KOMATSU®

NET HORSEPOWER
107 kW 143 HP @ 1.950 rpm

OPERATING WEIGHT
21.980 - 23.900 kg

BUCKET CAPACITY
0,48 - 1,68 m³

PC228US-3
PC228USLC-3

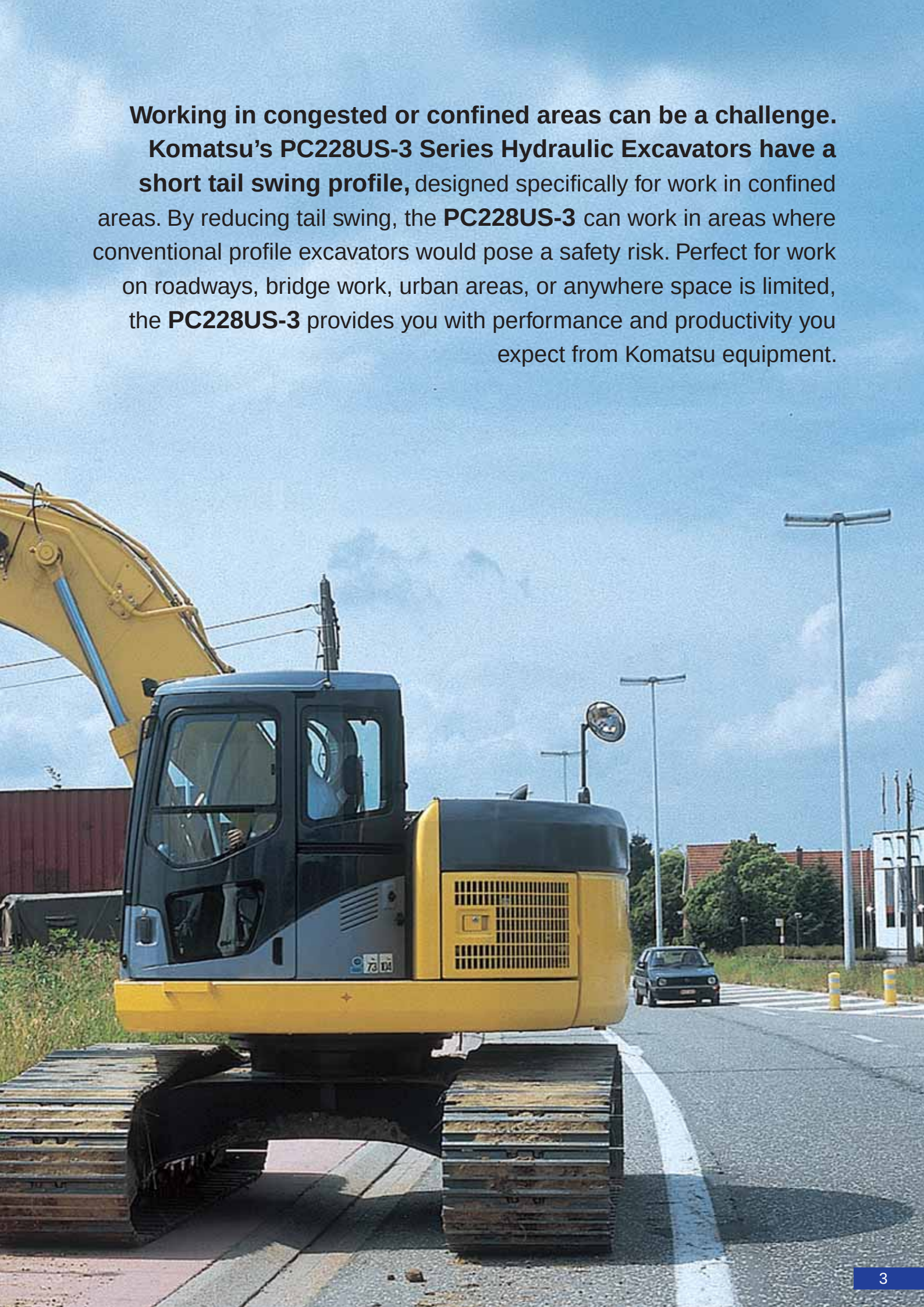
PC
228

Hydraulic Excavator

PC228US/LC-3

PC228US-3

Working in congested or confined areas can be a challenge. Komatsu's PC228US-3 Series Hydraulic Excavators have a short tail swing profile, designed specifically for work in confined areas. By reducing tail swing, the **PC228US-3** can work in areas where conventional profile excavators would pose a safety risk. Perfect for work on roadways, bridge work, urban areas, or anywhere space is limited, the **PC228US-3** provides you with performance and productivity you expect from Komatsu equipment.



WALK-AROUND

New features:

- Sliding convex door.
- Cup holder.
- Internal storage with hot and cold box.
- Lightweight aluminum framed front window.
- Large capacity air conditioner.
- Sliding window.
- Pressurized cabin (3 mm Aq).
- Electronic boom raise cushion.

Larger cab

- Komatsu's low noise design cab is a fully pressed high-rigidity cab using viscous cab mounting for reduced noise.
- Sliding convex door facilitates easy entrance in confined areas and reduces the danger of being damaged on roadways because the door does not protrude when open.
- Komatsu's large cab meets ISO working space standards to provide secure, safe, and comfortable operation.

Wide working ranges

Maximum digging height of the PC228US-3 is larger than that of the PC210-7. Raising the boom on the PC228US-3 to a wider angle enhances overall working performance.
Job sites that require a long upper reach, such as demolition and slope cutting also benefit from the increased digging and dumping ranges of the PC228US-3.

High mobility

Large drawbar pull and steering force display its ability when operating on a slope.

NET HORSEPOWER
107 kW 143 HP

OPERATING WEIGHT
21.980 - 23.900 kg

BUCKET CAPACITY
0,48 - 1,68 m³

Advanced monitor features

Four working modes designed to match engine speed, pump speed and system pressure.

- Active mode for maximum production/ power and fast cycle times.
- Breaker operations for optimum engine rpm, hydraulic flow, and pressure.
- Economy mode for lower fuel consumption and noise.
- Lifting mode for lifting by raising the hydraulic pression by 7%

High stability

The PC228US-3 offers exceptional lifting capacity and high stability with a large counterweight that requires no additional clearance.
Moreover the PC228US-3 has a high dynamic stability with the automatic electronic boom raise cushion. This will slow down the boom when it is raised to decrease the shock.

Safe operation

The PC228US-3's round form reduces the operator's need to constantly check behind him for movement, as he would with a conventional profile machine.

Small road occupied width

Komatsu's PC228US-3 occupies a road width of 3,99 m or less. This allows the machine to work on either side of the lane without having to close both sides of the road.

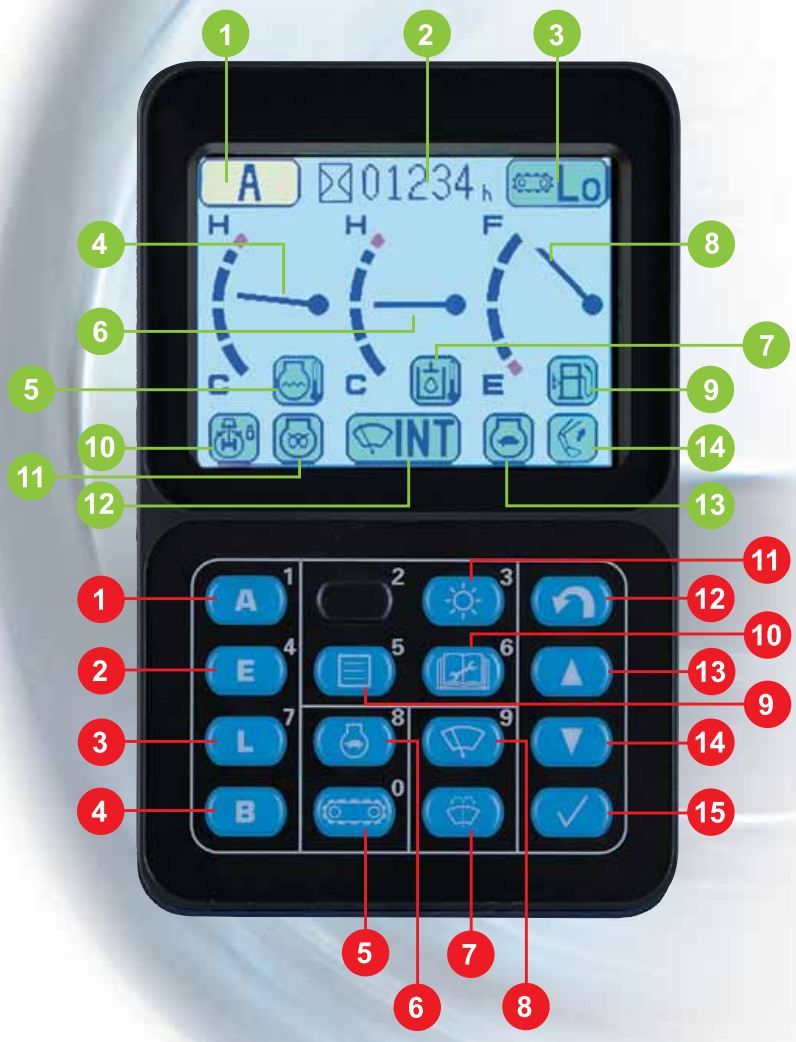
EMMS

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 PC228US-3 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 to the current requirement. This provides the flexibility to match equipment performance to the job at hand.



On-screen symbols

1. Operating mode
2. Service hours meter
3. Travel speed
4. Engine water gauge
5. Engine water temperature warning
6. Hydraulic oil gauge
7. Hydraulic oil temperature warning
8. Fuel level gauge
9. Fuel low level warning
10. Swing lock
11. Pre-heat
12. Continuous/intermittent window wiper
13. Auto deceleration
14. PowerMax

Push-button control switches

1. 'Active' mode
2. 'Economy' mode
3. 'Lifting' mode
4. 'Breaker' mode
5. Travel speed selector switch
6. Auto deceleration
7. Window washer
8. Window wiper
9. Select (For attachment oil flow adjustment)
10. Maintenance mode
11. Screen brightness adjustment
12. Input (return)
13. Input (up)
14. Input (down)
15. Input (confirm)

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 digging force by 7% for added power in tough situations.

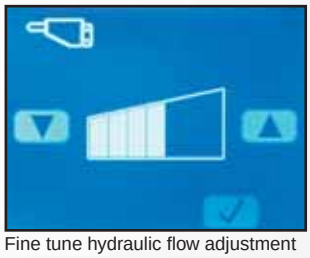
Economy mode
The environmentally-friendly mode. Run more quietly during operations at night and/or in urban areas. Fuel consumption and exhaust emissions are reduced.

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	• Maximum production/power • Fast cycle times
E	Economy mode	• Excellent fuel economy
B	Breaker mode	• Optimum engine rpm and hydraulic flow
L	Lifting mode	• Hydraulic pressure is 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 sun and in all lighting conditions.

Automatic three-speed travel
The travel speed is automatically shifted from high to low speed, according to the ground conditions.

	High	Mid	Low
Travel speed	5,5 km/h	4,1 km/h	3,0 km/h

Fingertip hydraulic pump oil flow adjustment
From the LCD monitor, automatically select 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 smooth movement of the work equipment.

Password protection
Prevent unauthorized 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 engine need the password.
The password can be activated upon request.

PRODUCTIVITY FEATURES

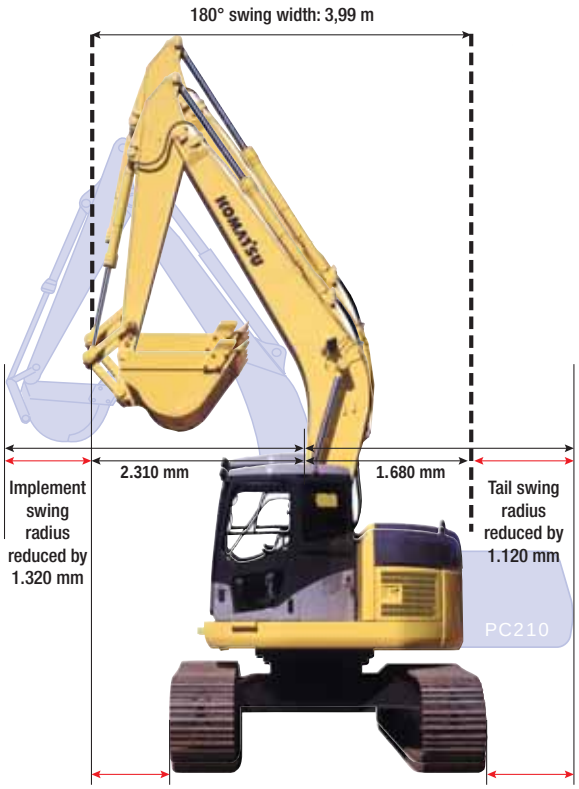
Safe operation with small tail swing even in confined areas

Short implement swing radius:

2.310 mm – Boom raising angle of the PC228US-3 is larger than the PC210-7, while front implement protrusion is lessened.

Short tail swing radius:

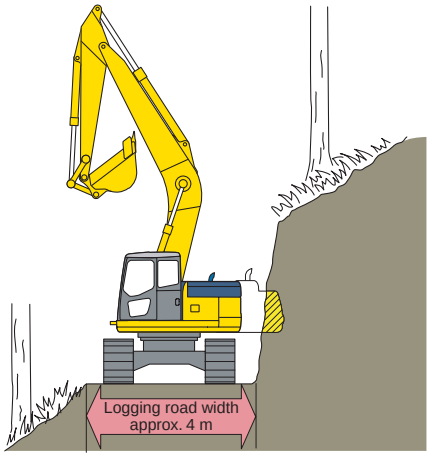
1.680 mm – Because the tail of the PC228US-3 is more compact than conventional models, the PC228US-3 reduces the operator's need to check behind him for movement.



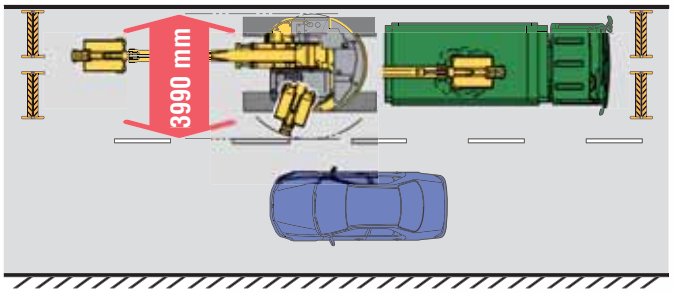
Protrusion from track:

PC228USLC	190 mm with 600 mm shoes
PC228USLC	140 mm with 700 mm shoes
PC210LC	1.310 mm with 600 mm shoes

Logging road work



Road and bridge work



BUCKET AND ARM COMBINATION		
Width	Capacity SAE	Weight
mm	m³	kg
600	0,48	480
700	0,55	530
800	0,63	580
900	0,71	610
1.000	0,78	650
1.100	0,86	700
1.200	0,96	760
1.300	1,03	810
1.400	1,11	870
1.500	1,19	930
1.600	1,49	1.100
1.700	1,58	1.150
1.800	1,68	1.200

PC228US-3	PC228USLC-3
2.925 mm	2.925 mm
○	○
○	○
○	○
○	○
○	○
○	○
○	○
○	○
○	○
○	○
○	○
○	○
□	○
△	□
–	–
–	–

○ Material weight up to 1,8 t/m³
△ Material weight up to 1,2 t/m³
□ Material weight up to 1,5 t/m³
– Not usable

Excellent productivity

Engine

The PC228US-3 gets its exceptional power and work capacity from the Komatsu SAA6D102E engine. Output is 107 kW (143 HP), giving you increased hydraulic power while improving fuel efficiency. The engine meets emissions regulations, including CARB, EPA, EC, and noise levels have been reduced for greater operator comfort.

Wider working ranges

Raising the boom on the PC228US-3 to a wider angle enhances overall working performance.

	PC228US-3	PC228US-3 2 Piece Boom	PC210-7
Arm length	2.925 mm	2.925 mm	2.900 mm
Maximum digging height	10.700 mm	11.790 mm	10.000 mm
Maximum digging depth	6.620 mm	6.225 mm	6.620 mm
Maximum digging reach	9.875 mm	10.270 mm	9.875 mm

Large digging force

The PC228US-3 has a large bucket digging force and arm crowd force.
Forces using PowerMax function:

	PC228US-3	PC210LC-7
Bucket digging force (ISO)	15.200 kg	15.200 kg
Arm crowd force (ISO)	11.000 kg	11.000 kg

PowerMax function

This function temporarily increases digging force for added power in tough situations.

High stability

The PC228US-3 offers exceptional lifting capacity and high stability with a large counterweight that requires no additional clearance. Moreover the PC228US-3 has a high dynamic stability with the automatic electronic boom raise cushion. This will slowdown the boom when it is raised to decrease the shock.

	PC228US/LC-3
Weight of counterweight	6.335 kg

WORKING ENVIRONMENT

The PC228US-3 cab interior is spacious and provides a comfortable working environment…

Operator's Cab

Multi-position controls

The multi-position, pressure proportional control levers allow the operator to work in comfort while 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.

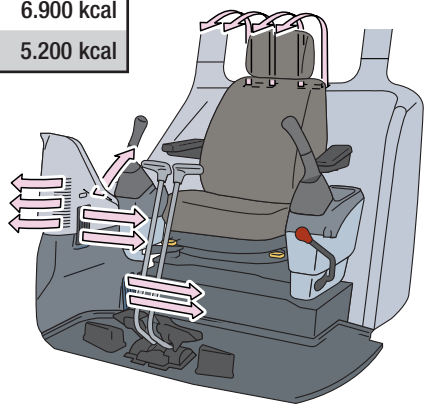
Cab mount

The cab rests on viscous damping mounts to reduce vibration and noise from the machine body. Operator fatigue is reduced.

Large capacity air conditioning and heating unit

The PC228US-3 air conditioner capacity is 43% greater than the PC228US-2. The bi-level controls provide cool air to the operator's head and warm air to the feet allowing comfort throughout the year. The defroster function keeps the front glass clear. Dust does not penetrate easily even in the worst conditions. By sealing the cab more tightly, an internal pressure has been realized during air conditioner operations to prevent the entry of dust.

Capacities	
Cooling	6.900 kcal
Heating	5.200 kcal



Noise

Komatsu's low noise design cab is a fully pressed high-rigidity cab using viscous cab mounting for reduced noise.

LpA operator noise level:	73 dB(A)
LwA external noise level:	102 dB(A)

Sliding convex door

The sliding convex door facilitates easy entrance in confined areas while reducing the danger of being damaged on roadways because the door does not protrude when open. The cab also features a sliding window on the door.

Washable floor

The PC228US-3's floor is easy to keep clean. The gently inclined surface has a flanged floormat and drainage holes to facilitate runoff.


KOMATSU

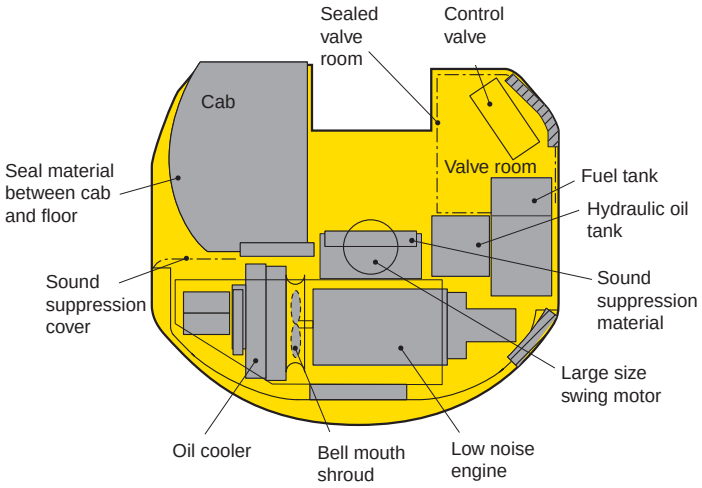
MAINTENANCE FEATURES

Easy maintenance

Komatsu designed the PC228US-3 to have easy service access. By doing so, routine maintenance and servicing are less likely to be skipped, which can mean a reduction in costly downtime later on. Here are some of the many service features found on the PC228US-3:

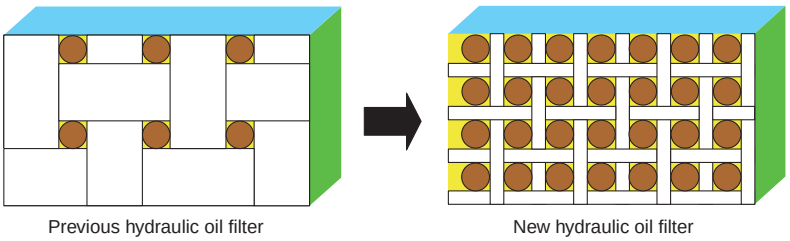
Optimum maintenance layout

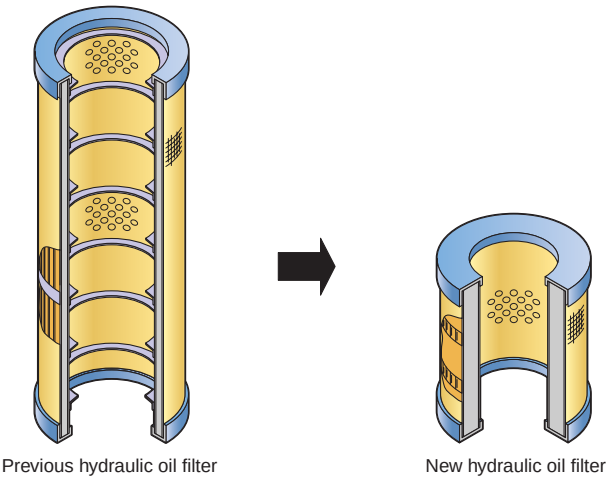
Effortless access to engine-related maintenance items such as oil filter, oil dipstick, coolant reserve tank, fuel filter, and air cleaner.



New hydraulic filter element

The new hydraulic oil filter uses high performance filtering material for long element replacement intervals, which significantly reduces maintenance costs. The new hydraulic filter extends the element replacement interval to 1.000 hours and the hydraulic oil replacement interval to 5.000 hours. Its small size reduces waste material.



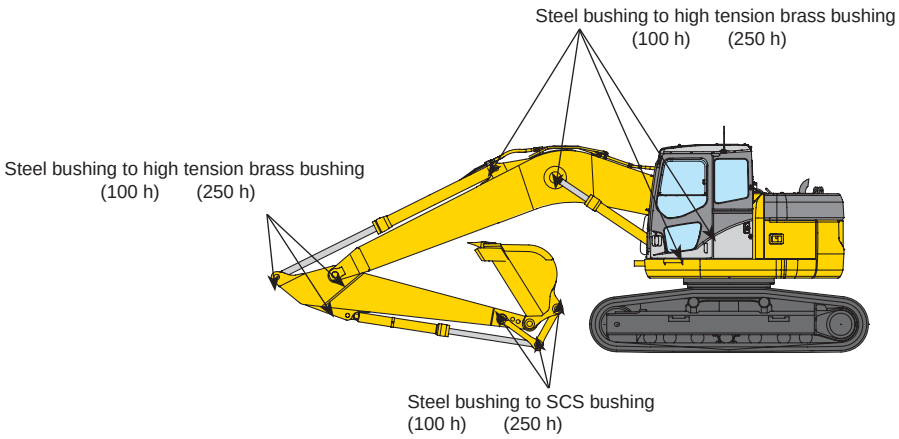


Greasing interval increased

High-tension brass bushings are used for the work equipment pins and SCS bushings are used for the bucket pins (except arm top pin) to greatly increase greasing intervals. SCS bushings: Sintered (Carburized) iron, pores of which are filled with oil of high viscosity and special lubricant, has high resistance to wear by soil and sand.

		PC228US-3	PC228US-2
Greasing	Bucket parts	250 h*	100 h
	Other work equipment parts	250 h	100 h
Consumable parts	Engine oil	500 h	250 h
	Engine oil filter element	500 h	250 h
	Hydraulic oil	5.000 h	5.000 h
	Hydraulic oil filter element	1.000 h	500 h
	Fuel filter	500 h	500 h

* Armtop only



Easier radiator cleaning

Oil cooler, after cooler and radiator are arranged in a line. You can clean the radiator easily. You also can remove and install radiator and install radiator and oil cooler independently.

Safety features

Large handrail is installed for getting on/off machine safely

Steps with no-skid sheet provide anti-slip footing for maintenance

SPECIFICATIONS

ENGINE

Model ..... Komatsu SAA6D102E
Type ..... 4-cycle, direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Rated capacity ..... 107 kW/143 HP (SAE J1349)
at engine speed ..... 1.950 rpm
No. of cylinders 6
Bore/stroke ..... 102/120 mm
Displacement ..... 5,88 ltr
Governor ..... All-speed, mechanical
Engine emissions ..... Meets 2001 EPA Tier II emission standards

HYDRAULIC SYSTEM

Type ..... HydrauMind. Closed-centre system with load sensing and pressure compensation valves
Number of selectable working modes 4
Main pump ..... Variable-capacity piston pump
Pumps for ..... Boom, arm, bucket, swing, and travel circuits
Maximum pump flow ..... 428 ltr/min
Supply for control circuit ..... Self-reducing valve
Hydraulic motors:
Travel ..... 2 x axial piston motor with parking brake
Swing ..... 1 x axial piston motor with swing holding brake
Relief valve settings:
Implement ..... 355 kg/cm²
Travel ..... 380 kg/cm²
Swing ..... 285 kg/cm²
Pilot ..... 33 kg/cm²
Hydraulic cylinders (No. of cylinders – bore x stroke):
Boom ..... 2 – 120 mm × 1.385 mm
Arm ..... 1 – 135 mm × 1.490 mm
Bucket ..... 1 – 115 mm × 1.120 mm

CABIN

The newly designed, strengthened full press cab has realized and ideal, strengthenend frame structure with greater overall rigidity.
Meets OPG (Operator protection guard) level 1, ISO 10262.
Noise levels: LpA 73 dB(A) (ISO 6369 dynamic test),
LwA 102 dB(A) (2000/14/EC Stage II).

SWING SYSTEM

Type ..... Hydrostatic
Swing reduction ..... Planetary double reduction
Swing circle lubrication ..... Grease-bathed
Swing lock ..... Oil disc brake
Swing speed ..... 11,0 rpm

DRIVES AND BRAKES

Steering control ..... 2 levers with pedals
Drive method ..... Hydrostatic
Travel motor ..... Axial piston motor, in-shoe design
Reduction system ..... Planetary double reduction
Max. drawbar pull ..... 20.600 kg
Max. travel speeds
Lo / Mi / Hi ..... 3,0 / 4,1 / 5,5 km/h
Service brake ..... Hydraulic lock
Parking brake ..... Oil disc brake

UNDERCARRIAGE

Construction ..... X-frame centre section with box section track-frames
Track assembly
Type ..... Fully sealed
Shoes (each side) 45 (PC228US-3), 49 (PC228USLC-3)
Tension ..... Hydraulic
Rollers
Track rollers (each side) 7 (PC228US-3), 9 (PC228USLC-3)
Carrier rollers (each side) 2

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank ..... 320 ltr
Radiator ..... 22,4 ltr
Engine ..... 24 ltr
Final drive (each side) ..... 5,2 ltr
Swing drive ..... 6,6 ltr
Hydraulic tank ..... 126 ltr

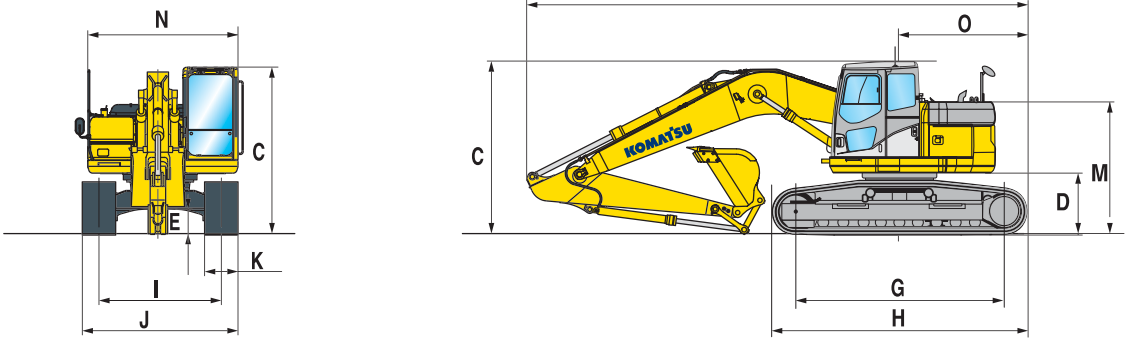
OPERATING WEIGHT (APPR.)

Operating weight, including 5.700 mm one piece boom, two piece boom, 2.925 mm arm, SAE heaped 0,78 m³ backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

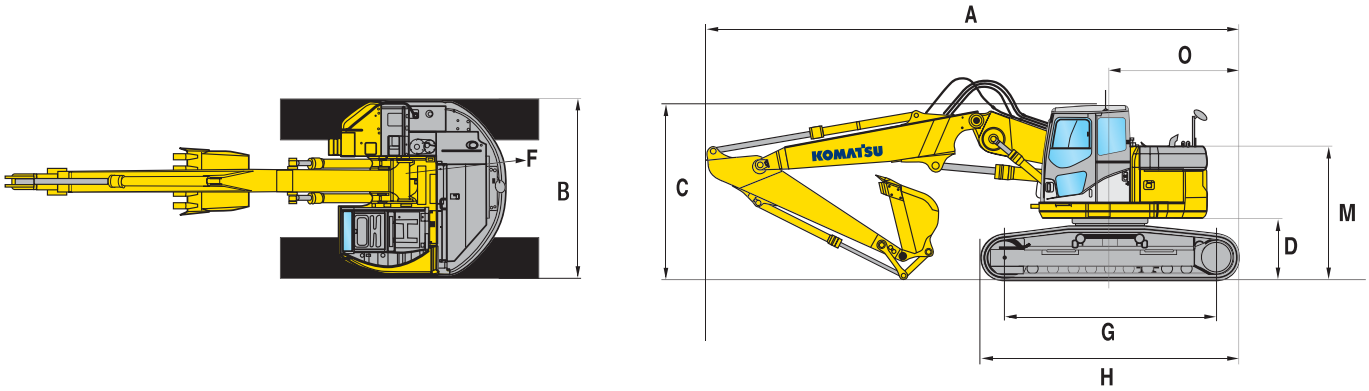
	MONO BOOM				TWO PIECE BOOM	
	PC228US-3		PC228USLC-3		PC228USLC-3	
Triple grouser shoes	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure
600 mm	21.500 kg	0,51 kg/cm²	22.605 kg	0,47 kg/cm²	23.600 kg	0,49 kg/cm²
700 mm	–	–	22.900 kg	0,41 kg/cm²	23.850 kg	0,43 kg/cm²

DIMENSIONS

MONO BOOM



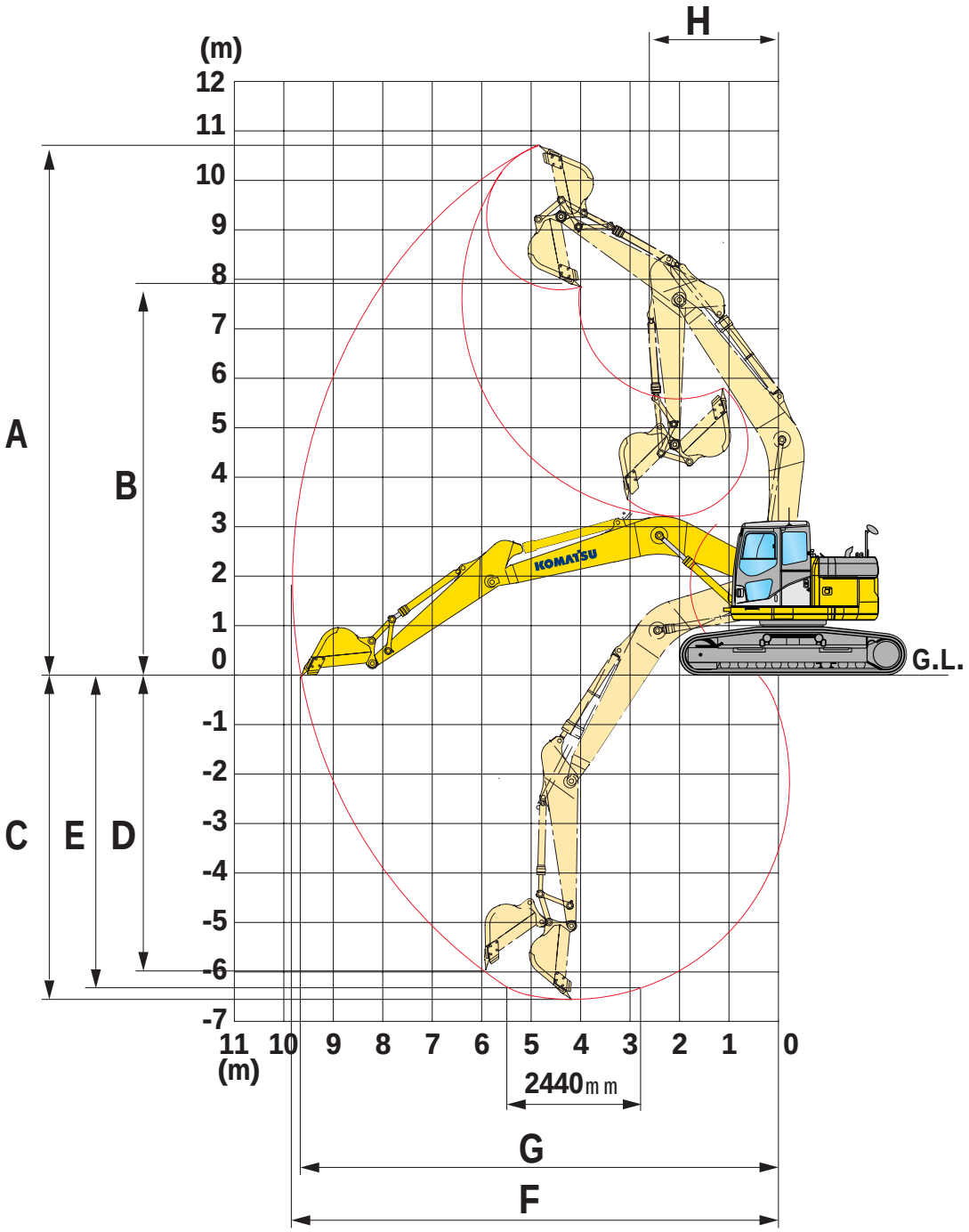
TWO PIECE BOOM



ARM LENGTH		MONO BOOM		TWO PIECE BOOM
		PC228US-3	PC228USLC-3	PC228USLC-3
	Arm	2.925 mm	2.925 mm	2.925 mm
A	Overall length	8.700 mm	8.890 mm	9.285 mm
B	Overall width	2.980 mm	3.080 mm	3.080 mm
C	Overall height (to top of cab)	3.010 mm	3.010 mm	3.010 mm
D	Ground clearance, counterweight	1.060 mm	1.060 mm	1.060 mm
E	Minimum ground clearance	440 mm	440 mm	440 mm
F	Tail swing radius	1.680 mm	1.680 mm	1.680 mm
G	Length of track on ground	3.270 mm	3.640 mm	3.640 mm
H	Track length	4.080 mm	4.450 mm	4.450 mm
I	Track gauge	2.200 mm	2.380 mm	2.380 mm
J	Width of crawler	2.800 mm	3.080 mm	3.080 mm
K	Shoe width	600 mm	700 mm	700 mm
L	Grouser height	26 mm	26 mm	26 mm
M	Machine cab height	2.285 mm	2.285 mm	2.285 mm
N	Upper structure width	2.980 mm	2.980 mm	2.980 mm
O	Distance, swing center to rear end	1.680 mm	1.680 mm	1.680 mm

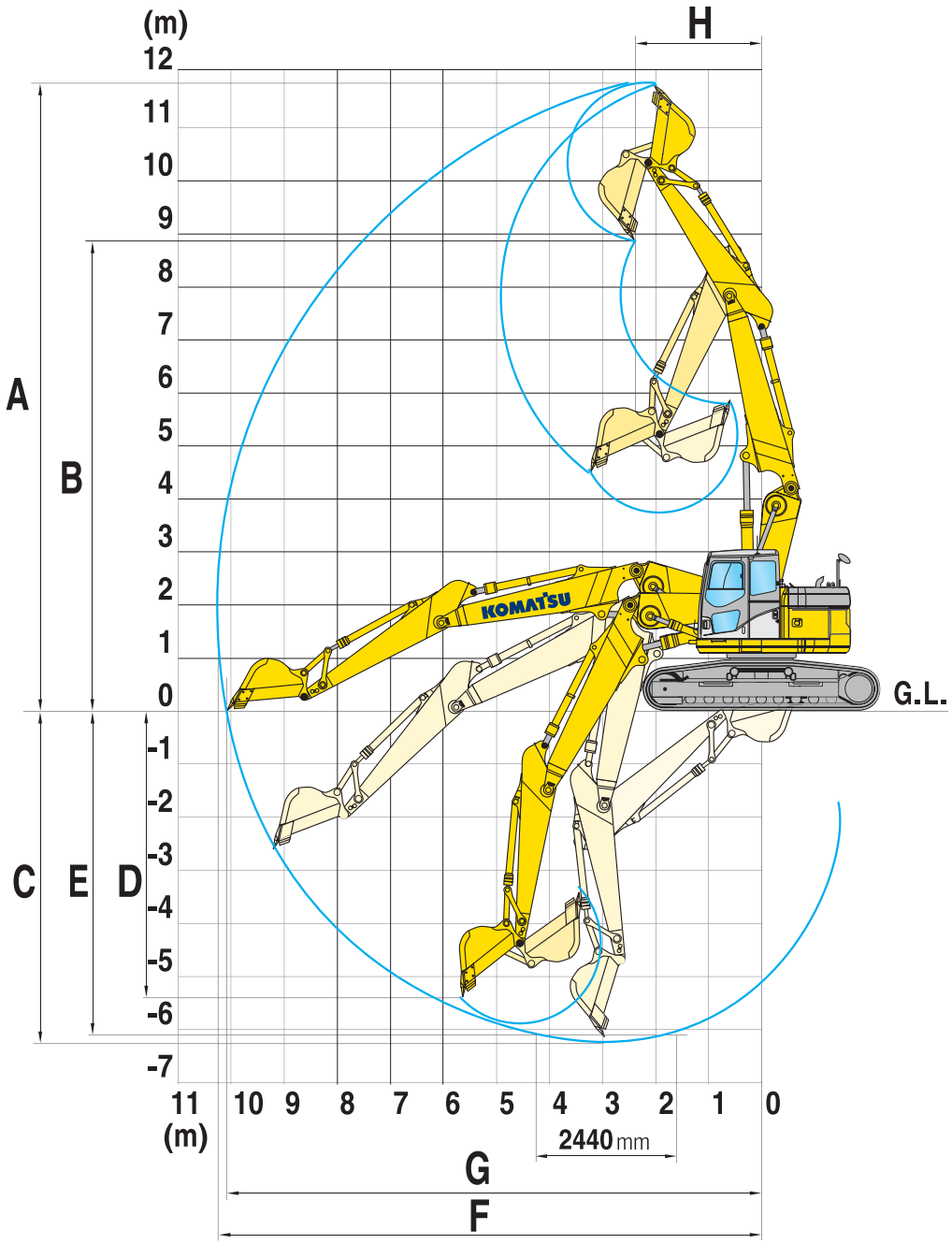
WORKING RANGE

MONO BOOM



ARM LENGTH		2.925 mm
A	Max. digging height	10.700 mm
B	Max. dumping height	7.825 mm
C	Max. digging depth	6.620 mm
D	Max. vertical wall digging depth	5.980 mm
E	Max. digging depth of cut for 2,44 m level	6.370 mm
F	Max. digging reach	9.875 mm
G	Max. digging reach at ground level	9.700 mm
H	Min. swing radius	2.310 mm

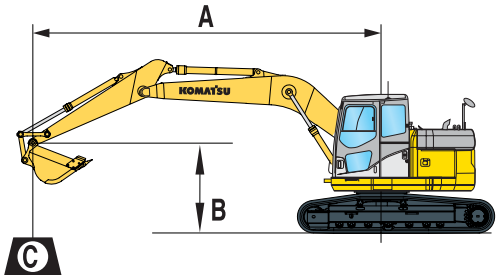
TWO PIECE BOOM



ARM LENGTH		2.925 m
A	Max. digging height	11.790 mm
B	Max. dumping height	8.830 mm
C	Max. digging depth	6.225 mm
D	Max. vertical wall digging depth	5.350 mm
E	Max. digging depth of cut for 2,44 m level	6.050 mm
F	Max. digging reach	10.270 mm
G	Max. digging reach at ground level	10.095 mm
H	Min. swing radius	2.370 mm

LIFTING CAPACITY

MONO BOOM



A – Reach from swing center

B – Bucket hook height

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

– Rating over front

– Rating over side

– Rating at maximum reach

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

With 600 mm shoe

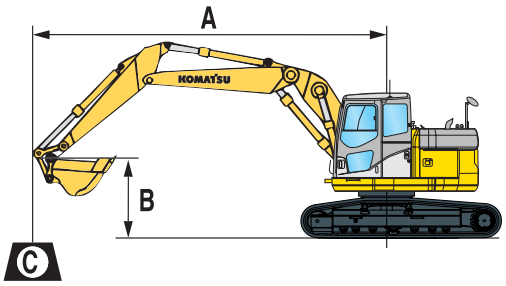
Arm length	A / B		7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	
PC228USLC-3	6,0 m	kg	*2.700	*2.700	3.250	2.950	*3.950	*3.950				
2.925 mm	4,5 m	kg	*2.750	2.400	*4.500	2.900	*4.650	4.300	*5.000	*5.000		
625 kg 0,78 m³	3,0 m	kg	*2.900	2.150	4.850	2.800	*5.650	4.150	*7.100	6.500	*11.050	*11.050
700 mm shoes	1,5 m	kg	*3.150	2.050	4.750	2.700	*6.750	3.900	*9.200	6.050	*6.850	*6.850
	0 m	kg	*3.650	2.100	4.600	2.600	6.600	3.700	10.600	5.700	*7.650	*7.650
	-1,5 m	kg	4.100	2.300	4.550	2.550	6.500	3.600	10.450	5.600	*10.800	*10.800
	-3,0 m	kg	4.900	2.750			6.500	3.600	10.450	5.600	*15.550	11.200
	-4,5 m	kg	6.800	3.850					*9.950	5.800	*14.500	11.550

PC228USLC-3	6,0 m	kg	*2.700	*2.700	*3.250	2.900	*3.950	*3.950				
2.925 mm	4,5 m	kg	*2.750	2.300	*4.500	2.850	*4.650	4.250	*5.000	*5.000		
625 kg 0,78 m³	3,0 m	kg	*2.900	2.100	4.750	2.750	*5.650	4.050	*7.100	6.450	*11.050	*11.050
600 mm shoes	1,5 m	kg	*3.150	2.000	4.650	2.650	6.650	3.800	*9.200	5.900	*6.850	*6.850
	0 m	kg	*3.650	2.050	4.550	2.550	6.450	3.600	10.450	5.600	*7.650	*7.650
	-1,5 m	kg	4.050	2.250	4.500	2.500	6.350	3.500	10.300	5.450	*10.800	10.750
	-3,0 m	kg	4.800	2.700			6.350	3.500	10.300	5.500	*15.550	10.950
	-4,5 m	kg	6.700	3.750					*9.950	5.650	*14.500	11.300

PC228US-3	6,0 m	kg	*2.700	2.350	*3.250	2.450	*3.950	3.800				
2.925 mm	4,5 m	kg	*2.750	1.950	3.950	2.450	*4.650	3.700	*5.000	*5.000		
625 kg 0,78 m³	3,0 m	kg	*2.900	1.750	3.850	2.350	*5.600	3.500	*7.100	5.600	*11.050	10.700
600 mm shoes	1,5 m	kg	2.900	1.700	3.750	2.250	5.400	3.250	8.550	5.100	*6.850	*6.850
	0 m	kg	2.950	1.700	3.650	2.150	5.200	3.050	8.250	4.750	*7.650	*7.650
	-1,5 m	kg	3.250	1.850	3.600	2.100	5.050	2.950	8.100	4.650	*10.800	9.000
	-3,0 m	kg	3.850	2.250			5.100	2.950	8.100	4.650	*15.550	9.150
	-4,5 m	kg	5.350	3.200					8.300	4.800	*14.500	9.500

* 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.

TWO PIECE BOOM



A – Reach from swing center

B – Bucket hook height

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

– Rating over front

– Rating over side

– Rating at maximum reach

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

With 600 mm shoe

Arm length	A / B		7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	
PC228USLC-3 2.925 mm 625 kg 0,78 m³ 700 mm shoes	6,0 m	kg	*2.900	2.500	*4.200	2.900	*4.250	4.250	*4.400	*4.400		
	4,5 m	kg	*2.850	2.100	*4.450	2.850	*4.850	4.300	*5.660	*5.650	*7.200	*7.200
	3,0 m	kg	*2.950	1.900	4.750	2.700	*5.750	4.050	*7.450	6.500		
	1,5 m	kg	*3.200	1.800	4.600	2.550	6.600	3.750	*9.250	5.850		
	0 m	kg	3.400	1.850	4.550	2.450	6.350	3.550	10.300	5.500	*6.450	*6.450
	-1,5 m	kg	3.700	2.000	4.400	2.400	6.250	3.450	10.150	5.350	*9.950	*9.950
	-3,0 m	kg			4.450	2.450	6.250	3.450	10.200	5.450		
	-4,5 m	kg										

PC228USLC-3 2.925 mm 625 kg 0,78 m³ 600 mm shoes	6,0 m	kg	*2.900	2.450	*4.200	2.850	*4.250	*4.250	*4.400	*4.400		
	4,5 m	kg	*2.850	2.050	*4.450	2.800	*4.850	4.250	*5.650	*5.650	*7.200	*7.200
	3,0 m	kg	*2.950	1.850	4.650	2.650	*5.750	4.000	*7.450	6.400		
	1,5 m	kg	*3.200	1.750	4.500	2.550	6.500	3.700	*9.250	5.800		
	0 m	kg	3.350	1.800	4.400	2.400	6.250	3.450	10.150	5.400	*6.450	*6.450
	-1,5 m	kg	3.650	2.000	4.300	2.350	6.150	3.350	10.000	5.300	*9.950	*9.950
	-3,0 m	kg			4.350	2.400	6.200	3.400	10.050	5.350		
	-4,5 m	kg										

PC228US-3 2.925 mm 625 kg 0,78 m³ 600 mm shoes	6,0 m	kg	*2.900	2.050	3.900	2.450	*4.250	3.850	*4.400	*4.400		
	4,5 m	kg	*2.850	1.700	3.850	2.350	*4.850	3.700	*5.650	*5.650	*7.200	*7.200
	3,0 m	kg	2.650	1.500	3.700	2.250	5.450	3.400	*7.450	5.500		
	1,5 m	kg	2.550	1.450	3.550	2.100	5.150	3.100	8.250	4.900		
	0 m	kg	2.600	1.450	3.450	2.000	4.900	2.900	7.850	4.550	*6.450	*6.450
	-1,5 m	kg	2.850	1.600	3.400	1.950	4.800	2.800	7.700	4.400	*9.950	8.750
	-3,0 m	kg	3.400	1.950	3.400	2.000	4.800	2.800	7.750	4.450		
	-4,5 m	kg										

* 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

- Air cleaner, double element with auto dust evacuation
- Air conditioner/heater
- Alternator 60 A
- Arm: 2.925 mm HCU assembly includes piping for one additional function
- Boom holding valve
- Hydraulic control unit: 1 additional actuator, 2 additional actuator prep.
- Batteries 110 Ah/2 × 12 V
- Cab which includes: antenna, floormat, intermittent wiper and washer, large ceiling hatch, pull-up front window, openable rear window, removable lower windshield, sliding seat, tinted safety glass
- Cooling fan, mixed flow with fan guard
- Counterweight 6.335 kg
- Dustproof net for radiator and oil cooler
- Instrument panel
- Light, one front
- Pump/engine room partition cover
- Standard shoes: 600 mm triple grouser shoes (PC228US/LC)
- Starting motor 5,5 kW
- Track guiding guards
- Turbocharger exhaust manifold cover
- Cabin fully sealed
- Multifunction colour monitor with equipment management monitoring system (EMMS)

OPTIONAL EQUIPMENT

- Shoes:
  600 mm triple grouser shoes
  700 mm triple grouser shoes
  800 mm triple grouser shoes
- Front window guard (half)
- Mono boom
- Two piece boom

KOMATSU®

Komatsu Europe International NV
Mechelsesteenweg 586
B-1800 VILVOORDE (BELGIUM)
Tel. +32-2-255 24 11
Fax +32-2-252 19 81
www.komatsueurope.com

UESS005303 01/2006

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

**Printed in Europe – 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.**