

CRAWLER EXCAVATOR SERIES PC240-6

KOMATSU



The machine shown may vary according to territory specifications

HYDRAULIC EXCAVATOR **PC240-6**

MODELS PC240LC-6, PC240NLC-6

active

Designed and manufactured in Europe, for European preferences and needs, the (PC 240-6) delivers the ultimate balance of productivity, reliability, and operator comfort. Komatsu's on-board, patented HydraMind hydraulic system assists every operation with versatile machine performance criteria that's always perfectly matched to each task.

ENGINE POWER:	118 KW (158 HP) SAEJ1349
BUCKET CAPACITY:	up to 1.9 m³ SAE
WEIGHT RANGE:	up to 25344 kg

PC240-6





Crawler excavators in this weight class carry out an enormous variety of tasks. To be effective, a machine must be productive, stable and capable of handling a wide range of attachments. The new PC240 dash-6 active plus meets these requirements as one of the most advanced excavators available today.

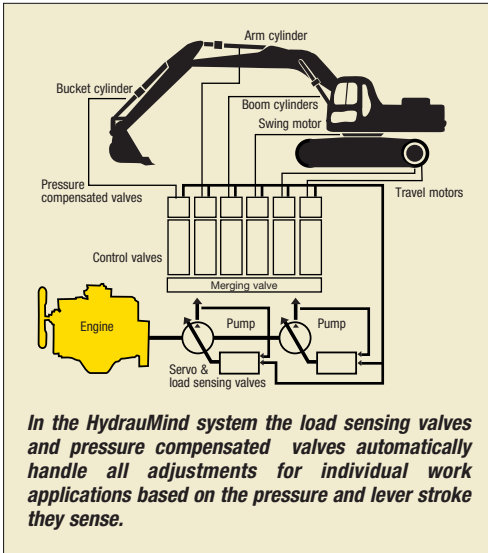
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HYDRAUMIND

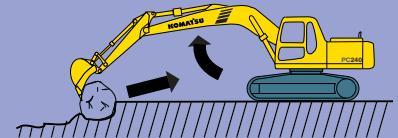


What is HYDRAUMIND?

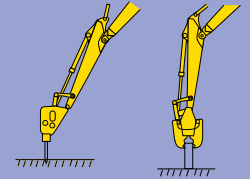


The PC240-6 is equipped with HydraMind, Komatsu's unique hydraulic system.

HydraMind is one of the most sophisticated hydraulic systems currently available, and is unique to Komatsu. Komatsu hydraulics technology is truly world-class, with over 200 patents pending for HydraMind.



Working through soft rock or pulling up boulders is easy because the system precisely controls boom raise, preventing the cutting edge from slipping.



The modular design concept of HydraMind makes it easy to add additional hydraulic circuits.

Benefits of HYDRAUMIND

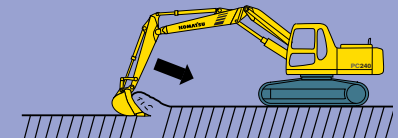
Power, versatility, manoeuvrability, controllability - you name it. Never has there been an excavator so easy to operate, so natural, so intuitive, so responsive.

For example, when digging and the ground condition changes....

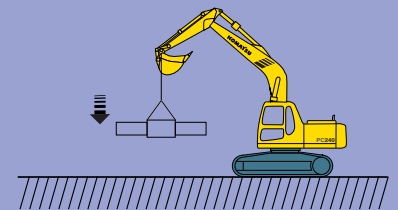
you don't have to think about changing lever strokes because HydraMind - instantly, silently and automatically sends just the right amount of oil to the cylinders, at just the right pressure to accommodate the change.

When you move the boom, arm and bucket at the same time....

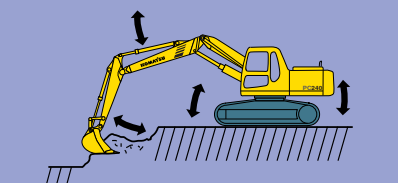
all the equipment works naturally with the optimum combination of speed and power, as if it were a human hand.



Fully loading buckets is easy, because during simultaneous operations the work equipment can move slowly under maximum power.



Fine-control is quick and precise because the system keeps work equipment speed constant, no matter what size the load.



Chassis shake is reduced during simultaneous operations because the work load causes no sudden changes in the work equipment speed.



PRODUCTIVE AND FLEXIBLE

Like all Komatsu dash-6 excavators, the PC240-6 has power, speed and control to give exceptional productivity.

Engine power

The starting point for productivity is engine power. The turbo-charged engine not only delivers a huge 158 HP, it is also fuel efficient and meets all current emissions and noise standards. Fuel consumption and noise is further improved using the auto-deceleration system, which automatically reduces engine speed when the wrist control levers are in neutral.



Fast and powerful digging

Engine power, high pump output and the control of the HydrauMind hydraulic system all contribute to give an excavator with exceptionally fast and powerful digging forces.



Additional hydraulic circuits

Additional hydraulic circuits are optionally available converting the machine into a highly versatile tool carrier. To reduce exposure to potential damage in confined working environments, the hydraulic lines have been carefully routed close to the boom and arm.

EASY OPERATION

Working Mode Selection

Five working modes are designed to deliver optimal overall machine performance for heavy-duty, general, finishing, lifting and breaker operations. When selected, the mode governs the most efficient combination of engine speed, pump speed and system pressure for the task.

The G/O mode has proven to be exceptional as a general running mode, delivering substantial savings in fuel, based on a measure of tonnes excavated/litre of fuel.

Working Mode	Application	Advantage
H/O	for heavy operations such as hard digging and loading	<ul style="list-style-type: none"> • Maximum production and power • Fast cycle times • Power Max/ Swift Slow Down modes available
G/O	for general operations with exceptional fuel economy	<ul style="list-style-type: none"> • Good cycle times • Exceptional fuel economy • Power Max/ Swift Slow Down modes available
F/O	for finishing operations that require fine control with task-matched work equipment speeds	<ul style="list-style-type: none"> • Smooth finishing capability • Arm at half-speed
L/O	for precise, powerful lifting operations	<ul style="list-style-type: none"> • Increased, continuous relief pressure • Reduced speed • Fine precision control
B/O	for powerful breaker operations	<ul style="list-style-type: none"> • Optimal pressure and flow • Optimum engine rpms

Power Max/Swift Slow Down

Power Max can be selected by depressing a joystick button for an instant burst of power to help break through tough digging situations. Swift Slow Down joystick activated to diminish all work equipment speeds to half, allowing finishing and delicate operations to be carried out with ultimate precision.

Selection	Application	Result
Power up	Tough Digging Operations	Increase implement force by 9% for 8.5 seconds
Speed down	Delicate Operations	Speed is reduced by 1/2. Increase implement force by 9% as long as joystick button is pressed.



Active Mode

When productivity is the highest-level priority, the Active mode is the ideal supplement to the five working modes. It increases engine speed, pump flow, and boom-down speed, to increase productivity by up to 10% greater than operations in the H/O Heavy Duty working mode.

The new "Active" logo with the green "+" confirms that the machine has all of the popular Komatsu "Active" attributes, plus a generous new offering of on-board operator comforts for a better, more productive work environment.

active

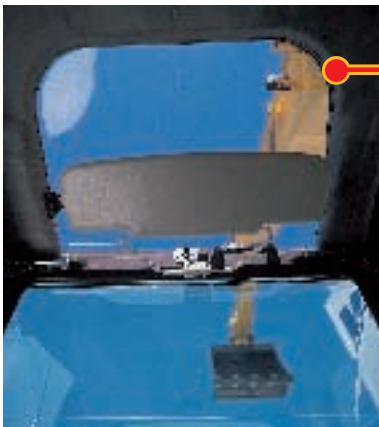
OPERATOR COMFORT

All sources of operator fatigue have been carefully considered during the design process. The result is a cab offering unparalleled space and ergonomics, combined with exceptionally low vibration and noise.



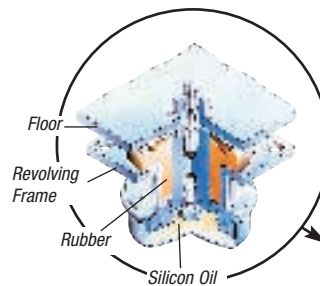
Outstanding operator space

The cab offers unparalleled space for the operator, with generous leg and headroom as well as a large space to store personal belongings behind the seat. The multi-adjustable seat and controls can be set to create the ideal individual working position for any operator.



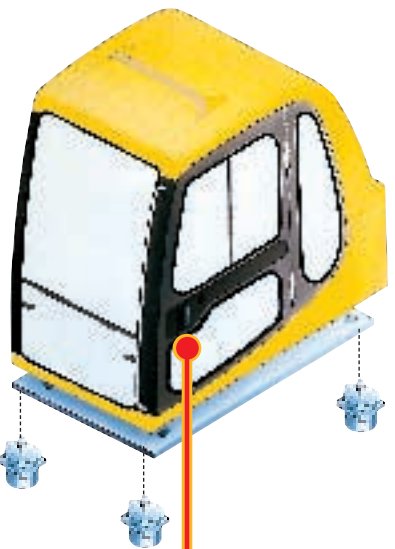
Superb visibility

Plexiglas roof with sun visor. The optional new plexiglas roof with sun visor gives the operator a better view of overhead obstacles and machine operations. It also allows more natural light to illuminate the cab's interior.



Quieter cab

Viscous damping cab mounts ensure a quieter work environment, reducing operator fatigue whilst helping concentration.



CONTROL

Komatsu was the first to introduce computer control into excavators. The latest control system used by the PC240-6 is sophisticated but easy to use.



Front visibility is further improved by the use of the Komatsu patented wiper system. When not in use the wiper parks on the cab frame itself with no contact with the front window. As well as giving excellent visibility, this systems avoids the need to disconnect the wiper before lifting the front window.



The new, secure beverage holder is thoughtfully placed within the sight and easy reach of the operator.



Now, factory-wired 4-switch levers can be specified when ordering a new machine. Installed at the time of manufacture, the wires integrate within the standard internal harness, giving secure and easy expansion to connect additional functionalities. The wrist control levers are elevated for comfortable hand access.



Optional air suspension heated seat
The new, optional air suspension heated seat is the ultimate in comfort for operators who work long hours in cold climates.



12v in-cab power supply
A 12v, in-cab power supply is now standard-installed, in addition to the normal 24v service. It's a welcome addition for operators who want services such as powering or recharging their mobile phones.



Four Diagnostic Modes

1. Time Display mode

The default setting. It shows the time and hours meter.

2. User Code Display mode

Displays a trouble code and sounds an alarm when a problem has been detected.

3. Trouble Data Memory mode

Monitors 32 separate items and stores up to 20 abnormalities over 999 hours for effective troubleshooting.

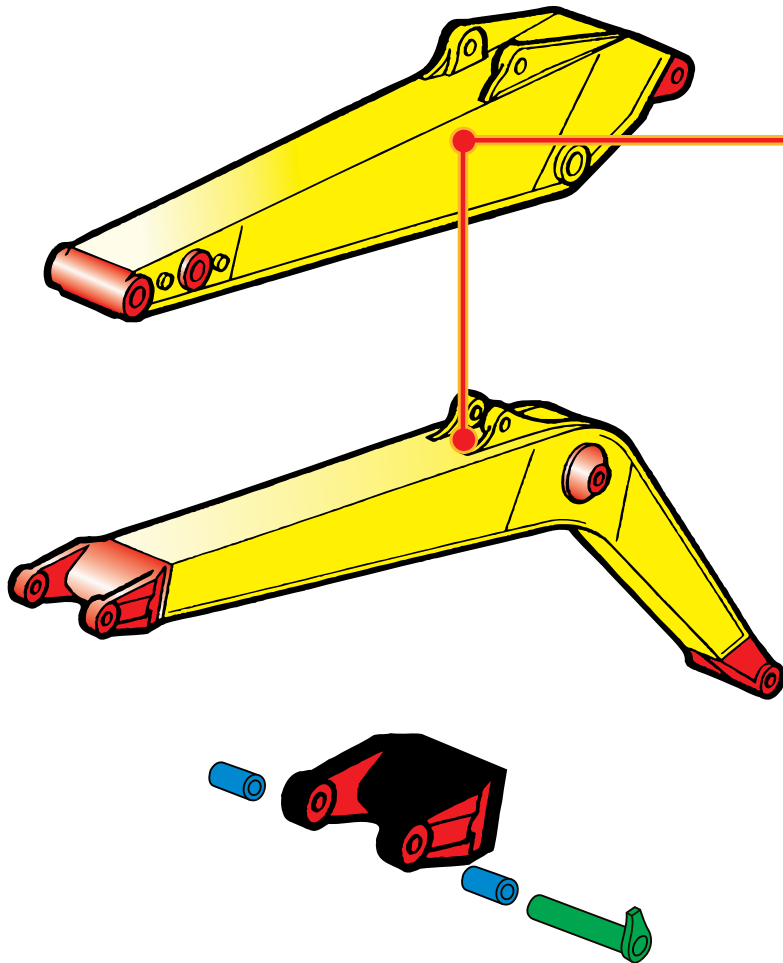
4. Operation Data mode

20 operating parameters, for example engine speed and hydraulic pressure, are continuously monitored so the operator can be informed immediately of a problem. In addition, service engineers can carry out electrical connection diagnostics.

Together these 4 diagnostic modes allow troubleshooting of 119 different potential problems to keep the machine operating at peak performance.

DURABILITY AND RELIABILITY

Komatsu has years of experience in the design and manufacture of hydraulic excavators. All of this experience has been used to make the PC240-6 exceptionally durable, even in the most arduous of applications.



Designed and built for strength.

Using the latest computer aided design techniques and exhaustive testing, the boom and arm designs have been optimised for strength and durability. A key feature is the extensive use of large castings, which distribute load evenly in high stress areas. The boom top and bottom plates are manufactured from single plates, again to distribute loads evenly and avoid potential weak points.

The highly automated manufacturing process uses the very latest equipment and quality control techniques. Critical welding is carried out by robots to ensure an extremely high quality and consistent product.

Precision engineered pin and bush system. The key work equipment joints use a chrome plated pin and bronze bushing system to provide minimal play and extended durability.

X-frame undercarriage.

The X-frame undercarriage is a well-proven, Komatsu design used throughout the excavator range. The 'X'-design minimises distortion and twisting of the outer track-frames. This not only gives a long service life, but is also a significant factor in the stability of the excavator. Track-frame under-guards are installed as standard to protect the hydraulic components.

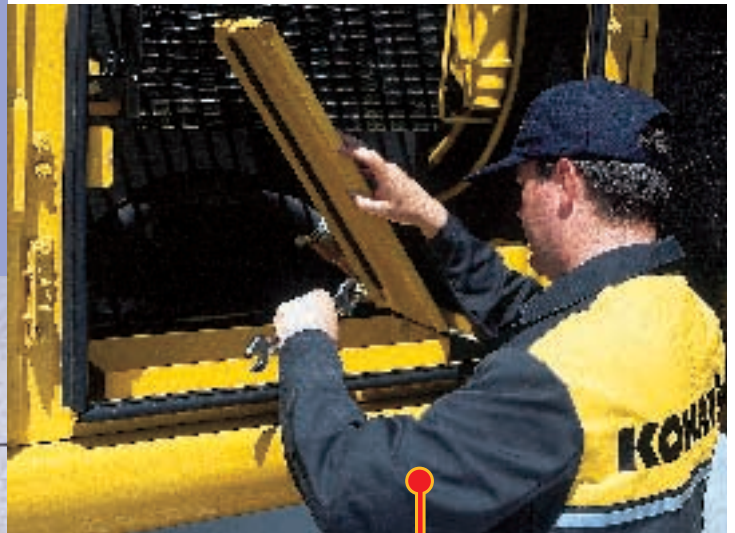
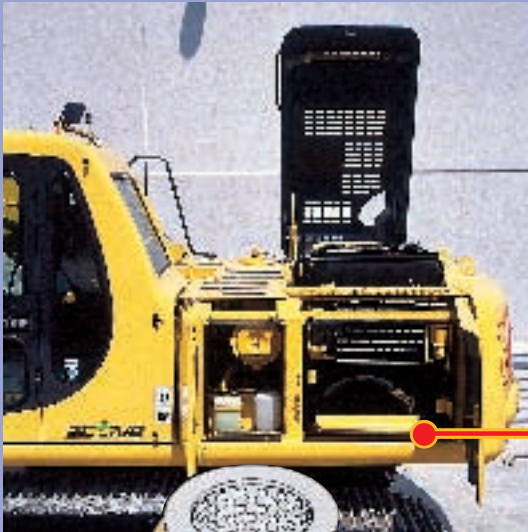


Optional full-length track roller guard

The new, full-length track roller guard prevents rocks from entering the tracks, reducing internal track wear. It also assists as a supplementary track guide.

SERVICEABILITY

Rapid and effective servicing and diagnostics are essential for machine availability and reduced servicing costs.



Accessible service locations

The operator and service staff can safely climb onto the machine using the large handrails and access all service locations easily through the wide opening doors and hoods. Service details include centralised greasing points and full guarding of the turbo-charger, fan and ancillary drive belts. Re-fuelling is quickly accomplished using the standard re-fuel pump.

Komatsu service support

Full service support is available through the Komatsu distributor network, backed-up by excellent parts availability from the Komatsu European parts distribution centre.

Extended hydraulic oil change intervals.

The introduction of a new hybrid filter has extended the filter change interval to 500 hours and the oil itself now only needs to be replaced every 5 000 hours. For the engine oil intervals we have incorporated a new oil change indicator into the monitor panel. This warns the operator when a pre-set number of operating hours has elapsed, and displays the pre-set telephone number of the nearest Komatsu service centre.

Automatic greasing

Increase your productivity and reduce the maintenance costs with the optional factory installed Komatsu automatic greasing system (optional).

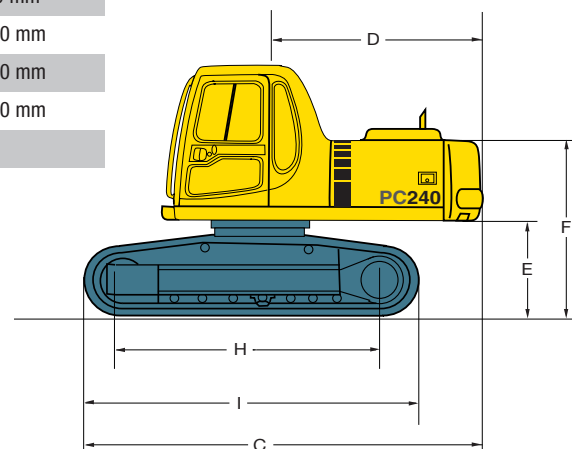
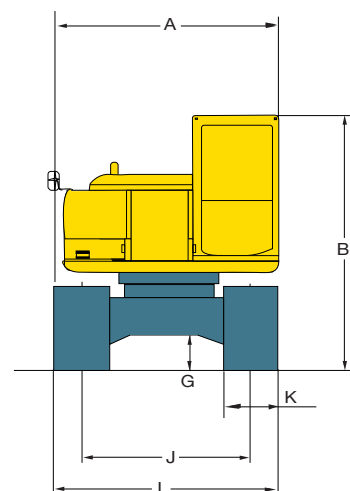


MACHINE DIMENSIONS

PC240-6

PC240LC-6 / PC240NLC-6

	PC240LC-6	PC240NLC-6
A Overall width of upper structure	3280 mm	2980 mm
B Overall height of cab	2905 mm	2905 mm
C Overall length of basic machine	5170 mm	5073 mm
D Tail length	2850 mm	2850 mm
Tail swing radius	2860 mm	2860 mm
E Clearance under counterweight	1070 mm	1070 mm
F Machine cab height	2005 mm	2005 mm
G Ground clearance	440 mm	440 mm
H Track length on ground	3830 mm	3640 mm
I Track length	4640 mm	4450 mm
J Track gauge	2580 mm	2380 mm
K Track shoe width	600 mm - 700 mm - 800 mm - 900 mm	
L Overall track width with 600 mm shoe	3180 mm	2980 mm
700 mm shoe	3280 mm	3080 mm
Overall track width with 800 mm shoe	3380 mm	3180 mm
900 mm shoe	3480 mm	-



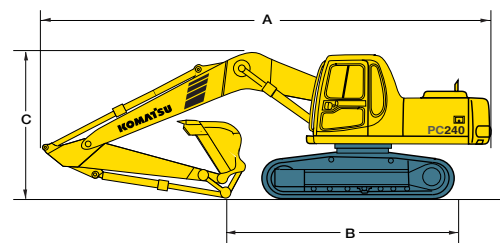
TRANSPORTATION DIMENSIONS

PC240-6

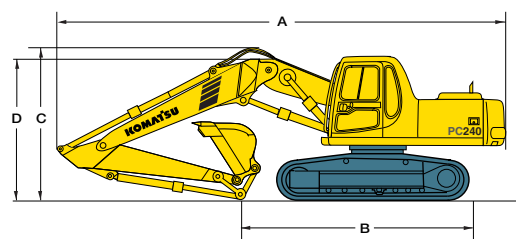
PC240LC-6 / PC240NLC-6

	ONE-PIECE BOOM			TWO-PIECE BOOM		
Arm	2000 mm	2500 mm	3000 mm	2000 mm	2500 mm	3000 mm
PC240LC-6	A 9735 mm	B 9830 mm	C 9780 mm	D 9689 mm	E 9716 mm	F 9717 mm
	B 7515 mm	C 7390 mm	D 6610 mm	E 6692 mm	F 6258 mm	G 5487 mm
	C 3005 mm	D 3255 mm	E 3160 mm	F 3267 mm	G 3467 mm	H 3396 mm
	D -	E -	F -	G 3032 mm	H 3178 mm	I 3122 mm
PC240NLC-6	A 9735 mm	B 9830 mm	C 9780 mm	D 9689 mm	E 9716 mm	F 9717 mm
	B 7420 mm	C 7295 mm	D 6575 mm	E 6597 mm	F 6163 mm	G 5392 mm
	C 3005 mm	D 3255 mm	E 3160 mm	F 3267 mm	G 3467 mm	H 3396 mm
	D -	E -	F -	G 3032 mm	H 3178 mm	I 3122 mm

ONE-PIECE BOOM



TWO-PIECE BOOM



ENGINE

Type 6 cylinder, direct injection, turbo charged, intercooled diesel,
 Model Komatsu SA6D102E
 Power rating
 SAE J1349 (Gross) 124 kW (166 HP) at 2100 rpm
 SAE J1349 (Net) 118 kW (158 HP) at 2100 rpm
 Bore x stroke 102mm x 120mm
 Piston displacement 5.88 litre
 Air-cleaning and cooling Double element type with monitor panel dust indicator and auto dust evacuator.
 Suction type cooling fan with radiator flyscreen.

ELECTRICAL SYSTEM

Alternator 24 Volt 55 ampere
 Batteries 2 x 12 Volt 105 Ah
 Starter motor 24 Volt 5.2 kW

HYDRAULIC SYSTEMS

Type HydraMind. Closed-centre system with load sensing and pressure compensation valves.
 Additional circuits Depending on specification upto 2 additional circuits can be installed, with flow-control available on the first circuit.
 Main pump Variable displacement piston pumps supplying boom, arm, bucket, swing and travel circuits
 Maximum pump flow 2 x 216 litre/min
 Relief valve settings
 Implement (Standard) 325 kg/cm²
 Implement (Power Max) 355 kg/cm²
 Travel 355 kg/cm²
 Swing 280 kg/cm²
 Pilot circuit 33 kg/cm²

DRIVES & BRAKES

Steering control 2 levers with pedals giving full independent control of each track.
 Drive method Enclosed variable displacement axial piston motor driving through planetary double reduction gearbox for each track.
 Travel operation Automatic 3-speed selection
 Travel speeds Lo / Mi / Hi 3.4 / 4.5 / 5.5 km/h
 Maximum drawbar pull 17,700kg
 Brake system Hydraulically operated discs in each travel motor.

SWING SYSTEM

Type Axial piston motor driving through planetary double reduction gearbox.
 Swing lock Electrically actuated wet multi-disc brake integrated into swing motor.
 Swing speed 0 to 12.4rpm

UNDERCARRIAGE

Construction X-frame centre section with box section track-frames
 Track assembly
 Type Fully sealed.
 Shoes (each side) 51 (PC240LC), 49 (PC240NLC)
 Tension Combined spring and hydraulic unit
 Rollers
 Track rollers (each side) 10 (PC240LC), 9 (PC240NLC)
 Carrier rollers (each side) 2

ENVIRONMENT

Engine emissions Fully complies with proposed EC stage 1 exhaust emission regulations.
 Noise levels (95/27/EC - dynamic values)
 LWA External noise 105dB(A)
 LPA Operator ear noise 77dB(A)

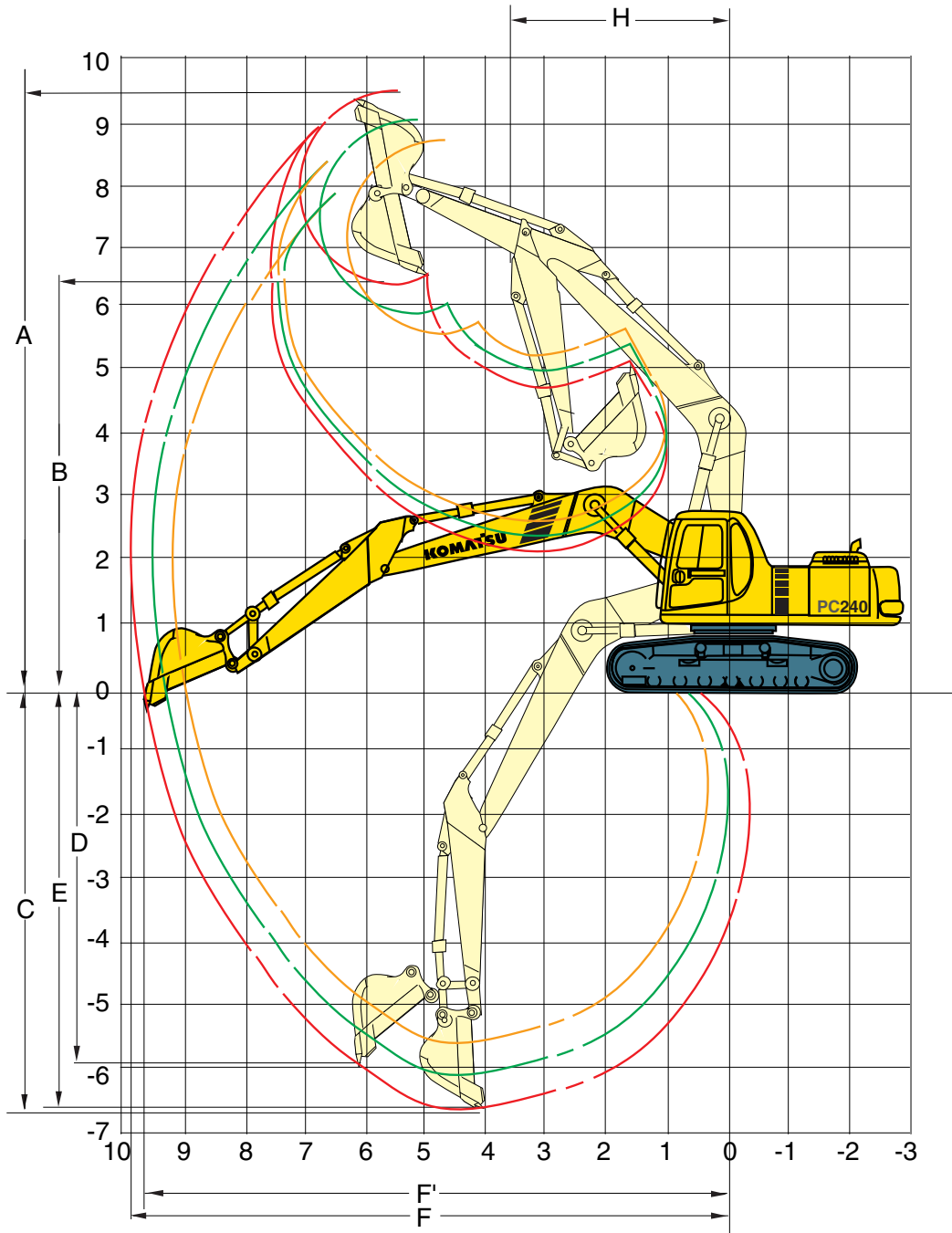
SERVICE/REFILL CAPACITIES

Fuel tank 340.0 ltr
 Radiator 22.2 ltr
 Engine 24.0 ltr
 Swing drive 5.5 ltr
 Hydraulic tank 166.0 ltr
 Final drive (each side) 4.2 ltr

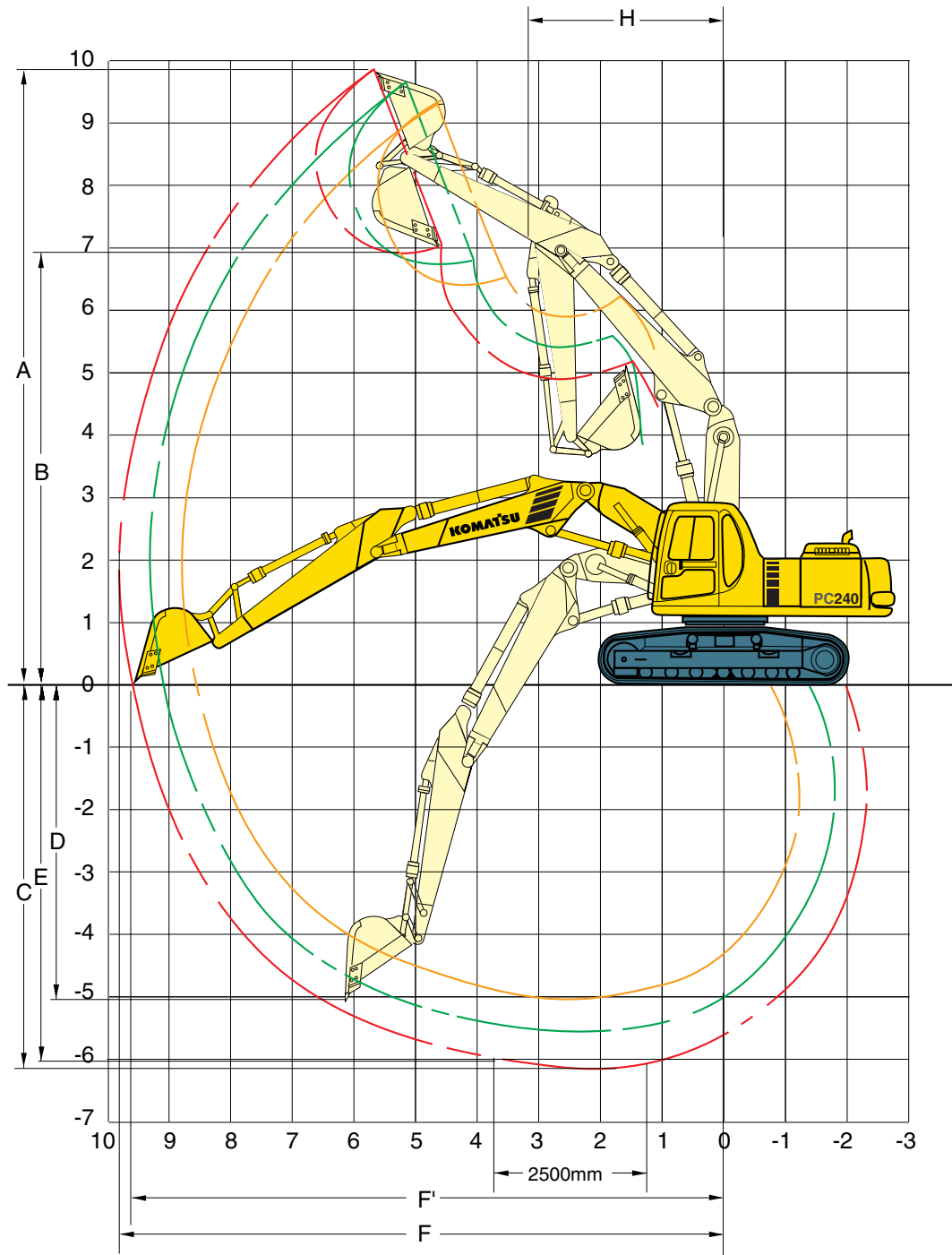
OPERATING WEIGHT

Operating weight, including 5850 mm two-pièce boom, or 5750 mm one-pièce boom, 3000 mm arm, SAE heaped 1.1 m³ backhoe bucket, operator, lubricant, coolant and full fuel tank and the standard equipment.

Triple grouser shoes	ONE-PIECE BOOM				TWO-PIECE BOOM			
	PC240LC-6		PC240NLC-6		PC240LC-6		PC240NLC-6	
	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure
600 mm	24210 kg	0.48 kg/cm ²	23900 kg	0.50 kg/cm ²	24474 kg	0.49 kg/cm ²	24164 kg	0.51 kg/cm ²
700 mm	24500 kg	0.42 kg/cm ²	24080 kg	0.43 kg/cm ²	24764 kg	0.42 kg/cm ²	24344 kg	0.43 kg/cm ²
800 mm	24790 kg	0.37 kg/cm ²	24260 kg	0.38 kg/cm ²	25054 kg	0.37 kg/cm ²	24524 kg	0.38 kg/cm ²
900 mm	25080 kg	0.33 kg/cm ²	-	-	25344 kg	0.33 kg/cm ²	-	-



Arm length		2000 mm	2500 mm	3000 mm
A	Max. digging height	9070 mm	9150 mm	9380 mm
B	Max. dumping height	6120 mm	6215 mm	6515 mm
C	Max. digging depth	5880 mm	6370 mm	6920 mm
D	Max. vertical wall digging depth	4800 mm	5145 mm	6010 mm
E	Max. digging depth of cut for 2500 mm	5550 mm	6170 mm	6440 mm
F	Max. digging reach	9285 mm	9655 mm	10180 mm
F'	Max. digging reach at ground	9090 mm	9470 mm	10000 mm
H	Min. swing radius	3950 mm	3965 mm	3860 mm



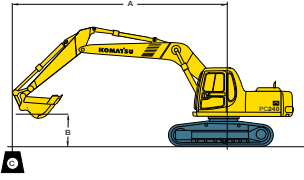
Arm length		2000 mm	2500 mm	3000 mm
A	Max. digging height	9421 mm	9497 mm	9850 mm
B	Max. dumping height	6485 mm	6617 mm	6926 mm
C	Max. digging depth	5599 mm	6064 mm	6610 mm
D	Max. vertical wall digging depth	4165 mm	4764 mm	5192 mm
E	Max. digging depth of cut for 2500 mm	5497 mm	5969 mm	6521 mm
F	Max. digging reach	9282 mm	9688 mm	10212 mm
F'	Max. digging reach at ground	9088 mm	9502 mm	10036 mm
H	Min. swing radius	3670 mm	3622 mm	3526 mm

LIFTING CAPACITIES

PC240-6

PC240LC-6

Arm length	A	Rating at maximum reach		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
		Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side

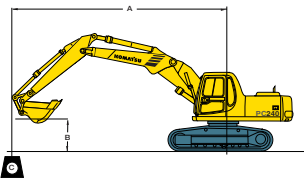


- Arm length
- A – Reach from swing center
- B – Bucket hook height
- Rating over front
- Rating over side
- Rating at maximum reach

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

ONE-PIECE BOOM

With 700 mm shoe 3000 mm 0.83 m ² 880 kg	6.0 m	kg	*2850	*2850	*4400	4350								
	4.5 m	kg	*2850	2850	*4900	4250	*5000	*5000						
	3.0 m	kg	*3000	2950	*5550	4100	*6250	5950	*7850	*7850	*12400	*12400		
	1.5 m	kg	*3250	2850	6200	3950	*7600	5600	*10350	8650				
	0.0 m	kg	*3700	2900	6050	3800	8600	5350	*12150	8200	*7050	*7050		
	-1.5 m	kg	*4400	3150	5950	3700	8350	5150	*13050	8000	*10450	*10450	*6350	*6350
	-3.0 m	kg	*5750	3700	5950	3750	8400	5150	*13100	8050	*15300	*13850	*10250	*10250
	-4.5 m	kg	7850	4900			8600	5300	*12150	8250	*17800	16750	*15100	*15100
	<hr/>													
With 700 mm shoe 2500 mm 0.83 m ² 880 kg	6.0 m	kg	*4500	4300			*4850	*4850						
	4.5 m	kg	*4500	3650	*5400	4200	*5650	*5650						
	3.0 m	kg	*4750	3300	*6000	4050	*6850	5850	*8850	*8850				
	1.5 m	kg	5050	3200	6150	3900	*8100	5500	*11200	8500				
	0.0 m	kg	5150	3250	6050	3800	8550	5300	*12850	8150				
	1.5 m	kg	5650	3550	6000	3750	8400	5150	*13200	8050	*11300	*11300		
	-3.0 m	kg	6800	4250			8500	5250	*12900	8100	*18200	16500	*12250	*12250
	-4.5 m	kg	*8900	6100					*11450	8400	*16500	*16500		
	<hr/>													
With 700 mm shoe 2000 mm 0.83 m ² 880 kg	6.0 m	kg	*4550	*4550			*5400	*5400						
	4.5 m	kg	*4550	3900	*5750	4050	*6150	6000	*7200	*7200				
	3.0 m	kg	*4750	3500	6200	3950	*7300	5700	*9700	8900				
	1.5 m	kg	*5200	3400	6100	3850	*8450	5450	*11850	8300				
	0.0 m	kg	5500	3500	6000	3750	8450	5200	*12950	8050				
	-1.5 m	kg	6200	3850			8400	5150	*13200	8050	*11600	*11600		
	-3.0 m	kg	7650	4800			8550	5300	*12550	8200	*18050	16700		
	-4.5 m	kg	*9250	7450					*10350	8500				



- Arm length
- A – Reach from swing center
- B – Bucket hook height
- 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

TWO-PIECE BOOM

With 700 mm shoe 3000 mm 0.83 m ² 880 kg	6.0 m	kg	*2800	*2800	*4050	*4050								
	4.5 m	kg	*2800	*2800	*4400	4300	*4400	*4400						
	3.0 m	kg	*2900	*2900	*5050	4150	*5650	*5650	*7050	*7050	*11200	*11200		
	1.5 m	kg	*3150	2850	*5800	4000	*7000	5650	*9600	8800				
	0.0 m	kg	*3550	2900	6150	3850	*8250	5400	*11550	8350	*6600	*6600		
	-1.5 m	kg	*4200	3150	6050	3750	8600	5250	*12750	8150	*10000	*10000	*6750	*6750
	-3.0 m	kg	*5450	3700	6100	3800	8600	5250	*13250	8200	*14950	*14950		
	-4.5 m	kg												
	<hr/>													
With 700 mm shoe 2500 mm 0.83 m ² 880 kg	6.0 m	kg	*4400	4250			*4250	*4250						
	4.5 m	kg	*4400	3600	*4900	4200	*5000	*5000	*5600	*5600				
	3.0 m	kg	*4600	3300	*5500	4100	*6200	5900	*8050	*8050				
	1.5 m	kg	*5000	3150	*6200	3950	*7500	5600	*10500	8650				
	0.0 m	kg	5200	3250	6150	3850	*8650	5400	*12200	8300				
	-1.5 m	kg	5700	3550	6100	3800	8650	5300	*13100	8200	*10650	*10650		
	-3.0 m	kg	6850	4250			8650	5350	*13250	8300				
	-4.5 m	kg												
	<hr/>													
With 700 mm shoe 2000 mm 0.83 m ² 880 kg	6.0 m	kg	*4450	*4450			*4800	*4800						
	4.5 m	kg	*4400	3850	*5350	4100	*5500	*5500	*6400	*6400	*9150	*9150		
	3.0 m	kg	*4600	3500	*5850	4000	*6650	5750	*8850	*8850				
	1.5 m	kg	*5000	3350	6150	3850	*7900	5500	*11150	8450				
	0.0 m	kg	5600	3450	6100	3800	8650	5300	*12600	8200				
	-1.5 m	kg	6200	3850			8600	5250	*13200	8150	*10900	*10900		
	-3.0 m	kg	7700	4800			8700	5350	*13050	8300				
	-4.5 m	kg												

* Load is limited by hydraulic capacity rather than tipping.
 Ratings are based on ISO 10567, SAE standard n° J1097.
 Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

LIFTING CAPACITIES

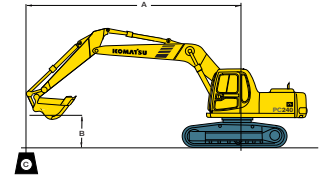
PC240-6

PC240NLC-6

Arm length	A	3.0 m		4.5 m		6.0 m		7.5 m		1.5 m	
		Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side

ONE-PIECE BOOM

With 800 mm shoe	A	B	3.0 m		4.5 m		6.0 m		7.5 m		1.5 m			
			Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side		
	6.0 m	kg	*2850	*2850	*4400	3900								
	4.5 m	kg	*2850	*2850	*4900	3850	*5000	*5000						
	3.0 m	kg	*3000	2850	*5550	3700	*6250	5350	*7850	*7850	*12400	*12400		
	1.5 m	kg	*3250	2550	5650	3500	*7600	5000	*10350	7700				
	0.0 m	kg	*3700	2600	5500	3350	7850	4750	*12150	7250	*7100	*7100		
	-1.5 m	kg	*4400	2800	5450	3300	7600	4550	12350	7100	*10450	*10450	*6350	*6350
	-3.0 m	kg	5350	3250	5450	3300	7650	4600	12400	7100	*15300	*14100	*10250	*10250
	-4.5 m	kg	7200	4350			7800	4750	*12150	7300	*17800	14500	*15100	*15100
	6.0 m	kg	*4500	3900			*4850	*4850						
	4.5 m	kg	*4500	3250	*5400	3750	*5650	5550						
	3.0 m	kg	*4750	2950	5800	3650	*6850	5250	*8850	8200				
	1.5 m	kg	4600	2850	5650	3500	8050	4950	*11200	7550				
	0.0 m	kg	4700	2900	5500	3350	7800	4700	12500	7200				
	-1.5 m	kg	5150	3150	5450	3350	7650	4600	12400	7100	*11300	*11300		
	-3.0 m	kg	6200	3800			7750	4650	12500	7200	*18200	14250	*12250	*12250
	-4.5 m	kg	*8900	5450					*11450	7450	*16500	14750		
	6.0 m	kg	*4550	4250			*5400	*5400						
	4.5 m	kg	*4550	3500	*5750	3650	*6150	5400	*7200	*7200				
	3.0 m	kg	4750	3150	5700	3550	*7300	*5100	*9700	7950				
	1.5 m	kg	4900	3000	5550	3400	7950	4850	*11850	7350				
	0.0 m	kg	5100	3100	5500	3350	7700	4600	12400	7100				
	-1.5 m	kg	5850	3450			7650	4800	12400	7100	*11600	*11600		
	-3.0 m	kg	7000	4250			7800	4700	12550	7250	*18050	*14450		
	-4.5 m	kg	*9250	6650					*10350	7500				



– Arm length

A – Reach from swing center

B – Bucket hook height

– Rating over front

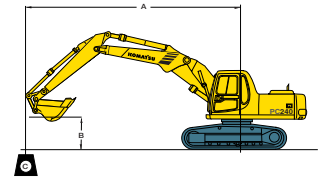
– Rating over side

– Rating at maximum reach

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

TWO-PIECE BOOM

With 800 mm shoe	A	B	3.0 m		4.5 m		6.0 m		7.5 m		1.5 m			
			Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side		
	6.0 m	kg	*2800	*2800	*4050	3950								
	4.5 m	kg	*2800	*2800	*4400	3850	*4400	*4400						
	3.0 m	kg	*2900	2600	*5050	3700	*5650	5400	*7050	*7050	*11200	*11200		
	1.5 m	kg	*3150	2550	5750	3550	*7000	5050	*9600	7800				
	0.0 m	kg	*3550	2550	5600	3400	7950	4800	*11550	7350	*6600	*6600		
	-1.5 m	kg	*4200	2800	5500	3350	7800	4650	12650	7200	*10000	*10000	*6750	*6750
	-3.0 m	kg	5400	3250	5550	3350	7800	4650	12650	7200	*14950	14350		
	-4.5 m	kg												
	6.0 m	kg	*4400	3850			*4250	*4250						
	4.5 m	kg	*4400	3200	*4900	3750	*5000	*5000	*5600	*5600				
	3.0 m	kg	*4600	2900	*5500	3650	*6200	5300	*8050	*8050				
	1.5 m	kg	4600	2800	5700	3500	*7500	5000	*10500	7650				
	0.0 m	kg	4750	2850	5600	3400	7950	4800	*12200	7300				
	-1.5 m	kg	5200	3150	5550	3350	7850	4700	12650	7250	*10650	*10650		
	-3.0 m	kg	6250	3800			7900	4700	12750	7300				
	-4.5 m	kg												
	6.0 m	kg	*4450	4150			*4800	*4800						
	4.5 m	kg	*4400	3450	*5350	3650	*5500	5450	*6400	*6400	*9150	*9150		
	3.0 m	kg	*4600	3100	5750	3550	*6650	5150	*8850	8000				
	1.5 m	kg	4900	3000	5650	3450	*7900	4900	*11150	7450				
	0.0 m	kg	5100	3050	5550	3350	7850	4700	*12600	7200				
	-1.5 m	kg	5650	3400			7800	4650	12650	7200	*10900	*10900		
	-3.0 m	kg	7000	4250			7900	4750	12800	7350				
	-4.5 m	kg												



– Arm length

A – Reach from swing center

B – Bucket hook height

– 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

* Load is limited by hydraulic capacity rather than tipping.
 Ratings are based on ISO 10567, SAE standard n° J1097.
 Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

Specifications and equipments may vary according to regional availability

BUCKET AND ARM COMBINATION

Width mm	Capacity m ³ SAE	Weight	PC240NLC arm length			PC240LC arm length		
			2.0 m	2.5 m	3.0 m	2.0 m	2.5 m	3.0 m
600	0.55 m ³	780 kg	○	○	○	○	○	○
700	0.64 m ³	810 kg	○	○	○	○	○	○
800	0.73 m ³	840 kg	○	○	○	○	○	○
900	0.83 m ³	880 kg	○	○	○	○	○	○
1000	0.92 m ³	910 kg	○	○	○	○	○	○
1100	1.01 m ³	940 kg	○	○	○	○	○	○
1200	1.11 m ³	960 kg	○	○	○	○	○	○
1300	1.20 m ³	990 kg	○	○	○	○	○	○
1400	1.29 m ³	1020 kg	○	○	○	○	○	○
1500	1.40 m ³	1060 kg	○	○	○	○	○	○
1600	1.49 m ³	1100 kg	○	○	□	○	○	○
1700	1.58 m ³	1150 kg	○	□	△	○	○	□
1800	1.68 m ³	1200 kg	□	△	-	○	□	△
1900	1.79 m ³	1250 kg	△	-	-	□	△	-
2000	1.89 m ³	1300 kg	-	-	-	△	-	-

These charts are based on over-side stability with fully loaded bucket at maximum reach. A wide variety of buckets & attachments is available. Contact your local dealer for more information.

○ 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 recommended.

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.

Komatsu quick-coupler features:



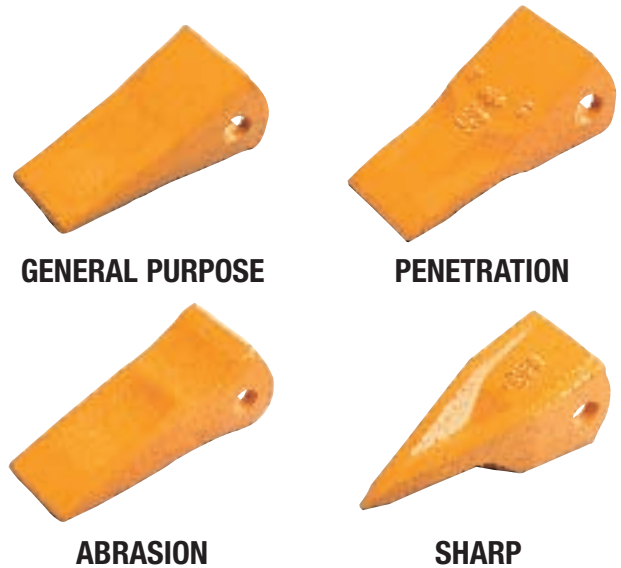
- Buckets do not need to be modified.
- Komatsu Warranty
- Hydraulic or manual

Komatsu bucket features:



- General purpose. Heavy Duty and Rock version available.
- Special buckets available on request.
- Komatsu Warranty

A full range of Komatsu wear parts is available.



GENERAL PURPOSE

PENETRATION

ABRASION

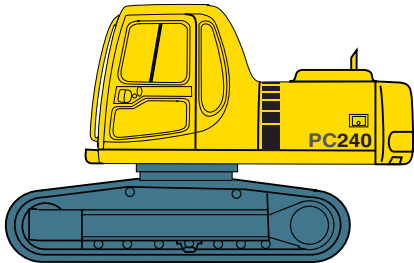
SHARP

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

BUCKET AND ARM FORCE

Arm length	2000 mm	2500 mm	3000 mm
Bucket force	17500 kg (171 kN)	17500 kg (171 kN)	17500 kg (171 kN)
Bucket force power max	19200 kg (188 kN)	19200 kg (188 kN)	19200 kg (188 kN)
Arm force	14100 kg (138 kN)	13000 kg (127 kN)	10800 kg (105 kN)
Arm force power max	15400 kg (151 kN)	14200 kg (139 kN)	11700 kg (115 kN)

BASIC MACHINE

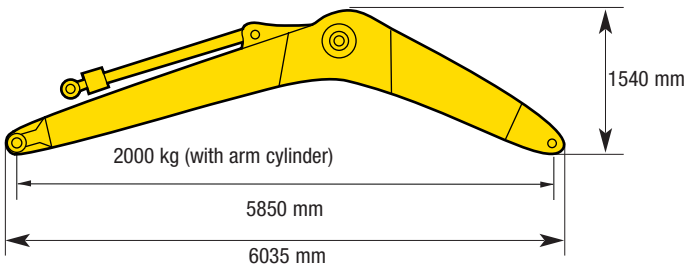


(APPROXIMATE WEIGHTS)

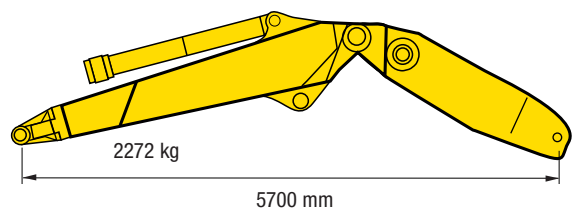
Shoe width	Weight	
	PC240LC-6	PC240NLC-6
600 mm	19500 kg	19400 kg
700 mm	19800 kg	19600 kg
800 mm	20100 kg	19800 kg
900 mm	20400 kg	-

BOOM

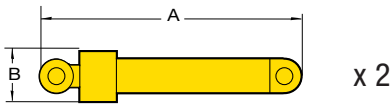
ONE-PIECE BOOM



TWO-PIECE BOOM

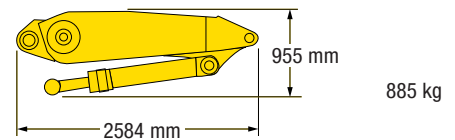


BOOM RAISE CYLINDERS

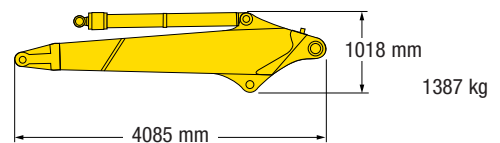


	1P boom	2P boom
Dimension A	2000 mm	1782 mm
Dimension B	206 mm	206 mm
Weight (each)	220 kg	216 kg

TWO-PIECE BOOM - FIRST BOOM WITH ADJUST CYLINDER

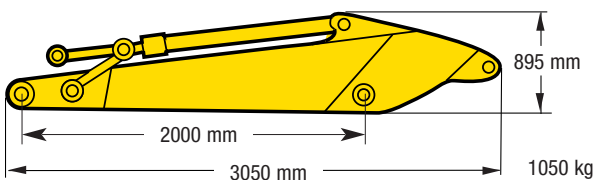


TWO-PIECE BOOM - SECOND BOOM WITH ARM CYLINDER

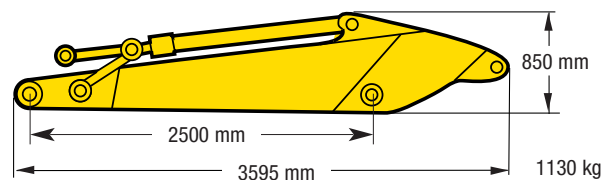


ARMS

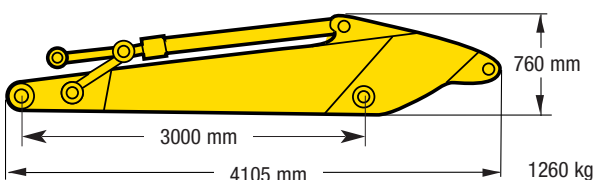
2.0 m ARM



2.5 m ARM



3.0 m ARM



RAUPENBAGGER PC240-6



STANDARDAUSRÜSTUNG

Serien- und Zusatzausrüstungen können sich von Land-zu-Land unterscheiden. Fragen Sie Ihren zuständigen Komatsu - Händler.

- KOMATSU SA6D102E-1 (118,0kW) wassergekühlter Niederemissions-Dieselmotor mit Direkteinspritzung und Turbolader
- Zweifach-Trockenluftfilter mit automatischer Staubaustragung und Verschmutzungsanzeige auf Bedienkonsole.
- Kühlerlüfter in Saugausführung mit Kühlerschutzgitter
- Automatische Entlüftung der Kraftstoffleitung
- Motor Start/Stop per Schlüssel
- Wechselstrom-Lichtmaschine 24 Volt, 55 A
- Batterien 2 x 12 V, 105 Ah
- Anlasser 24 V, 5,2 kW
- HydraulMind-Hydrauliksystem (Elektronisches Load-Sensing-System im geschlossenen Kreislauf - E-CLSS)
- Gegenseitige elektronische Pumpen- und Motorregelung (PEMC)
- Monitorbedienkonsole mit Betriebsartenwahlsystem
- "Power Max"-Funktion
- "Speed down"-Funktion
- Automatische Drehzahlrückstellung
- Automatische Motoraufwärmung
- Motorüberhitzungsschutz
- Elektronischer Drehzahlregler
- PPG-Kurzbedienungshebel für Ausleger, Stiel, Löffel und Schwenken
- PPC-Bedienungshebel und -pedale für Fahrtrieb und Lenkung
- Zusätzlicher Zweibege-Hydraulikkreislauf mit Proportionalsteuerung und Verrohrung bis zum Auslegerfuß
- Hydrostatischer Fahrtrieb mit 3 automatischen Fahrstufen und hydraulischen Fahr- und Feststellbremsen
- Geräuschisolierte Komfortkabine mit getöntem Sicherheitsglas, hochschiebbarer Frontscheibe mit Raststellung, herausnehmbarer unterer Frontscheibe, abschließbare Fahrerhaustür, Bodenmatte und Aschenbecher
- "Active"-Betriebsart
- Scheibenwischer mit Intervallschaltung
- Klimaanlage und leistungsfähige Heizung
- Elektrisches Warnhorn
- Stereo-Cassettenradio
- Zigarettenanzünder
- Große Handläufe und Rückspiegel
- Sicherheitsventile an den Ausiegerzylindern
- Überlastwarneinrichtung
- Tunnelabdeckung
- Betankungspumpe (high capacity)
- Abschließbarer Tankdeckel und Abdeckungen
- Bedienungs- und Wartungsanleitung
- Ersatzteilbuch
- Laufrollenschutz
- cupholder
- 12-Volt stromversorgung innerhalb der Kabine

ZUSATZAUSRÜSTUNGEN

- Dreistegbodenplatten 600, 700, 800, 900 mm
- Monoblückausleger
- Hydraulischer Verstellausleger
- Löffelstiele 2,0 m, 2,5 m oder 3,0 m
- Zusätzliche Hydraulikkreisläufe
- Lastpunkte zum Anheben der Maschine
- Sicherheitsventil am Löffelstielzylinder
- FOPS-Schutzdach und Frontscheibenschutz für Fahrerkabine
- Feuerlöscher
- Zusatzscheinwerfer
- Regenschutz über Frontscheibe
- KOMATSU-Löffel
- Schnellwechseleinrichtung (mech./hydr.)
- herstellereits verkabelte Bediendeibel mit 4 Tasten
- festes Glasdach
- Cassettenradio
- bio-abbaubares Öl
- Laufrollenschutz in voller Länge

KOMATSU

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