

KOMATSU®

PC160LC-7

NET HORSEPOWER
82 kW 111 HP @ 2.200 rpm

OPERATING WEIGHT
17.060 - 18.620 kg

BUCKET CAPACITY
max. 0,94 m³

PC
160

Hydraulic Excavator



PC160LC-7

WALK-AROUND

The PC160LC-7 is a rugged, productive, all-European machine. Designed and expressly built for European markets, it delivers productivity, reliability and operator comforts in a robust, environmentally-friendly package. Komatsu's exclusive, on-board, HydrauMind system assists in all operations, providing enhanced machine performance that's always perfectly matched to the task.

What's new on Dash 7:

- Higher production
- Low fuel consumption
- Easier maintenance and serviceability
- Improved operator comfort
- Lower noise
- Meets EC Stage II emission regulations
- Advanced Attachment Control
- Multi-function colour monitor

Advanced Attachment Control

The PC160LC-7 can be optionally equipped to handle a wide variety of attachments. The advanced attachment control system features:

- Operator selectable hydraulic flow control
- Adjustable presets for rapid attachment changeover
- Attachment piping options

Larger drawbar pull

Drawbar pull is 15% increased offering superb steering and slope climbing (compared with PC160-6).

High productivity and low fuel consumption

The powerful turbocharged and air-to-air aftercooled Komatsu SAA4D102E-2 provides 82 kW/111 HP. Productivity has increased with greater output in the 'Active' mode, while fuel efficiency has been further improved.

Greater lifting capacity

Lateral stability and lifting capacity have been improved by increasing the track length on ground (compared to PC160-6).

Excellent reliability and durability

- Reinforced work equipment
- Reliable major components designed and built by Komatsu
- Exceptionally-reliable electronic devices
- Strengthened undercarriage that utilises PC210-7 class components



NET HORSEPOWER
82 kW 111 HP

OPERATING WEIGHT
17.060 - 18.620 kg

BUCKET CAPACITY
max. 0,94 m³

Easy maintenance

- Extended hydraulic filter replacement interval
- Remote-mounted engine oil filter and fuel drain valve, for easy access
- Standard-equipped water separator
- Easier radiator cleaning
- Increased fuel tank capacity
- SCSH bushings on the work equipment extend the lubricating interval significantly

SpaceCab™

The new PC160LC-7's cabin space has been increased by 14%, offering an exceptionally-roomy operating environment.

- Sealed and pressurised cab with standard air conditioning
- Low-noise design
- Low-vibration design with cabin damper mounting
- OPG Level I (ISO) compliant cabin

In harmony with the environment

- The low emission engine meets EC Stage II emissions standards with increased power and machine productivity
- The economy mode reduces fuel consumption
- Low operating noise
- Designed for easy end-of-life recycling



EMMS

EMMS (Equipment Management and Monitoring System)

The EMMS is a highly sophisticated system, controlling and monitoring all the excavator functions. The user interface is highly intuitive and provides the operator with easy access to a huge range of functions and operating information.

Four working modes

The PC160LC-7 is equipped with three working modes: (A, E, B), plus a lifting mode (L). Each mode is designed to match the engine speed, pump speed, and system pressure with the current operating requirement. This provides the flexibility to match equipment performance to the job at hand.



Active mode

For maximum power and fast cycle times. Normally used for heavy operations such as hard digging and loading. This mode allows access to the 'PowerMax' function to temporarily increase the digging force by 7% for added power in tough situations.

Economy mode

The environmentally-friendly mode. For running more quietly during operations at night and/or in urban areas. Fuel consumption and exhaust emissions are reduced (compared with the 'Active' mode), and production is equal to the PC160-6's 'HO' mode.

Breaker mode

Delivers optimal hydraulic pressure, flow and engine RPMs for powerful breaker operations.

Lifting mode

Increases the lifting capacity 7% by raising the hydraulic pressure. This mode supports safe lifting operations.

Working mode	Application	Advantage
A	Active mode	<ul style="list-style-type: none"> • Maximum production/power • Fast cycle times
E	Economy mode	<ul style="list-style-type: none"> • Excellent fuel economy
B	Breaker mode	<ul style="list-style-type: none"> • Optimum engine RPMs and hydraulic flow
L	Lifting mode	<ul style="list-style-type: none"> • Hydraulic pressure has been increased by 7%



Hydraulic flow general adjustment screen in B (breaker) mode



Fine tune hydraulic flow adjustment screen in B (breaker) mode



Fine tune hydraulic flow adjustment screen in A (active) or E (economy) mode



Password screen

Easy to see and easy to use

Superb recognition colour LCD screens for each mode. Letters and numbers are combined with colour images for exceptionally clear and easy-to-read information. The high-resolution screen is easy to read in bright sunlight and in all lighting conditions.

Automatic two-speed travel

	High	Low
Travel speed	5,5 km/h	3,4 km/h

Fingertip hydraulic pump oil flow adjustment

From the LCD monitor, you can automatically select the optimal hydraulic pump oil flow for breaking, crushing, and other operations in the B, A or E modes. Also, when simultaneously operating with attachments and work equipment, the flow to the attachment is reduced automatically, thus delivering a smooth movement of the work equipment.

Password protection

Prevents unauthorised machine use or transport. The engine cannot be started without your four-digit use or password.

For total security, the battery is connected directly to the starter motor. Both the starter and the engine need the password.

The password can be activated and deactivated upon request.

WORKING ENVIRONMENT

PC160LC-7's cab interior is spacious and provides a comfortable working environment...

SpaceCab™

Comfortable cab

The new PC160LC-7 inner cab volume is 14% greater than the Dash 6, offering an exceptionally comfortable operating environment. The large cab enables the seat, with headrest, to be reclined to horizontal.

Pressurised cab

The standard-equipped air conditioner, air filter and a higher internal air pressure resist dust entry into the cab.

Low-noise design

Noise levels are substantially reduced; engine noise as well as swing and hydraulics operations noise.

Cab damper mounting for low vibration levels

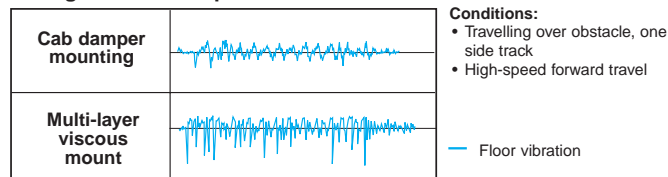
PC160LC-7 uses a new and improved viscous damping cab mount system that incorporates a longer stroke plus an added spring. The new cab damper mounting, combined with strengthened left and right-side decks, aids the reduction of vibrations to the operator's seat.



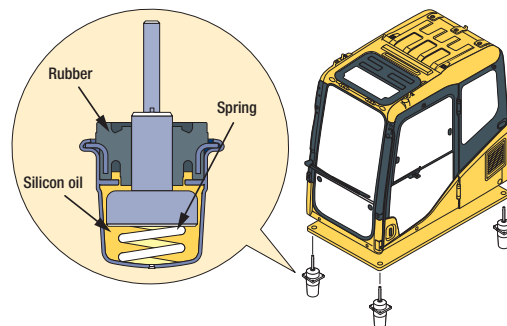
Outer air filter

Easy removal/installation of the air conditioner filter element, without tools facilitates easier cleaning.

Riding comfort comparison



Vertical pitch oscillation on the graph shows the intensity of vibration



Roof hatch



12-Volt power supply and (optional) radio cassette



Climate control



Bottle holder and magazine rack

Safety features

Multi-position controls

The multi-position, proportional pressure control levers allow the operator to work in comfort whilst maintaining precise control. A double-slide mechanism allows the seat and controllers to move together, or independently, allowing the operator to position the controllers for maximum productivity and comfort.



Hot and cool box



3 button lever



Seat sliding range:
340 mm – increased
by 120 mm over the
Dash 6



Defroster/demister

Improved, wide visibility

The right side window pillar has been removed and the rear pillar reshaped to provide greater visibility. Blind spots have been decreased by 34%.

Pump/engine room partition

This prevents hydraulic oil from spraying onto the engine to reduce the risk of fire.

Thermal and fan guards

Are placed around high-temperature parts of the engine. The fan belt and pulleys are well protected.

Steps with non-skid surface and large handrail

Steps with non-slip surfacing ensure safer maintenance.

Thermal guard



Non-slip sheet



Large handrail for
safe access



PRODUCTIVITY FEATURES

High production levels and low fuel consumption

The increased output and fuel savings of the Komatsu SAA4D102E-2 engine result in increased productivity (tonnes per litre of fuel).



Engine

The PC160LC-7 gets its exceptional power and work capacity from a Komatsu SAA4D102E-2 engine. Its output is 82 kW/111 HP, providing increased hydraulic power and improved fuel efficiency.

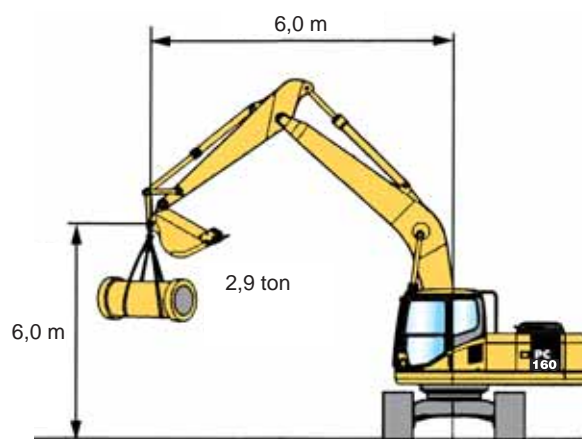
Hydraulics

The unique two-pump system ensures smooth, simultaneous movement of the work equipment. Komatsu's exclusive HydrauMind system controls both of the pumps for most-efficient use of engine power. The system also reduces hydraulic loss during operations. Optional, additional hydraulic circuits may be ordered.



Greater lifting capacity

PC160LC-7's stability is greater than before. Also the hydraulic pressure has increased. The result: the PC160LC-7's lifting capacity is greater. Example: the over-side lifting capacity (reach 6,0 m, height 6,0 m) has increased from 2,7 tonnes to 2,9 tonnes (with 2,6 m arm).



Bucket digging force*: 12.500 kg

Arm crowd force*: 9.700 kg

* Measured with PowerMax function, 2,2 m arm and ISO rating

Larger drawbar pull

PC160LC-7's maximum drawbar pull has been increased by 15% over Dash 6, providing superb slope climbing capability. Maximum drawbar pull: 15.950 kg

OPG top and front guard

The optional bolt-on OPG (Operation Protection Guard) top guard and front guard are available for operations in jobsites where there is high possibility of falling rocks or debris. OPG level 2 for top and front guard according to ISO 10262.



Excellent reliability and durability

Reliable components

All of the major machine components, such as the engine, hydraulic pump, hydraulic motor and control valves, are designed and manufactured by Komatsu. This guarantees that each component is expressly built for the class and model of machine. This ensures that the engineering, manufacturing standards and testing that go into each component are 'totally-Komatsu'.

Highly-rigid, robust work equipment

The strengthened boom and arm have large cross-sectional dimensions as well as continuous two-sided groove welding, improving the digging and side-contact strengths.

Sturdy frame structure

The revolving frame, centre frame and undercarriage have been designed using the most advanced three-dimensional Computer Aided Design (CAD) and Finite Elements Modelling (FEM) analysis technology.

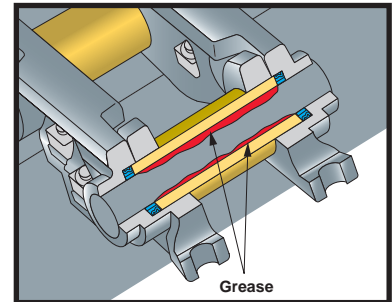
Highly-reliable electronic devices

Exclusively-designed electronic devices are certified by severe testing.

- Controller
- Sensors
- Connectors
- Heat-resistant wiring

Metal guard rings

These protect all hydraulic cylinders and improve reliability.



Grease-sealed track provides excellent undercarriage durability



Track link with strut
The PC160LC-7 uses track links with struts, providing superb durability

Harmony with the environment

Low-emission engine

Komatsu SAA4D102E-2 is EC Stage II compliant, with reduced NOx emissions, compared to the PC160-6.

Economy (environment) mode

'Economy' mode meets the needs of the 21st century. This mode offers the user fuel savings, quiet operation, and less CO₂ emissions.

Low noise

Noise has been reduced from the engine as well as from swing and hydraulic operations. The dynamic noise level is just 69 dB(A) at operator ear level (ISO 6369).

Easy end-of-life recycling

The PC160LC-7 is designed with the consideration of end-of-life recycling, effectively reducing its environmental impact.

- All exterior parts are made of steel.
- Extended engine oil, hydraulic oil and filter replacement intervals reduce environmental impact.
- All plastic parts are given a material code symbol.

VHMS

VHMS (Vehicle Health Monitoring System)

The VHMS's precise health-check system indicates all of the machine's running conditions. At the beginning of, and during, each work shift, abnormality information and machine functions can be checked from the operator's seat.

New features: VHMS machine health monitoring

- Up to four different mechanical system measurements can be monitored at the same time.
- A "Maintenance Indicator" function has been added. (Filter and oil replacement time display function).
- Mechanical system failures are now monitored, in addition to electrical system failures.
- Failures are indicated with a 6-digit failure code.

Displays running conditions and abnormality indications

At the operator's fingertips: the VHMS controller monitors engine oil level, cooling water level, fuel level, engine water temperature, engine oil pressure, battery charging level, air filter clogging, and more.

The monitor also indicates whenever abnormalities are detected.

Maintenance alert assistance

The VHMS monitor alerts when oil and filters need to be replaced.

Operation data memory

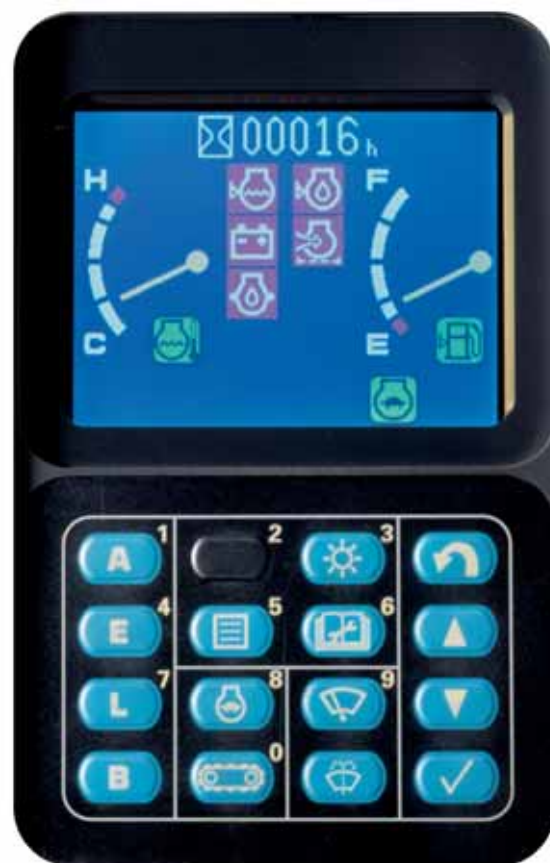
The system memorises machine operating data such as engine output, hydraulic pressure, and more.

Trouble data memory

The monitor stores and recalls electrical system and mechanical system failures and abnormalities for effective troubleshooting. The twenty most-recent electrical system failures are stored. Mechanical system failures cannot be erased, ensuring accurate documentation of vital service management information.

VHMS 'real time monitoring system'

The 'real time monitoring system' displays up to four different operating parameters simultaneously, giving the mechanic a total overview for faster troubleshooting. Parameters include operating conditions such as hydraulic oil pressure, engine RPMs, various voltages and currents, and even temperature measurement.



Real time monitoring

Reducing maintenance costs

Extended replacement intervals for engine oil and filters

New, high-performance filters are used in the hydraulic circuit and engine. Replacement intervals for the hydraulic oil filter have been significantly extended, reducing maintenance costs.

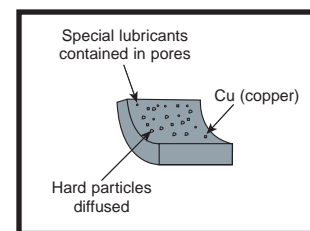
Replacement intervals	PC160LC-7
Engine oil	500 h
Engine oil filter	500 h
Hydraulic oil	5.000 h
Hydraulic oil filter	1.000 h



With SCSH bushings, all work equipment lubrication intervals have been extended

Newly-developed SCSH (Steel Copper Sinter Hard Material) bushings are used on all work equipment joints*. As a result, all work equipment bushing lubrication intervals have been significantly extended, with some joints only needing lubrication every 500 hours, thus reducing maintenance costs.

* Available for bucket pin, depending on bucket design



SCSH bushing

Tungsten carbide-injected bushing

Tungsten carbide is injected into the end faces of the arm-top bushing to form a hard film. This reduces the wear of the surface contact areas and fluttering of the bucket.



Trouble data memory



Maintenance record



Maintenance mode change

MAINTENANCE FEATURES

Easy maintenance

Komatsu designed the PC160LC-7 to have easy service access. By doing this, routine maintenance and servicing are less likely to be skipped. This can mean a reduction in costly downtime later on. Here are some of the many service features found on the PC160LC-7:

Side-by-side cooling

Since radiator, aftercooler and oil cooler are arranged in parallel, it is easy to clean, remove and install them.



Water separator

This is standard equipment which removes any water that has become mixed with the fuel, preventing fuel system damage.



Easy access to the engine oil filter and fuel drain valve

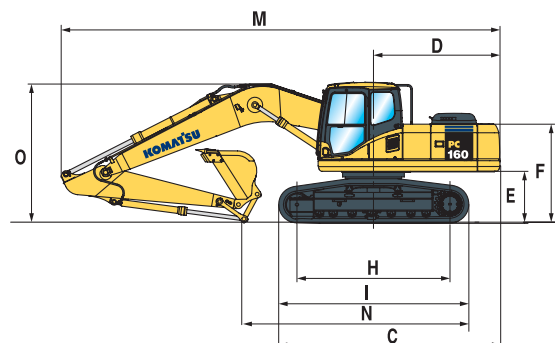
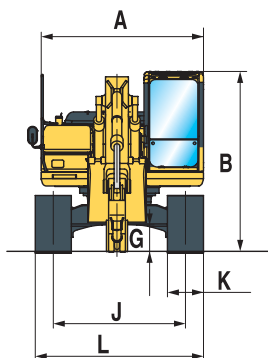
The engine oil filter and fuel drain valve are mounted remotely to improve accessibility.



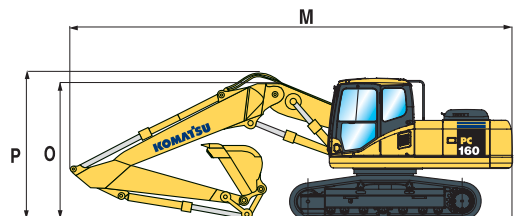
MACHINE DIMENSIONS

MACHINE DIMENSIONS		PC160LC-7
A	Overall width of upper structure	2.490 mm
B	Overall height of cab	2.970 mm
C	Overall length of basic machine	4.373 mm
D	Tail length	2.390 mm
	Tail swing radius	2.435 mm
E	Clearance under counterweight	1.055 mm
F	Machine tail height	2.090 mm
G	Ground clearance	440 mm
H	Track length on ground	3.170 mm
I	Track length	3.965 mm
J	Track gauge	1.990 mm
K	Track shoe width	500, 600, 700, 800 mm
L	Overall track width with 500 mm shoe	2.490 mm
	Overall track width with 600 mm shoe	2.590 mm
	Overall track width with 700 mm shoe	2.690 mm
	Overall track width with 800 mm shoe	2.790 mm

MONO BOOM



TWO-PIECE BOOM



ARM LENGTH		MONO BOOM			TWO-PIECE BOOM		
		2,2 m	2,6 m	2,9 m	2,2 m	2,6 m	2,9 m
M	Transport length	8.565 mm	8.565 mm	8.565 mm	8.550 mm	8.550 mm	8.525 mm
N	Length on ground (transport)	5.130 mm	4.760 mm	4.565 mm	5.400 mm	5.100 mm	4.900 mm
O	Overall height (to top of boom)	2.990 mm	3.000 mm	3.100 mm	—	—	—
P	Overall height (to top of hose)	—	—	—	3.105 mm	3.170 mm	3.280 mm



BUCKET OPTIONS & DIGGING FORCES

Specifications and equipment may vary according to regional availability

PC160LC-7

BUCKET AND ARM COMBINATION			PC160LC-7		
Width	Capacity SAE	Weight	2,2 m	2,6 m	2,9 m
600 mm	0,38 m ³	385 kg	○	○	○
700 mm	0,47 m ³	435 kg	○	○	○
800 mm	0,56 m ³	465 kg	○	○	○
900 mm	0,66 m ³	495 kg	○	○	○
1.000 mm	0,75 m ³	530 kg	□	□	□
1.200 mm	0,94 m ³	615 kg	△	△	—

Please consult with your distributor for the correct selection of buckets and attachments to suit the application. The recommendations are given as a guide only, based on typical operating conditions.

- Material weight up to 1,8 t/m³
- Material weight up to 1,5 t/m³
- △ Material weight up to 1,2 t/m³
- Not usable

A full range of Komatsu wear parts is available.

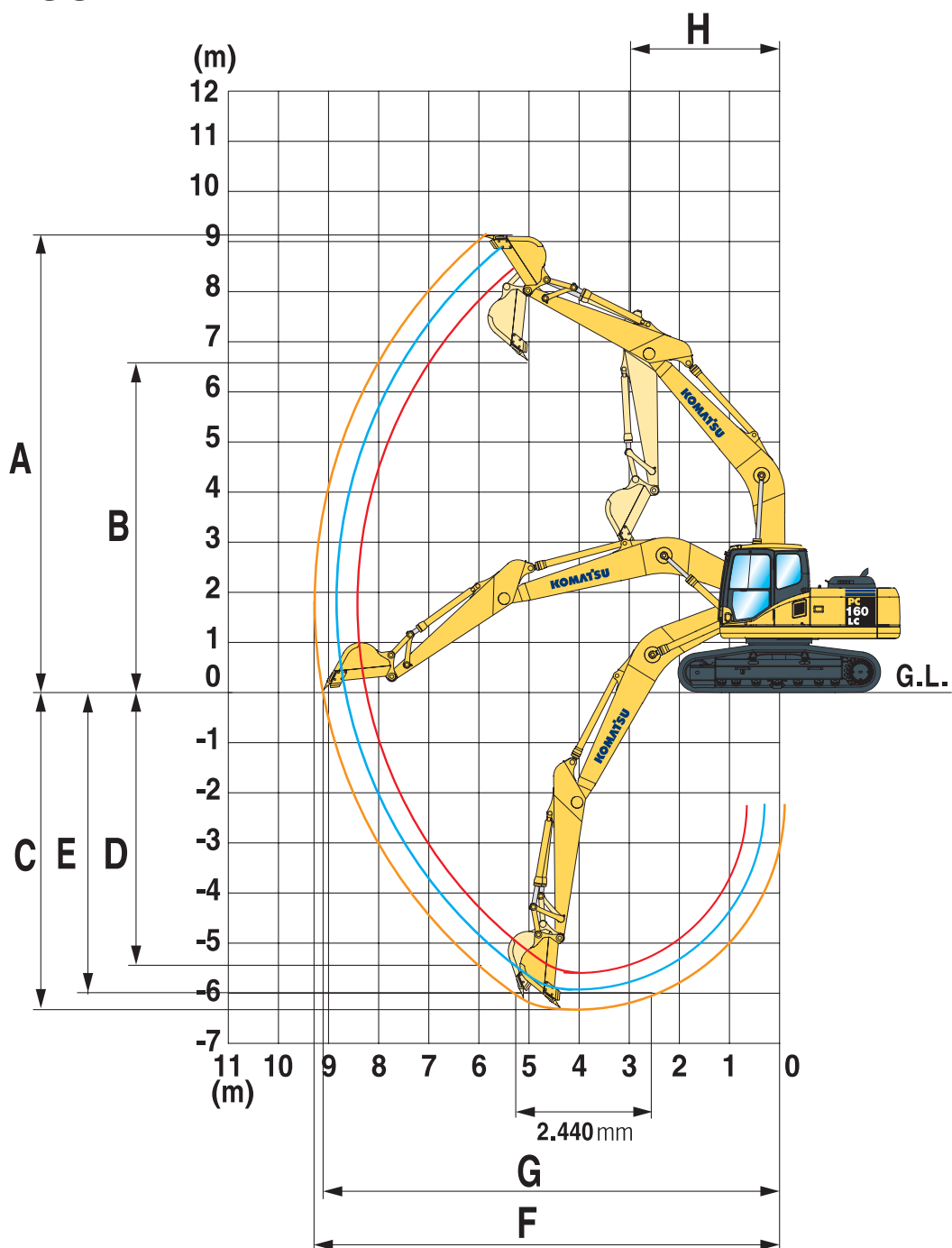
A wide range of attachments is available. Please consult your distributor for details of the full range.



BUCKET AND ARM FORCE			
Arm length	2,2 m	2,6 m	2,9 m
Bucket digging force	11.500 kg	11.500 kg	11.500 kg
Bucket digging force at power max.	12.500 kg	12.500 kg	12.500 kg
Arm crowd force	9.050 kg	8.200 kg	7.550 kg
Arm crowd force at power max.	9.700 kg	8.800 kg	8.100 kg

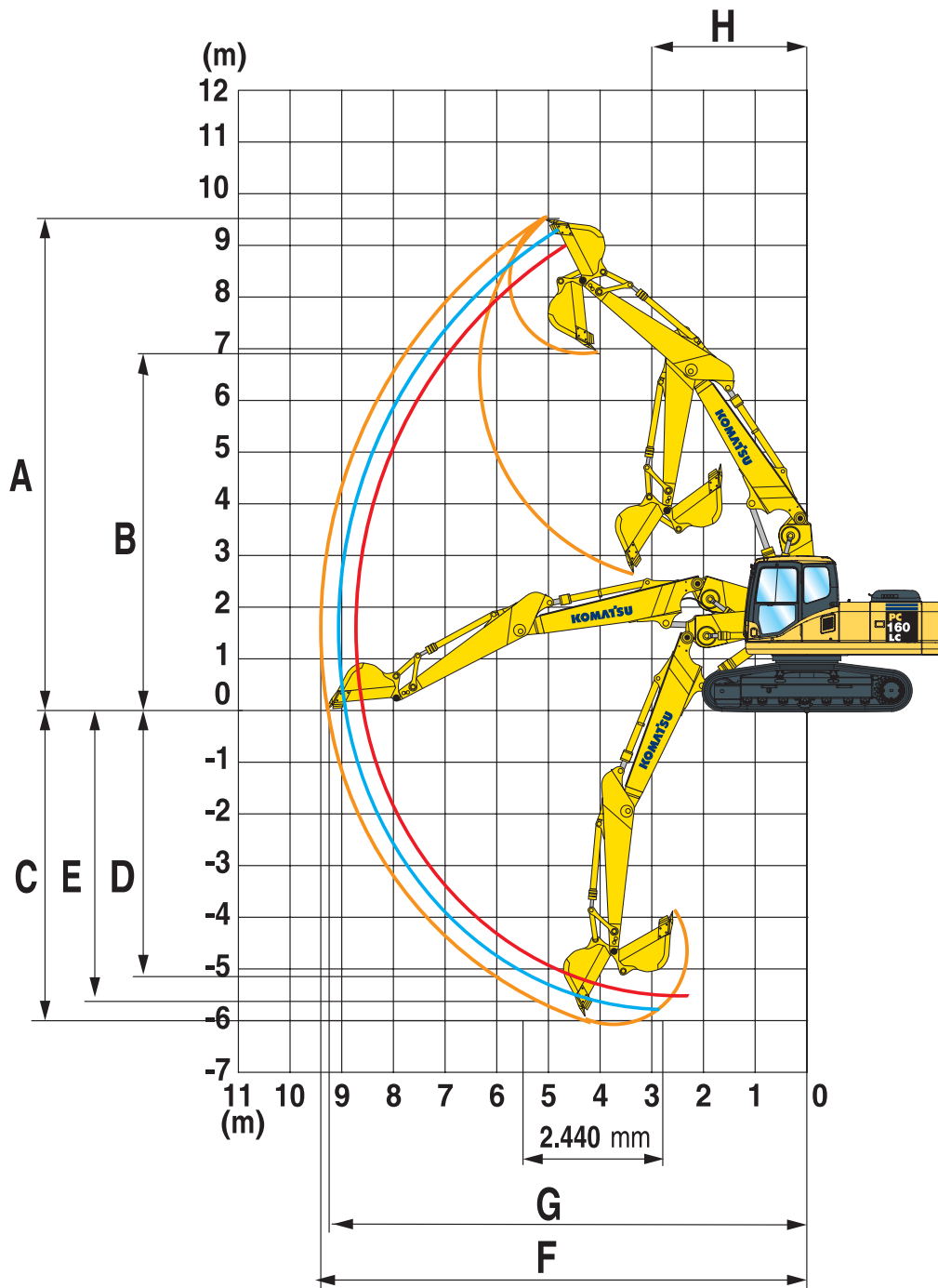
WORKING RANGES

MONO BOOM



ARM LENGTH		2,2 m	2,6 m	2,9 m
A	Max. digging height	8.910 mm	8.980 mm	9.130 mm
B	Max. dumping height	6.280 mm	6.370 mm	6.525 mm
C	Max. digging depth	5.610 mm	5.960 mm	6.250 mm
D	Max. vertical wall digging depth	4.860 mm	5.040 mm	5.320 mm
E	Max. digging depth of cut for 2,44 m level	5.375 mm	5.740 mm	6.050 mm
F	Max. digging reach	8.680 mm	8.960 mm	9.235 mm
G	Max. digging reach at ground level	8.510 mm	8.800 mm	9.075 mm
H	Min. swing radius	3.040 mm	2.990 mm	2.995 mm

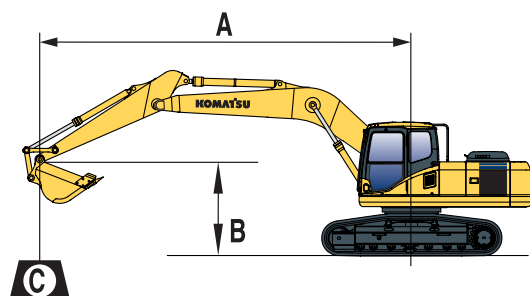
TWO-PIECE BOOM



ARM LENGTH		2,2 m	2,6 m	2,9 m
A	Max. digging height	9.245 mm	9.375 mm	9.555 mm
B	Max. dumping height	6.575 mm	6.715 mm	6.900 mm
C	Max. digging depth	5.440 mm	5.780 mm	6.070 mm
D	Max. vertical wall digging depth	4.525 mm	4.810 mm	5.085 mm
E	Max. digging depth of cut for 2,44 m level	5.331 mm	5.676 mm	5.970 mm
F	Max. digging reach	8.755 mm	9.060 mm	9.335 mm
G	Max. digging reach at ground level	8.590 mm	8.900 mm	9.180 mm
H	Min. swing radius	3.030 mm	2.960 mm	3.000 mm

LIFTING CAPACITY

PC160LC-7 MONO BOOM



A – Reach from swing center

– Rating over front

B – Bucket hook height

– Rating over side

C – Lifting capacities, including bucket linkage (200 kg) and bucket cylinder (140 kg)

– Rating at maximum reach

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

Arm length	A			7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	

With 500 mm shoe 2,2 m 495 kg 0,65 m³	6,0 m	kg	* 2.400	* 2.400		* 3.250	2.850						
	4,5 m	kg	* 2.350	2.050		* 4.450	2.850	* 5.000	4.650				
	3,0 m	kg	* 2.450	1.800		4.450	2.700	* 6.300	4.300	* 9.700	8.150		
	1,5 m	kg	* 2.700	1.700	2.950	1.750	4.300	2.550	6.700	3.850			
	0,0 m	kg	2.950	1.700		4.150	2.400	6.550	3.750	* 6.750	* 6.750		
	-1,5 m	kg	3.300	1.950		4.100	2.400	6.500	3.650	* 10.600	6.950	* 6.200	* 6.200
	-3,0 m	kg	4.200	2.450				6.550	3.700	* 10.500	7.100	* 10.250	* 10.250
	-4,5 m	kg	* 4.850	4.200						* 7.050	* 7.050		

With 500 mm shoe 2,6 m 495 kg 0,65 m³	6,0 m	kg	* 2.000	* 2.000		* 3.350	2.900						
	4,5 m	kg	* 2.000	1.900		* 4.200	2.850						
	3,0 m	kg	* 2.050	1.650	3.050	1.800	4.500	2.750	* 5.900	4.400	* 8.700	8.450	
	1,5 m	kg	* 2.300	1.600	3.000	1.750	4.300	2.550	6.900	4.000	* 7.850	7.350	
	0,0 m	kg	* 2.650	1.600	2.900	1.700	4.150	2.450	6.600	3.750	* 7.350	6.950	
	-1,5 m	kg	3.050	1.750		4.100	2.350	6.500	3.650	* 10.150	6.950	* 5.800	* 5.800
	-3,0 m	kg	3.800	2.200		4.100	2.400	6.500	3.650	* 11.150	7.050	* 9.200	* 9.200
	-4,5 m	kg	* 4.950	3.450				* 5.550	3.850	8.200	7.350		

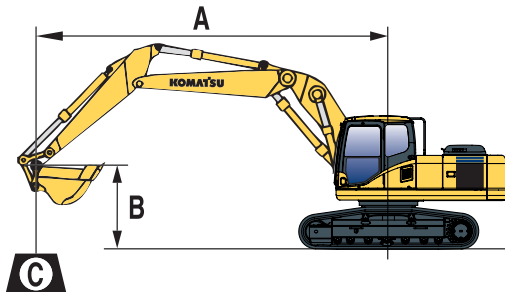
With 500 mm shoe 2,9 m 495 kg 0,65 m³	6,0 m	kg	* 1.750	* 1.750		* 3.250	2.950						
	4,5 m	kg	* 1.700	* 1.700	* 2.250	1.850	* 3.900	2.850					
	3,0 m	kg	1.800	1.550	3.050	1.800	4.500	2.700	* 5.500	4.400	* 7.850	* 7.850	
	1,5 m	kg	* 1.950	1.450	2.950	1.700	4.300	2.550	6.900	4.000	* 10.000	7.450	
	0,0 m	kg	* 2.250	1.450	2.850	1.650	4.100	2.400	6.600	3.700	* 7.650	6.950	
	-1,5 m	kg	* 2.800	1.600	2.850	1.600	4.050	2.300	6.400	3.600	* 9.750	6.800	* 5.400
	-3,0 m	kg	3.450	1.950		4.050	2.300	6.400	3.600	* 11.500	6.900	* 8.400	* 8.400
	-4,5 m	kg	* 4.800	2.950				* 6.050	3.700	* 8.900	7.200		

* 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.

PC160LC-7 TWO-PIECE BOOM



A – Reach from swing center

– Rating over front

B – Bucket hook height

– Rating over side

C – Lifting capacities, including bucket linkage (200 kg) and bucket cylinder (140 kg)

– Rating at maximum reach

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

Arm length	A	7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	

With 500 mm shoe 2,2 m 495 kg 0,65 m³	7,5 m	kg	* 2.900	* 2.900							
	6,0 m	kg	* 2.500	* 2.500		* 3.750	2.900				
	4,5 m	kg	* 2.400	2.000		4.650	2.850	* 5.250	4.650		
	3,0 m	kg	* 2.450	1.750	3.050	1.800	4.500	2.700	* 6.200	4.350	* 9.400 8.200
	1,5 m	kg	* 2.650	1.650	3.000	1.750	4.300	2.550	6.750	3.850	
	0,0 m	kg	2.950	1.700	2.950	1.700	4.200	2.450	6.600	3.750	* 5.750 * 5.750
	-1,5 m	kg	3.250	1.900			4.150	2.400	6.550	3.650	* 9.750 7.000
	-3,0 m	kg	* 4.100	2.400			4.200	2.450	6.600	3.750	

With 500 mm shoe 2,6 m 495 kg 0,65 m³	7,5 m	kg	* 2.350	* 2.350							
	6,0 m	kg	* 2.100	* 2.100		* 3.650	2.950				
	4,5 m	kg	* 2.000	1.850	* 2.050	1.850	* 4.200	2.900			
	3,0 m	kg	* 2.050	1.600	3.050	1.800	4.550	2.750	* 5.750	4.400	* 8.250 * 8.250
	1,5 m	kg	* 2.250	1.550	3.000	1.750	4.350	2.550	6.950	4.000	* 6.600 * 6.600
	0,0 m	kg	* 2.550	1.550	2.950	1.700	4.200	2.450	6.650	3.750	* 6.400 * 6.400
	-1,5 m	kg	3.000	1.750			4.100	2.350	6.550	3.650	* 9.400 6.950
	-3,0 m	kg	3.700	2.150			4.150	2.400	6.550	3.700	* 14.250 7.100

With 500 mm shoe 2,9 m 495 kg 0,65 m³	7,5 m	kg	* 2.050	* 2.050							
	6,0 m	kg	* 1.800	* 1.800		* 3.450	2.950				
	4,5 m	kg	* 1.750	1.700	* 2.650	1.850	* 2.850	2.900			
	3,0 m	kg	* 1.800	1.500	3.050	1.800	4.550	2.750	* 5.400	4.450	* 7.300 * 7.300
	1,5 m	kg	* 1.900	1.400	3.000	1.700	4.350	2.550	7.000	4.050	* 8.550 7.500
	0,0 m	kg	* 2.150	1.450	2.900	1.650	4.150	2.400	6.650	3.750	* 6.700 * 6.700
	-1,5 m	kg	* 2.650	1.550	2.850	1.600	4.050	2.300	6.450	3.600	* 9.000 6.850 * 4.750 * 4.750
	-3,0 m	kg	3.350	1.900			4.050	2.300	6.500	3.600	* 13.350 6.950

* 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.

HYDRAULIC EXCAVATOR



STANDARD EQUIPMENT

- Komatsu SAA4D102E-2 82 kW direct injection emissionised Stage II intercooled turbocharged engine
- Double element type air cleaner with dust indicator and auto-dust evacuator
- Suction type cooling fan with radiator fly screen
- Automatic fuel line de-aeration
- Engine key stop
- Alternator 24 V/60 A
- Batteries 2 × 12 V/95 Ah
- Starter motor 24 V/4.5 kW
- Electronic closed-centre load sensing (E-CLSS) hydraulic system (HydrauMind)
- Pump and engine mutual control (PEMC) system
- Multi-function colour monitor with equipment management monitoring system (EMMS)
- 4-working mode selection system; Active mode, economy mode, breaker mode and lifting mode
- Standard counterweight
- PowerMax function
- Auto-deceleration function
- Automatic engine warm-up system
- Engine overheat prevention system
- Fuel control dial
- Adjustable PPC wrist control levers with 3 button controls for arm, boom, bucket and swing
- PPC control levers and pedals for steering and travel
- One additional service valve (full flow)
- Hydrostatic, 2-speed travel system with automatic shift and planetary gear type final drives, and hydraulic lock service brakes
- SpaceCab™; Highly pressurised and tightly sealed viscous mounted cab with tinted safety glass windows, opening roof hatch with window pull-up type front window with locking device, removable lower window, front window wiper with intermittent feature, ashtray, luggage box, floor mat
- Parts book and operator manual
- Lockable fuel cap and covers
- Remote greasing for swing circle and pins
- Fuel supply pump
- Track frame under-guards
- 12 Volt power supply
- Overload warning device
- Boom safety valves
- Climate control/Air conditioning
- Large handrails and rear-view mirrors
- Cigarette lighter
- Radio cassette preparation
- Beverage holder and magazine rack
- Electric horn
- Hot and cool box
- Toolkit and spare parts for first service
- Lights; 2 revolving frame lights and 1 boom light
- Suspension seat with adjustable arm rests and retractable seat belt
- Engine ignition can be password secured on request
- Standard colour scheme and decals
- 500 mm triple grouser track-shoes

OPTIONAL EQUIPMENT

- 600, 700, 800 mm triple grouser track-shoes
- Mono boom
- Two-piece boom
- 2,2 m; 2,6 m; 2,9 m arms
- Automatic greasing system
- Additional hydraulic circuits
- OPG Level II top guard (FOPS)
- OPG Level II front guard (FOPS)
- Heated air suspension seat
- Radio cassette
- Service points
- Beacon preparation
- Bio oil
- Additional cab roof lights
- Rain visor (not with OPG)
- Komatsu buckets
- Arm safety valve
- Customized paint

Call the experts

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