable anti-slip plates – with additional high friction covering – maintain long term traction performance.



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, a wide catwalk 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 "bird's-eye view" from above the machine.



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.



Quick view on the operation logs



Fuel consumption history



ECO guidance record

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.



Easy maintenance

Central service points

Komatsu designed the PC130-11 with centralised and conveniently located service points to make necessary inspections and maintenance quick and easy.

Safe maintenance

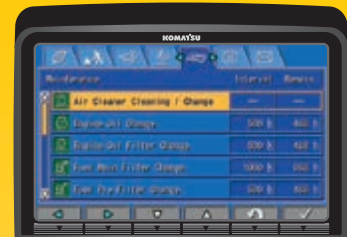
Thermal guards around high temperature areas of the engine, protected fan belt and pulleys, a pump/engine partition that prevents hydraulic oil from spraying onto the engine, and exceptionally sturdy handrails: in Komatsu tradition, the highest safety level is provided for fast and smooth maintenance.

Long-life oil filters

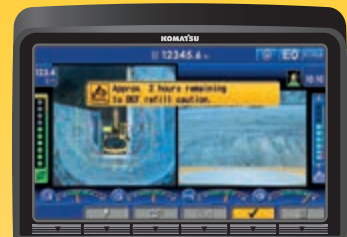
The Komatsu Genuine hydraulic oil filter uses high-performance filtering material for long replacement intervals, which significantly reduces maintenance costs.

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



Aftertreatment device regeneration screen for the KDPF



For simple access, the AdBlue® tank is installed on the front stairway



Quality you can rely on

Komatsu-quality

With the latest computer techniques and a thorough test programme, Komatsu produces equipment to meet your highest standards. All major components of the PC130-11 are designed and directly manufactured by Komatsu, and essential machine functions are perfectly matched for a highly reliable and productive excavator.

Rugged design

Maximum toughness and durability are the cornerstones of Komatsu's philosophy – along with safety and top class customer service. Single piece plates and castings are used in key areas of the machine's structure for good load distribution. Highly durable rubbing strips on the underside of the arm protect the structure against impact damage.

Extensive support network

The extensive Komatsu distribution and dealer network is standing by to help keep your fleet in optimum condition. Customised servicing packages are available, with express availability of spare parts, to make sure that your Komatsu equipment continues to perform at its peak.



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	3.26 l
Air filter type	Dry, double element type air cleaner with dust indicator and auto-dust evacuator
Cooling	Suction type cooling fan with radiator fly screen
Fuel	Diesel fuel, conforming to EN590 Class 2/ Grade D. Paraffinic fuel capability (HVO, GTL, BTL), conforming to EN15940:2016

Hydraulic system

Type	HydraMind. Closed-centre system with load sensing and pressure compensation valves
Additional circuit	1 additional circuit with proportional control can be installed
Main pump	1 variable displacement piston pump supplying boom, arm, bucket, swing and travel circuits
Maximum pump flow	242 l/min
Relief valve settings	
Implement	355 kg/cm ²
Travel	355 kg/cm ²
Swing	265 kg/cm ²
Pilot circuit	34 kg/cm ²

Swing system

Type	Axial piston motor driving through planetary double reduction gearbox
Swing lock	Electrically actuated wet multidisc brake integrated into swing motor
Swing speed	0 - 11 rpm
Swing torque	29.3 kNm

Operating weight (appr.)

Shoes	Operating weight	Ground pressure
700 mm triple grouser	13.800 kg	0.31 kg/cm ²
500 mm road liner	13.600 kg	0.43 kg/cm ²

Operating weight, including specified work equipment, 3.0 m arm, 354 kg bucket, operator, lubricant, coolant, full fuel tank and the standard equipment.

PC130-11E0

Drives and brakes

Steering control	2 levers with pedals giving full independent control of each track
Drive method	Hydrostatic
Gradeability	70%, 35°
Max. travel speeds	
Lo / Hi	2.9 / 5.5 km/h
Maximum drawbar pull	12500 kg
Brake system	Hydraulically operated discs in each travel motor

Undercarriage

Construction	X-frame centre section with box section track frames
Track assembly	
Type	Fully sealed
Shoes (each side)	43
Rollers	
Track rollers (each side)	7
Carrier rollers (each side)	1

Service refill capacities

Fuel tank	250 l
Radiator	14.3 l
Engine oil	11.5 l
Swing drive	2.5 l
Hydraulic tank	69 l
Final drive (each side)	2.1 l
AdBlue® tank	21.1 l

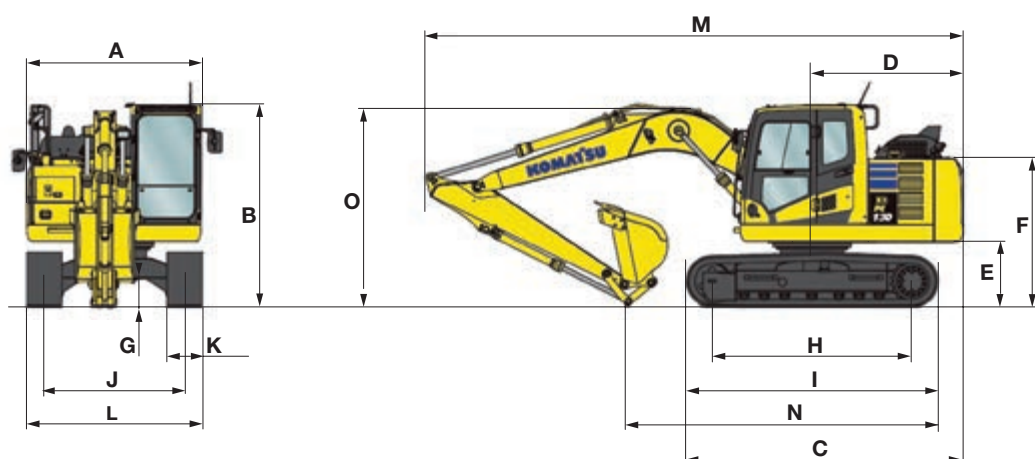
Environment

Engine emissions	Fully complies with EU Stage V exhaust emission regulations
Noise levels	
LwA external	99 dB(A) (2000/14/EC Stage II)
LpA operator ear	68 dB(A) (ISO 6396 dynamic test)
Vibration levels (EN 12096:1997)	
Hand/arm	≤ 2.5 m/s ² (uncertainty K = 0.27 m/s ²)
Body	≤ 0.5 m/s ² (uncertainty K = 0.18 m/s ²)
Contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.9 kg; CO ₂ equivalent 1.29 t	

Dimensions and performance figures

Machine dimensions

A	Overall width of upper structure	2480 mm
B	Overall height (top of cab)	2860 mm
C	Overall length of basic machine	3945 mm
D	Tail length	2140 mm
	Tail swing radius	2210 mm
E	Clearance under counterweight	900 mm
F	Machine tail height	2080 mm
G	Ground clearance	395 mm
H	Tumbler centre distance	2880 mm
I	Track length	3610 mm
J	Track gauge	1990 mm
K	Track shoe width	700, 500 mm
L	Overall track width with 700 mm shoes (triple grouser)	2690 mm
	Overall track width with 500 mm shoes (road liner)	2490 mm



Transport dimensions

	Arm length	3.0 m
M	Transport length	7515 mm
N	Length on ground (transport)	4330 mm
O	Overall height (to top of boom)	3190 mm

Max. bucket capacity and weight

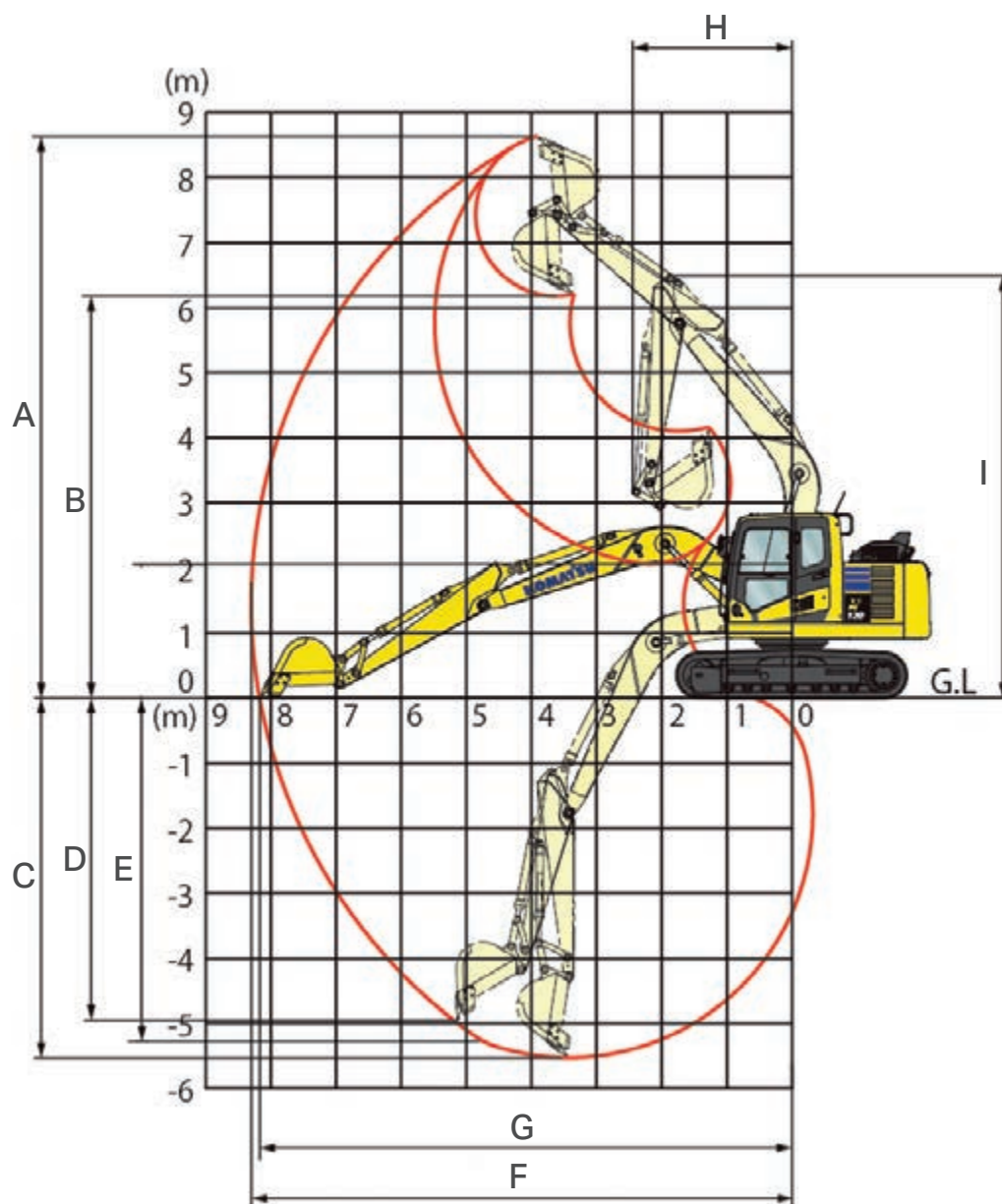
Arm length	3.0 m	
Material weight up to 1.2 t/m ³	0.67 m ³	550 kg
Material weight up to 1.5 t/m ³	0.57 m ³	500 kg
Material weight up to 1.8 t/m ³	0.50 m ³	450 kg

Max. capacity and weight have been calculated according to ISO 10567:2007. Please consult with your distributor for the correct selection of buckets and attachments to suit the application.

Bucket and arm force

Arm length	3.0 m
Bucket digging force	8770 kg
Bucket digging force at PowerMax	9520 kg
Arm crowd force	5700 kg
Arm crowd force at PowerMax	6200 kg

Working range



Working range

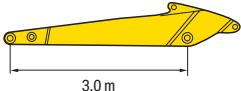
Arm length	3.0 m
A Max. digging height	8930 mm
B Max. dumping height	6615 mm
C Max. digging depth	5955 mm
D Max. vertical wall digging depth	5365 mm
E Max. digging depth of cut for 2.44 m level	5845 mm
F Max. digging reach	8720 mm
G Max. digging reach at ground level	8595 mm
H Min. swing radius	2690 mm
I Max. height at min. swing radius	6500 mm

Lifting capacity

-  - Rating over front
 - Rating over side
 - Rating at maximum reach

- A** - Reach from swing center
B - Bucket hook height
C - Lifting capacities, including bucket, bucket linkage and bucket cylinder

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights
With 700 mm shoes

Arm length	A			7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
	B												
	7.5 m	kg	*2550	*2550									
	6.0 m	kg	*2100	*2100									
	4.5 m	kg	*1950	1850			*3300	2350	*3300	*3300			
	3.0 m	kg	*1950	1600			3300	2300	*4100	3600	*5250	*5250	
	1.5 m	kg	*2000	1550	*2200	1550	3150	2200	4950	3350	*7950	6150	
	0.0 m	kg	*2200	1550			3050	2100	4700	3150	*7850	5700	
	-1.5 m	kg	2450	1700			3000	2050	4600	3050	9200	5600	*4450
	-3.0 m	kg	3000	2050			3050	2050	4600	3050	*8250	5650	*7600
	-4.5 m	kg	*3400	3150					*3450	3200	*5750	*5750	

* Load is limited by hydraulic capacity rather than tipping.

Ratings are based on SAE Standard No. J1097.

Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

When lifting with additional equipment installed to the arm, please subtract the weight of all additional equipment from the values stated.

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 / 88 Ah	●

Hydraulic system

Electronic closed-centre load sensing (E-CLSS) hydraulic system (HydrauMind)	●
Pump and engine mutual control (PEMC) system	●
6-working mode selection system; Power mode, Economy mode, Breaker mode, Attachment Power and Attachment Economy mode, and Lifting/Fine Operation mode	●
PowerMax function	●
PPC wrist control levers for arm, boom, bucket and swing, with sliding proportional control for attachments and auxiliary buttons	●
Prepared for hydraulic quick-coupler	●
One additional hydraulic circuit	●
Two additional hydraulic circuits	○

Undercarriage

Track roller guards	●
Track frame under-guards	●
700 mm triple grouser shoes	○
500 mm road liner shoes	○

Cabin

Reinforced safety SpaceCab™; highly pressurised and tightly sealed hyper viscous mounted cab with tinted safety glass windows, large roof window with sun shade, pull-up type front window with locking device, removable lower window, front window wiper with intermittent feature, sun roller blind, cigarette lighter, ashtray, luggage shelf, std. floor mat	●
Heated, high-back air-suspended seat with lumbar support, console mounted height adjustable arm rests, and retractable seat belt	●
Automatic climate control system	●
12 / 24 Volt power supplies	●
Beverage holder and magazine rack	●
Hot and cool box	●
DAB+ radio with Bluetooth®, USB, AUX and hands-free kit	●
Lower wiper	●
Rain visor (not with OPG)	○

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	●
Service points	●

Drives and brakes

Hydrostatic, 2-speed travel system with automatic shift and planetary gear type final drives, and hydraulic travel and parking brakes	●
PPC control levers and pedals for steering and travel	●

Safety equipment

KomVision surround view system	●
Electric horn	●
Overload warning device	●
Audible travel alarm	●
Boom safety valves	●
Large handrails	●
Rear-view mirrors (for cab adjustable without tools)	●
Battery main switch	●
ROPS compliant to ISO 12117-2:2008	●
Emergency engine stop switch	●
Seat belt caution indicator	●
Neutral position detection system	●
Arm safety valve	●
OPG Level II front guard (FOPS), hinged type	○
OPG Level II front guard (FOPS)	○

LED lighting system

Working lights: 2 revolving frame, 2 boom (l.h. + r.h.), 2 cab roof (front), 1 cab roof (rear), 1 counterweight, beacon	●
--	---

Work equipment

Mono boom	●
3.0 m arm	●
Komatsu buckets	○
Komatsu breakers	○

Other equipment

Remote greasing for swing circle and pins	●
Electric refuelling pump with automatic shut-off function	●

Further equipment on request

- standard equipment
- optional equipment

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.

Your Komatsu partner:

KOMATSU

[komatsu.eu](https://www.komatsu.eu)

