

# KOMATSU

## PC950LC-11



Hydraulic excavator

**Engine power**  
405 kW / 543 HP

**Operating weight**  
PC950-11: 95000 kg  
PC950LC-11: 97800 kg

**Bucket capacity**  
max. 6.5 m<sup>3</sup> @ 1.8 t/m<sup>3</sup>

PC950LC-11

Increased productivity and  
**environmental performance**



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## New features

- NEW** • New engine
- NEW** • New hydraulic system
- NEW** • New heavy duty work equipment
- NEW** • New heavy duty undercarriage
- NEW** • New heavy duty upper structure

## Powerful and environmentally friendly

- EU Stage V engine
- Adjustable idle shutdown
- Komatsu fuel-saving technology

## First-class comfort

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

## Maximised efficiency

- New hydraulics
- New P+ Mode
- + 48% productivity \*
- + 40% efficiency \*
- 6.5 m<sup>3</sup> bucket \*\*
- Increased swing torque
- Increase breakout forces

\* vs. PC800/LC-8

\*\* based on 90% fill factor

## Safety first

- Komatsu SpaceCab™
- KomVision surround view system
- Neutral position detection system
- Walkways both sides of machine
- Central maintenance area with catwalk access
- Three point right-hand side access
- LED lighting standard

## Quality you can rely on

- Komatsu-quality components
- Extensive dealer support network

## Komtrax

- Komatsu Wireless Monitoring System
- 4G mobile communications
- Integrated communication antenna
- Increased operational data and reports
- Same functions as a medium size excavator



A maintenance program for Komatsu customers

## 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 PC950LC-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. Adjustable PPC wrist control levers with 3 button controls 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



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



Armrest with simple height adjustment

## Information & communication technology



### 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

Conveniently customisable and 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. The rear camera view and an AdBlue® level gauge are now incorporated into the default main screen.

### An evolutionary interface

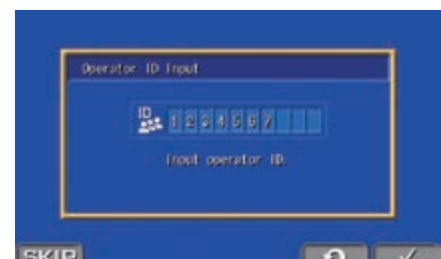
Helpful information is now easier than ever to find and understand with the upgraded monitor interface. An optimal main screen for the ongoing work can be selected simply by pressing the F3 key.

Operation Records (10day)	
Working Hours (Engine On)	0.2 h
Average Fuel Consumption	23.0 l/h
Actual Working Hours	0.1 h
Ave Fuel Consumption (Actual Working)	23.0 l/h
Fuel Consumption	7 l
Idling Hours	0.1 h

Quick view on the operation logs



With KomVision, various camera view options are available whilst maintaining constant "birdview" from above the machine



Operator identification function

## Safety first



### Optimal jobsite safety

Safety features on the Komatsu PC950LC-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.



KomVision cameras



Exceptional operator protection



Hand rails, walkway and safe side access ladder

### 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.

### Komatsu SpaceCab™

The 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. Laminated one piece front glass (ECE 43R) is fitted as standard, optionally the cab can be fitted with an Operator Protective Guard (OPG) top guard and opening front guard.

### 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 central maintenance area, wide catwalks and exceptionally sturdy handrails: in Komatsu tradition, the highest safety level is provided for a fast and smooth maintenance.

## Easy Maintenance

### Komatsu Care

Komatsu Care is a maintenance program that comes as standard with your new Komatsu machine. It covers factory-scheduled maintenance, performed with Komatsu Genuine parts by Komatsu-trained technicians. Depending on your machine's engine, it also offers extended coverage of the Komatsu Diesel Particulate Filter (KDPF), and of the Selective Catalytic Reduction (SCR). Please contact your local Komatsu distributor for terms and conditions.

### Easier radiator cleaning

Reverse rotation function of fan allows easier cleaning of the radiator.

### AdBlue® tank

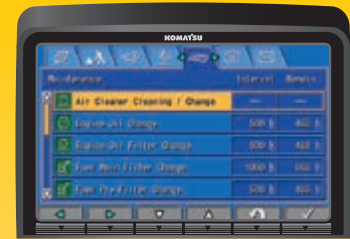
For simple access, the AdBlue® tank is installed on the front stairway.

### Flexible warranty

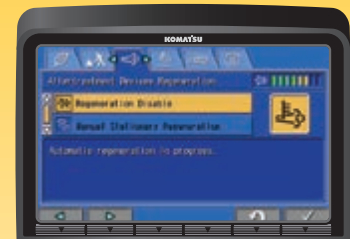
When you purchase Komatsu equipment, you gain access to a broad range of programmes and services that have been designed to help you get the most from your investment. For example, Komatsu's Flexible Warranty Programme provides a range of extended warranty options on the machine and its components. These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

### Long-life oil filters

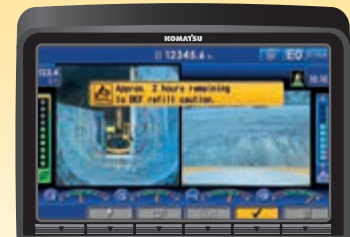
The Komatsu Genuine hydraulic oil filter uses high-performance filtering material for long replacement intervals, which significantly reduces maintenance costs.



Basic maintenance screen



Aftertreatment device regeneration screen for the KDPF



AdBlue® level and refill guidance

## KOMTRAX



### 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.

## Engine

Model	Komatsu SAA6D140E-7
Type	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
ISO 14396	405 kW / 543 HP
ISO 9249 (net engine power)	401 kW / 538 HP
No. of cylinders	6
Displacement	15.24 l
Fuel	Diesel fuel, conforming to EN590 Class 2/ Grade D. Paraffinic fuel capability (HVO, GTL, BTL), conforming to EN 15940:2016

## Environment

Engine emissions	Fully complies with EU Stage V exhaust emission regulations
Noise levels	
LwA external	109 dB(A) (2000/14/EC Stage II)
LpA operator ear	75 dB(A) (ISO 6396 dynamic test)

## Drives and brakes

Max. drawbar pull	670 kN
Travel speed	2.7 / 4.0 km/h

## Hydraulic system

Additional circuits	1 attachment line for breaker (option)
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## Swing system

Swing speed	6.8 rpm
Swing torque	322 kN

## Machine dimensions

	PC950-11	PC950LC-11
Tail swing radius	4690 mm	4690 mm
Track length on ground	4600 mm	5120 mm
Track gauge	3530 mm	3530 mm

## Bucket capacity

Arm length	2.9 m	3.7 m
Material density 1.8 t/m <sup>3</sup>	*6.5 m <sup>3</sup>	4.0 m <sup>3</sup>

\* Based on 90% fill factor

## Bucket & arm force (ISO)

Arm / boom length	2.9 m / 7.1 m	3.7 m / 8.4 m
Arm breakout force	385 kN	310 kN
Bucket breakout force	502 kN	403 kN

## Working range

	2.9 m	3.7 m
<b>Arm length</b>	<b>2.9 m</b>	<b>3.7 m</b>
<b>Boom length</b>	<b>7.1 m</b>	<b>8.4 m</b>
A Max. digging height	11825 mm	13455 mm
B Max. digging depth	7190 mm	8995 mm
C Max. digging reach	12140 mm	14195 mm

