

PC600LC-6

KOMATSU®

NET HORSEPOWER

286 kW **384 HP**

OPERATING WEIGHT

59600 – 60400 kg

131,393 – 133,160 lb



PC600LC-6

HYDRAULIC EXCAVATOR

PC600LC-6 Series Hydraulic Excavator

WALK-AROUND

Komatsu excavators own the reputation of being the best in the world. Operate the PC600LC-6 and you'll

know why. The PC600 combines increased production, lower operating cost, and greater comfort with the reliability you've come to depend on. Combine these features with outstanding resale value and you will know why over 90% of our customers gave an "excellent" rating for our excavator design and technology.

Two-mode setting for boom

By pushing a button it is possible to select either a smooth arm operation or powerful boom thrust.

Protected hydraulic circuit The cool-running hydraulic system is protected with the most extensive filtration system available, including a high-pressure in-line filter.

Larger digging force Bucket digging force and arm crowd force are the largest in its class.

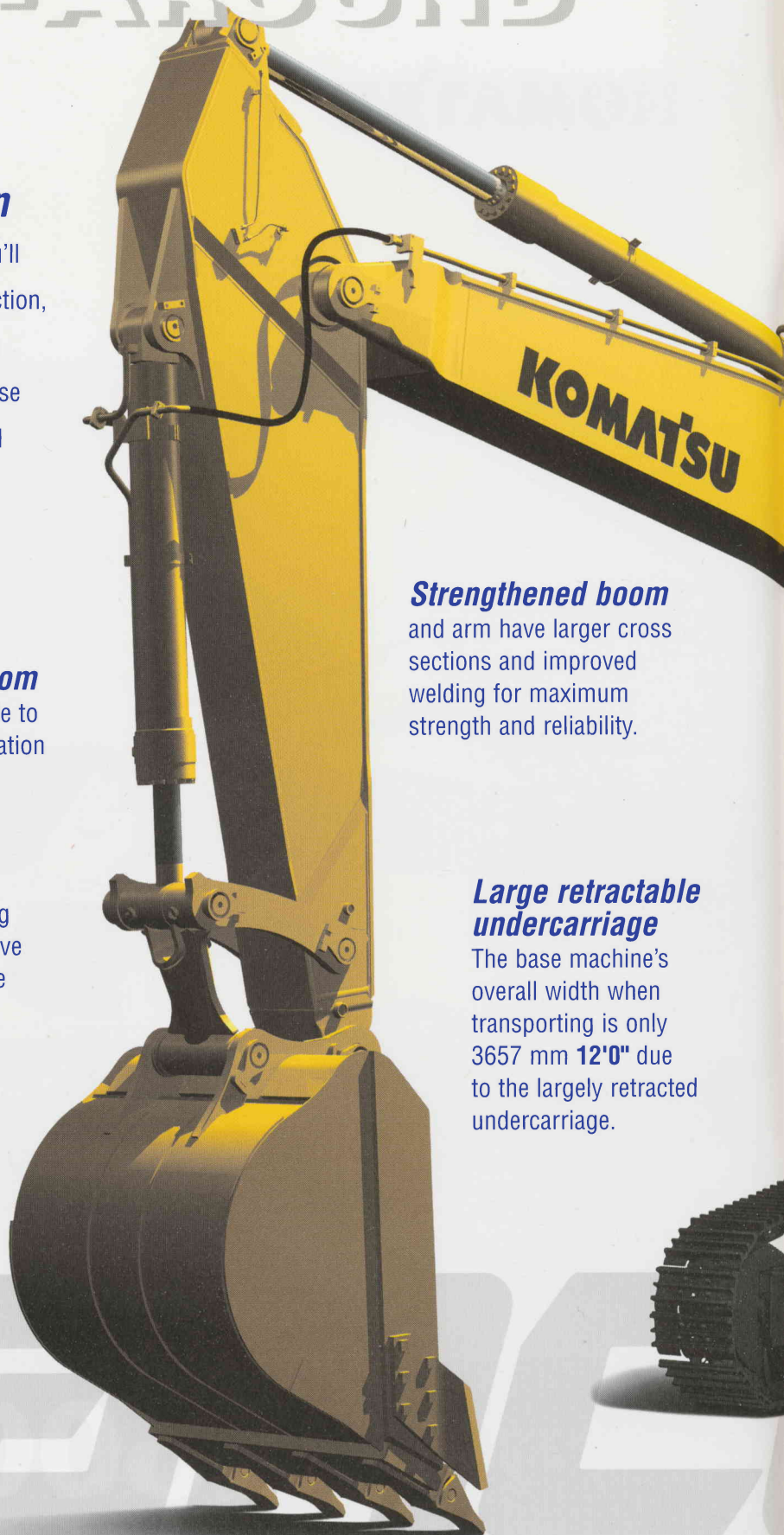
Largest bucket capacity in its class.

Strengthened boom

and arm have larger cross sections and improved welding for maximum strength and reliability.

Large retractable undercarriage

The base machine's overall width when transporting is only 3657 mm **12'0"** due to the largely retracted undercarriage.



PC600LC-6

HYDRAULIC EXCAVATOR

FLYWHEEL HORSEPOWER
286 kW **384 HP** @ 1800 rpm

OPERATING WEIGHT
59600 – 60400 kg
131,393 – 133,160 lb

BUCKET CAPACITY
4.5 m³ **6.0 yd³**



Advanced Monitor Features

- Three working modes as standard, combine with heavy lift mode for maximum lift capacity.
- DH mode for increased production.

Faster hydraulics The PC600LC-6's high-output engine provides plenty of hydraulic horsepower for faster movement and increased productivity.

Large maintenance platform and catwalk provides easy access to the engine and hydraulic equipment.



High mobility Large drawbar pull and steering force display its ability when operating.

Comfortable cab

Komatsu's low-noise cab design uses viscous cab mounts for reduced noise and vibration.

Large counterweight

The large counterweight provides exceptional lifting capacity and greater stability.



MAINTENANCE FEATURES

Easy Maintenance

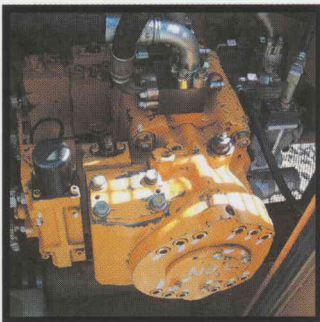
Komatsu designed the PC600LC-6 to have easy service access. We know by doing this, routine maintenance and servicing are less likely to be skipped, which can mean a reduction in costly downtime later on. Here are some of the many service features found on the PC600LC-6.



Large catwalk

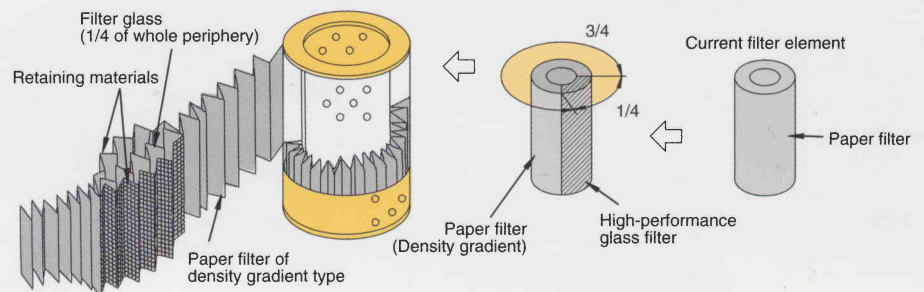


Footing over engine



Remote greasing

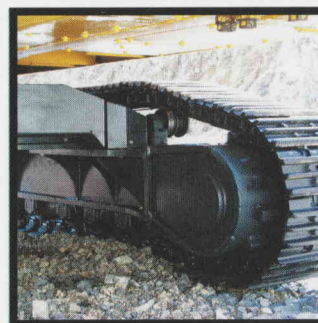
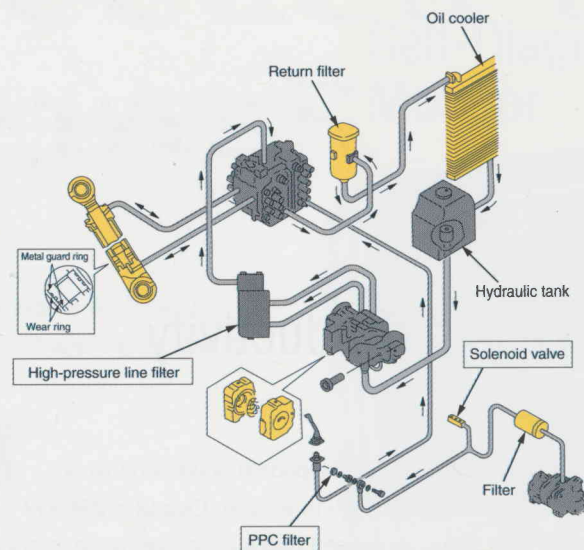
- **Remote greasing** is used for the fan pulley shaft, tension pulley shaft, after cooler fan, and other places that are difficult to reach, so greasing can be carried out easily.
- **One-touch oil drain** simplifies oil changes.
- **Quick coupler** installed for hydraulic pressure inspection allows easy troubleshooting of the hydraulic system.
- **Self-diagnostic monitor** allows display of vital machine data, as well as provides a history of up to 20 previous messages.
- **Electric motor drive grease pump** with indicator (option). Lubrication status is easy to confirm with the electric motor drive grease pump with indicator.
- **Large catwalk and footing over engine.** Large catwalk is positioned to the left of the machine cab, allowing easy access to inspection and maintenance points for hydraulic equipment. Access doors open outward, making inspection of the hydraulic system easy. Footing over engine is provided, allowing easy access to the inspection and maintenance points of the engine.
- **New hybrid filter element.** The new hybrid element in the hydraulic circuit filter extends the element replacement interval to 500 hours and the hydraulic oil replacement interval to 5,000 hours.



New hybrid filter element

Excellent Reliability

- **Frame structure.** The revolving frame and center frame mount are no welding structure so that force is transmitted directly to the thick plate of the frame without passing through any welding.
- **The double lock connectors** prevent electrical connections from loosening during operation.
- **Metal guard rings** protect all the hydraulic cylinders and improve reliability.
- **In-line filtration.** The PC600LC-6 has the most extensive filtration system available, providing an in-line filter as standard equipment. An in-line filter in the outlet port of the main hydraulic pump prevents any failure caused by the entry of dirt.



- **The undercarriage** is strengthened to provide excellent reliability and durability even when working on rocky ground or blasted rock. The travel motors and piping are inside, preventing them from being damaged by rocks.



The boom and arm have large cross-sectional dimensions, as well as continuous both-side groove welding, improving digging, and side-contact strength.

PRODUCTIVITY FEATURES

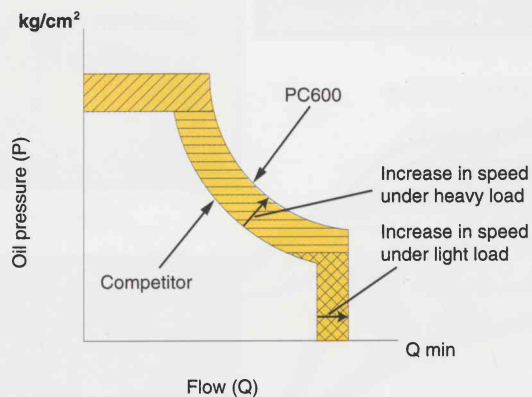
Excellent Productivity

Engine

The PC600LC-6 gets its exceptional power and work capacity from a Cummins N14 engine. Output is 286 kW **384 HP**, giving you increased hydraulic power while improving fuel efficiency. The engine meets emission regulations, including CARB, and noise levels have been reduced for greater operator comfort.

Large Hydraulic Horsepower: Large-Flow Hydraulic System

With a large hydraulic corner horsepower, the implements can move quickly when working with light loads. This shortens cycle times.



Large Bucket Capacity

- Bucket capacity is the largest in its class. Reduces number of loads to dump truck. This reduces cycle time.
- Large machine weight and wide track gauge provides excellent machine stability.

Strong Steering Force

With the strongest drawbar pull in its class, the PC600 travels easily over blasted rocks and rough terrain which makes setting to loading position easy.

Automatic Two-Speed Travel

Travel speed automatically shifted from high to low speed according to the pressure of travel.

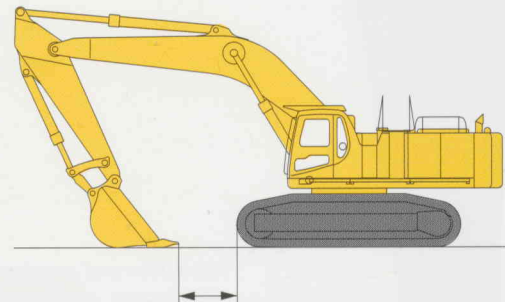
Large Digging Force

The PC600 has the largest bucket digging force and arm in its class, facilitating digging hard rock-bed.

- Digging force: SAE rating
- Bucket digging force: 32300 kg **71,210 lb**
- Arm crowd force: 3.5 m **11'6"** arm, 24300 kg **53,570 lb**

Excellent Underfoot Digging Performance

The operability of the underfoot area, just below the operator's cab, is excellent. This makes grading, leveling, rolling, carrying, and scraping soil in the underfoot area easy.



Three Working Modes

Hydraulics

Unique two-pump system ensures smooth compound movement of the work equipment. OLSS controls both pumps for efficient engine power use. This system also reduces hydraulic loss during operation.

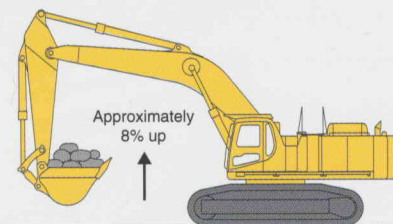
Working Mode Selection

The *Avance* excavator is equipped with three working modes. Each mode is designed to match engine speed, pump speed, and system pressure with the current application, giving you the flexibility to match equipment performance to the job at hand.

Working Mode	Application	Advantage
DH	Maximum production	<ul style="list-style-type: none"> Maximum production/power Fast cycle times Heavy lift mode is available
H	Normal digging and loading	<ul style="list-style-type: none"> Good cycle times Good fuel economy Heavy lift mode is available
G	Light-duty	<ul style="list-style-type: none"> Maximum fuel efficiency Heavy lift mode is available

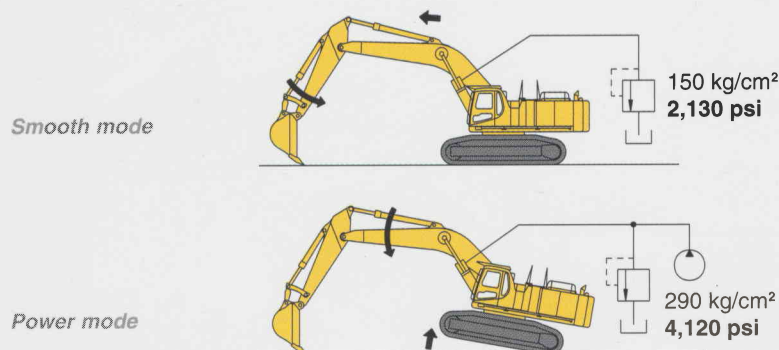
Heavy Lift Mode

Gives you approximately 8% more lifting force on the boom when you need it for handling rock or lifting large boulders.



Two Settings for the Boom

Smooth mode provides easy operation and longer component life for gathering blasted rock or scraping down operations. When maximum digging force is needed, switch to power mode for more effective excavating.



Self-Diagnostic Monitor



Three Working Modes

Heavy Lift Mode

Travel Speeds

The LCD portion of the monitor has four different display modes that aid in identifying potential problems before they become major problems.

Four Diagnostic Modes

- 1 Time Display mode** is the default mode and shows the time and hour meter reading.
- 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** monitors 20 separate current operating conditions including system pressure and rpms to keep your machine operating at peak performance. In addition, 44-bit patterns allow you to diagnose electrical connections.

WORKING ENVIRONMENT

The Avance® 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.



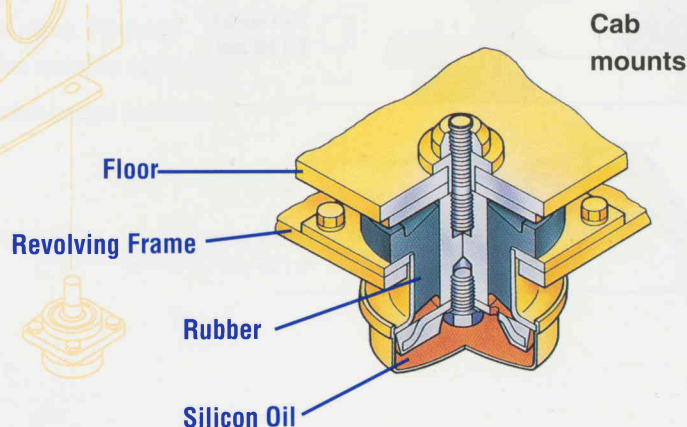
Cab Mounts

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

Noise

The noise levels at the operator's ear have been decreased by improving the cab mounts.

The multi-position diagnostic monitor is easily reached and can be rotated to remove glare. Plus, the inclined dashboard makes the switches and fuel control dials easier to view and use.



Safety Features

Pump/engine room partition prevents oil from spraying on the engine if a hydraulic hose should burst.

Thermal guards are placed around high-temperature parts of the engine and accessory drive.

Interconnected horn and flashing light (optional) give visual and audible notice of the excavator's operation when activated.

Ladder for engine hood and large handrail. Ladder for engine hood is installed to access engine hood from operator's cab side.



Model	Cummins N14
Type	4-cycle, water-cooled, direct injection
Aspiration	Turbocharged and aftercooled
Number of cylinders	6
Bore	140 mm 6.52"
Stroke	152 mm 5.98"
Piston displacement	14.04 ltr 875 in³
Flywheel horsepower	286 kW 384 HP @ 1800 rpm (SAE J1349)
	286 kW 390 psi @ 1800 rpm
Gross horsepower	313 kW 420 HP @ 1800 rpm
Governor	All-speed, mechanical
Meets EPA emission standards.	



Type	HydraMind system, an open-center system with load sensing valves and pressure compensated valves.	
Number of selectable working modes	3	
Main pump:		
Type	Variable-displacement piston pumps	
Pumps for	Boom, arm bucket, swing, and travel circuits	
Maximum flow	2 x 410 ltr/min 108 U.S. gal/min	
Hydraulic motors:		
Travel	2 x axial piston motors	
Swing	2 x axial piston motors	
Relief valve setting:		
Implement circuits	325 kg/cm ²	4,620 psi
Travel circuit	350 kg/cm ²	4,980 psi
Swing circuit	260 kg/cm ²	3,700 psi
Heavy lift circuit	350 kg/cm ²	4,980 psi
Pilot circuit	30 kg/cm ²	430 psi
Hydraulic cylinders:		
Number of cylinders – bore x stroke		
Boom	2 – 185 mm x 1725 mm	7.3" x 67.9"
Arm	1 – 200 mm x 2045 mm	7.9" x 80.5"
Bucket	1 – 185 mm x 1425 mm	7.3" x 56.1"
Service valve:		
Maximum flow	410 ltr 108.3 U.S. gal/min	



Steering control	Two levers with pedals
Drive method	Fully hydrostatic
Travel motor	Piston motor, in shoe
Maximum drawbar pull	42300 kg 93,254 lb
Maximum travel speed: High	4.9 km/h 3.0 mph
Low	3.0 km/h 1.9 mph
Service brake	Hydraulic lock
Parking brake	Wet, multiple-disc



Driven by	Hydraulic motor
Swing reduction	Planetary double reduction
Swing circle lubrication	Grease-bathed
Swing lock	Swing hold brake
Swing speed	8.3 rpm



Center frame	H-frame
Track frame	Box-section
Seal of track	Sealed track
Track adjuster	Hydraulic
Number of shoes	52 per side
Number of carrier rollers	3 per side
Number of track rollers	9 per side




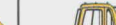
Fuel tank	880 ltr	232 U.S. gal
Radiator	57.0 ltr	15.1 U.S. gal
Engine	43.5 ltr	11.5 U.S. gal
Final drive, each side	10.0 ltr	2.8 U.S. gal
Swing drive	13.1 ltr	3.5 U.S. gal
Hydraulic tank	370 ltr	98 U.S. gal



Operating weight, including 7660 mm **25'2"** one-piece boom, 3500 mm **11'6"** arm, SAE heaped 2.70 m³ **3.53 yd³** backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

Triple-Grouser Shoes	Operating Weight	Ground Pressure
750 mm 30"	59600 kg 131,393 lb	0.77 kg/cm ² 10.95 psi
900 mm 36"	60400 kg 133,160 lb	0.65 kg/cm ² 9.24 psi

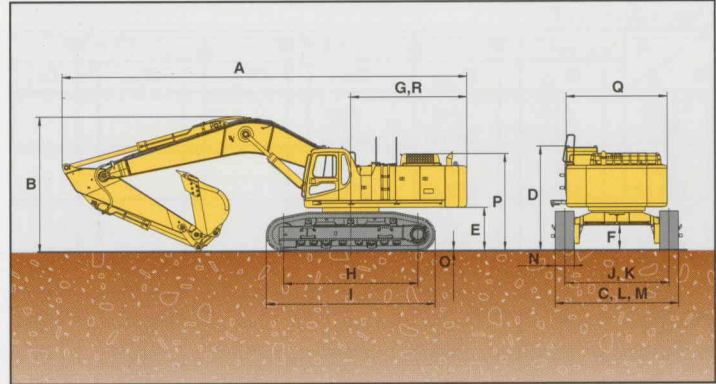


	Part	3-kit Transportation	
	Implement	Base Machine	Other
			<ul style="list-style-type: none"> ● Counterweight ● Catwalk and others
Model			
PC600LC-6	12.7 ton 14.0 U.S. ton	34.1 ton 37.6 U.S. ton	11.0 ton 12.9 U.S. ton

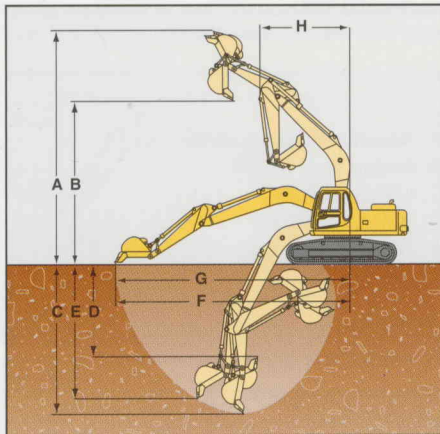


DIMENSIONS

	Boom	7660 mm	25'2"	7660 mm	25'2"	7660 mm	25'2"
	Arm	3500 mm	11'6"	4200 mm	14'0"	5200 mm	17'1"
A	Overall length	12810 mm	42'0"	12730 mm	41'9"	12420 mm	40'9"
B	Overall height (to top of boom)	4300 mm	14'1"	4655 mm	15'3"	5235 mm	17'2"
C	Overall width	4050 mm	13'3"				
D	Overall height (to top of cab)	3310 mm	10'10"				
E	Ground clearance, counterweight	1400 mm	4'7"				
F	Ground clearance (minimum)	822 mm	2'8"				
G	Tail swing radius	3800 mm	12'6"				
H	Track length on ground	4600 mm	15'1"				
I	Track length	5690 mm	18'8"				
J	Track gauge (retracted)	2590 mm	8'6"				
K	Track gauge (expanded)	3300 mm	10'10"				
L	Width of crawler (retracted)	3190 mm	10'6"				
M	Width of crawler (expanded)	3900 mm	12'10"				
N	Shoe width	750/900 mm	30/36"				
O	Grouser height	37 mm	1.5"				
P	Height (to top of engine hood)	3070 mm	10'1"				
Q	Machine cab width	3195 mm	10'6"				
R	Distance, swing center to rear end	3675 mm	12'1"				



WORKING RANGE



	Arm	3500 mm	11'6"	4200 mm	14'0"	5200 mm	17'1"
A	Max. digging height	11880 mm	39'0"	12180 mm	39'11"	12560 mm	41'2"
B	Max. dumping height	7955 mm	26'1"	8245 mm	27'1"	8600 mm	28'3"
C	Max. digging depth	8490 mm	27'10"	9275 mm	30'5"	10225 mm	33'6"
D	Max. vertical wall digging depth	7510 mm	24'8"	8375 mm	27'6"	9275 mm	30'5"
E	Max. digging depth of cut for 8° level	8360 mm	27'5"	9175 mm	30'1"	10125 mm	33'3"
F	Max. digging reach	13075 mm	42'9"	13740 mm	45'1"	14630 mm	48'0"
G	Max. digging reach at ground level	12800 mm	42'0"	13555 mm	44'6"	14435 mm	47'4"
H	Min. swing radius	5370 mm	17'7"	5385 mm	17'8"	5510 mm	18'1"
	Bucket digging force*	32300 kg	71,210 lb	32300 kg	71,210 lb	32300 kg	71,210 lb
	Arm crowd force*	24300 kg	53,570 lb	20357 kg	44,880 lb	17863 kg	39,380 lb

*at power max.



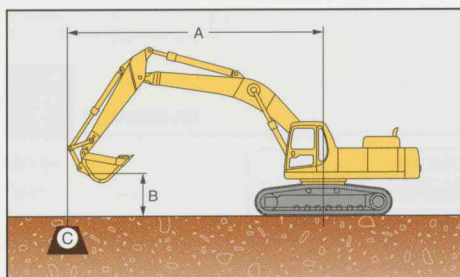
BACKHOE BUCKET AND ARM COMBINATION

	Code	Capacity	OWL	Weight	Number of Teeth	Arm		
						3500 mm 11'6"	4200 mm 14'0"	5200 mm 17'1"
ESCO	4RF0150ZCA	1.62 m ³ 2.12 yd ³	940 mm 37"	2189 kg 4,827 lb	4	○	○	○
Heavy-Duty Plate	4RF0170ZCA	1.82 m ³ 2.38 yd ³	1016 mm 40"	2265 kg 4,994 lb	4	○	○	□
	4RF0210ZCA	2.20 m ³ 2.88 yd ³	1194 mm 47"	2443 kg 5,385 lb	4	○	○	□
	4RF0230ZCA	2.48 m ³ 3.25 yd ³	1321 mm 52"	2626 kg 5,789 lb	5	○	□	▲
	4RF0270ZCA	2.87 m ³ 3.75 yd ³	1499 mm 59"	2803 kg 6,180 lb	5	□	□	▲
	4RF0310ZCA	3.25 m ³ 4.25 yd ³	1626 mm 64"	2986 kg 6,584 lb	5	□	▲	X

○—Used with weights up to 3,040 lb/yd³ □—Used with weights up to 2,520 lb/yd³
 ▲—Used with weights up to 2,020 lb/yd³ X—Not useable



LIFTING CAPACITY



Equipment:

- Boom: 7660 mm 25'2"
- Bucket: 2.70 m³ 3.53 yd³
- Shoes: 750 mm 30"
- Lifting mode

A: Reach from swing center

B: Bucket hook height

C: Lifting capacity

Cf: Rating over front

Cs: Rating over side

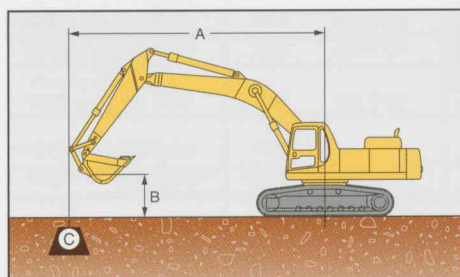
⊗: Rating at maximum reach

Heavy Lift: On

Arm: 3500 mm 11'6"											Unit: kg lb		
B	A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊗ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'												*8850 *19,500	*8850 *19,500
7.6 m 25'										*10200 *22,500	9900 21,800	*8600 *19,000	*8600 *19,000
6.1 m 20'								*12750 *28,100	*12750 *28,100	*11350 *25,100	9800 21,600	*8750 *19,300	8000 17,700
4.6 m 15'				*24750 *54,600	*24750 *54,600	*17650 *38,900	*17650 *38,900	*14150 *31,200	13150 29,000	*12100 *26,600	9500 20,900	*9150 *20,200	7200 15,800
3.0 m 10'						*20150 *44,500	17800 39,300	*15550 *34,300	12500 27,500	*12850 *28,400	9150 20,200	*9850 *21,700	6750 14,900
0.0 m 0'				*15900 *35,000	15900 *35,000	*22300 *49,200	16300 35,900	*16750 *36,900	11050 24,300	12800 28,300	8550 18,800	10250 22,600	6750 14,900
-3.0 m -10'		*22800 *50,300	*22800 *50,300	*25750 *56,800	*25750 *56,800	*20200 *44,500	16250 35,800	*15550 *34,300	11050 24,300	*12200 *26,900	8550 18,800	*11900 *26,300	8400 18,500
-4.6 m -15'		*26700 *58,900	*26700 *58,900	*21750 *47,900	*21750 *47,900	*17250 *38,000	16650 36,700	*13250 *29,200	11650 25,700			*11750 *25,900	10500 23,200
-6.1 m -20'				*15300 *33,700	*15300 *33,700	*11800 *26,000	*11800 *26,000					*10550 *23,300	*10550 *23,300

Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

*Load is limited by hydraulic capacity rather than tipping.



Equipment:

- Boom: 7660 mm 25'2"
- Bucket: 2.70 m³ 3.53 yd³
- Shoes: 900 mm 36"
- Lifting mode

A: Reach from swing center

B: Bucket hook height

C: Lifting capacity

Cf: Rating over front

Cs: Rating over side

⊗: Rating at maximum reach

Heavy Lift: On

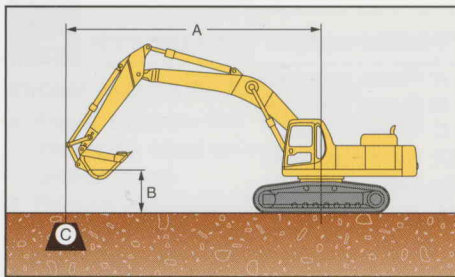
Arm: 3500 mm 11'6"											Unit: kg lb	
B \ A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊗ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'											*8850 *19,500	*8850 *19,500
7.6 m 25'									*10200 *22,500	10050 22,200	*8600 *19,000	*8600 *19,000
6.1 m 20'							*12750 *28,100	*12750 *28,100	*11350 *25,100	9950 21,900	*8750 *19,300	8150 18,000
4.6 m 15'			*24750 *54,600	*24750 *54,600	*17650 *38,900	*17650 *38,900	*14150 *31,200	13350 29,500	*12100 *26,600	9650 21,300	*9150 *20,200	7300 16,100
3.0 m 10'					*20200 *44,500	18100 39,900	*15550 *34,300	12650 27,900	*12850 *28,400	9300 20,500	*9850 *21,700	6850 15,100
0.0 m 0'			*15900 *35,000	*15900 *35,000	*22300 *49,200	16550 36,500	*16750 *36,900	11200 24,700	13050 28,800	8700 19,200	10400 23,000	6900 15,200
-3.0 m -10'	*22800 *50,300	22800 *50,300	*25750 *56,800	25750 *56,800	*20200 *44,500	16500 36,400	*15550 *34,300	11250 24,800	*12200 *26,900	8700 19,200	*11900 *26,300	8550 18,800
-4.6 m -15'	*26700 *58,900	*26700 *58,900	*21750 *47,900	21750 *47,900	*17250 *38,000	16900 37,300	*13250 *29,200	11850 26,100			*11750 *25,900	10700 23,600
-6.1 m -20'			*15300 *33,700	*15300 *33,700	*11800 *26,000	*11800 *26,000					*10550 *23,300	10550 *23,300

Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

*Load is limited by hydraulic capacity rather than tipping.



LIFTING CAPACITY



Equipment:

- Boom: 7660 mm 25'2"
- Bucket: 2.40 m³ 3.14 yd³
- Shoes: 750 mm 30"
- Lifting mode

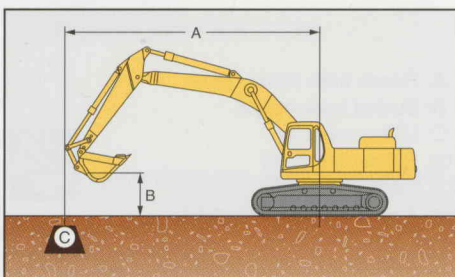
- A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊗: Rating at maximum reach

Heavy Lift: On

Arm: 4200 mm 14'0"												Unit: kg lb	
B	A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊗ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'										*6900 *15,200	*6900 *15,200	*6500 *14,300	*6500 *14,300
7.6 m 25'										*9800 *21,600	*9800 *21,600	*6350 *14,000	*6350 *14,000
6.1 m 20'										*10300 *22,800	9950 21,900	*6400 *14,100	*6400 *14,100
4.6 m 15'						*15850 *34,900	*15850 *34,900	*12900 *28,500	*12900 *28,500	*11150 *24,600	9600 21,100	*6650 *14,700	6200 13,700
3.0 m 10'				*26750 *59,000	*26750 *59,000	*18550 *40,900	18150 40,100	*14450 *31,900	12600 27,800	*12050 *26,600	9150 20,200	*7150 *15,700	5850 12,900
0.0 m 0'				*17850 *39,400	*17850 *39,400	*21800 *48,000	16150 35,700	*16650 *36,700	11350 26,100	12700 28,000	8400 18,600	*8900 *19,600	5800 12,800
-3.0 m -10'		*19350 *42,700	*19350 *42,700	*27500 *60,600	25900 57,100	*20850 *45,900	15800 34,800	*15850 *34,900	10600 23,400	12450 27,400	8200 18,100	10650 23,400	7000 15,400
-4.6 m -15'		*27700 *61,100	*27700 *61,100	*24200 *53,300	*24200 *53,300	*18650 *41,200	16050 35,400	*14500 *32,000	11150 24,600			*10900 *24,000	6450 18,600
-6.1 m -20'		*24350 *53,700	*24350 *53,700	*19000 *41,900	*19000 *41,900	*14750 *32,500	*14750 *32,500	*10700 *23,600	*10700 *23,600			*10500 *23,200	*10500 *23,200

Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

*Load is limited by hydraulic capacity rather than tipping.



Equipment:

- Boom: 7660 mm 25'2"
- Bucket: 2.40 m³ 3.14 yd³
- Shoes: 900 mm 36"
- Lifting mode

- A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊗: Rating at maximum reach

Heavy Lift: On

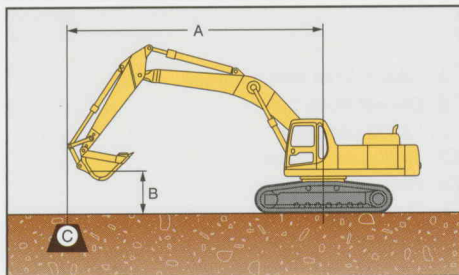
Arm: 4200 mm 14'0"												Unit: kg lb	
B	A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊗ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'										*6900 *15,200	*6900 *15,200	*6500 *14,300	*6500 *14,300
7.6 m 25'										*9800 *21,600	*9800 *21,600	*6350 *14,000	*6350 *14,000
6.1 m 20'										*10300 *22,800	10100 *22,300	*6400 *14,100	*6400 *14,100
4.6 m 15'						*15850 *34,900	*15850 *34,900	*12900 *28,500	*12900 *28,500	*11150 *24,600	9750 21,500	*6550 *14,700	6350 14,000
3.0 m 10'				*26750 *59,000	*26750 *59,000	*18550 *40,900	18450 40,600	*14450 *31,900	12800 28,200	*12050 *26,600	9300 20,500	*7150 *15,700	5950 13,100
0.0 m 0'				*17850 *39,400	*17850 *39,400	*21,800 *48,000	16450 36,200	*16650 *36,700	11550 25,500	12900 28,500	8560 18,900	*8900 *19,600	5950 13,100
-3.0 m -10'		*19350 *42,700	*19350 *42,700	*27500 *60,600	58000 26,350	*20850 *45,900	16050 35,400	*15850 *34,900	10800 23,800	12650 27,900	8350 18,400	*10800 *23,900	7100 16,700
-4.6 m -15'		*27700 *61,100	*27700 *61,100	*24200 *53,300	*24200 *53,300	*18650 *41,200	16300 36,000	*14,500 *32,000	11350 25,000			*10900 *24,000	8600 19,000
-6.1 m -20'		*24350 *53,700	*24350 *53,700	*19000 *41,900	*19000 *41,900	*14750 *32,500	*14750 *32,500	*10700 *23,600	*10700 *23,600			*10500 *23,200	*10500 *23,200

Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

*Load is limited by hydraulic capacity rather than tipping.



LIFTING CAPACITY



Equipment:

- Boom: 7660 mm 25'2"
- Bucket: 2.00 m³ 2.62 yd³
- Shoes: 750 mm 30"
- Lifting mode

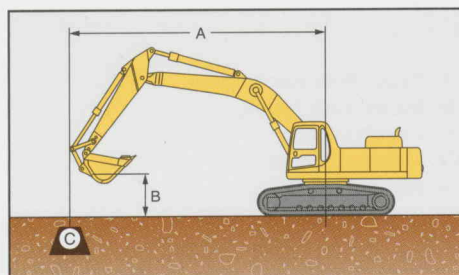
- A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊗: Rating at maximum reach

Heavy Lift: On

Arm: 5200 mm 17'1"											Unit: kg lb	
B \ A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊗ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'											*4700 *10,300	*4700 *10,300
7.6 m 25'											*4550 *10,100	*4550 *10,100
6.1 m 20'									*9250 *20,400	*9250 *20,400	*4600 *10,200	*4600 *10,200
4.6 m 15'							*11550 *25,500	*11550 *25,500	*10150 *22,400	9900 21,800	*4800 *10,500	*4800 *10,500
3.0 m 10'			*23400 *51,600	*23400 *51,600	*16750 *36,900	*16750 *36,900	*13300 *29,300	13000 28,600	*11200 *24,700	9400 20,700	*5100 *11,200	5050 11,200
0.0 m 0'			*20250 *44,700	*20250 *44,700	*21050 *46,400	16450 36,300	*16050 *35,400	11600 25,400	12800 28,200	8600 18,700	*6250 *13,800	5000 11,000
-3.0 m -10'	*16650 *36,700	*16650 *36,700	*27400 *60,400	25550 56,300	*21400 *47,200	15600 34,400	*16150 *35,600	10450 23,100	12300 27,200	8050 17,800	*8800 *19,400	5800 12,800
-4.6 m -15'	*22800 *50,200	*22800 *50,200	*26650 *58,800	25860 57,000	*20050 *44,200	15700 34,600	*15660 *34,300	10900 24,000	*12150 *26,800	8100 17,900	*10000 *22,000	6800 15,000
-6.1 m -20'	*30850 *68,100	*30850 *68,100	*22650 *60,000	*22650 *60,000	*17300 *38,100	16050 35,400	*13260 *29,200	11150 24,600			*10000 *22,100	8700 19,200

Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

*Load is limited by hydraulic capacity rather than tipping.



Equipment:

- Boom: 7660 mm 25'2"
- Bucket: 2.00 m³ 2.62 yd³
- Shoes: 900 mm 36"
- Lifting mode

- A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊗: Rating at maximum reach

Heavy Lift: On

Arm: 5200 mm 17'1"											Unit: kg lb	
B \ A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊗ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'											*4700 *10,300	*4700 *10,300
7.6 m 25'											*4550 *10,100	*4550 *10,100
6.1 m 20'									*9250 *20,400	*9250 *20,400	*4600 *10,200	*4600 *10,200
4.6 m 15'							*11550 *25,500	*11550 *25,500	*10150 *22,400	10050 22,200	*4800 10,500	*4800 10,500
3.0 m 10'			*23400 *51,600	*23400 *51,600	*16750 *36,900	*16750 *36,900	*13300 *29,300	13200 29,100	*11200 *24,700	9660 21,100	*5100 *11,200	*5100 *11,200
0.0 m 0'			*20250 *44,700	*20250 *44,700	*21050 *46,400	16700 36,800	*16060 35,400	11700 25,800	*12950 *28,500	8650 19,100	*6250 *13,800	5100 11,300
-3.0 m -10'	*16650 *36,700	*16650 *36,700	*27400 *60,400	25950 57,200	*21400 *47,200	15900 35,000	*16150 *35,600	10650 23,500	12550 27,600	8200 18,100	*8800 *19,400	5950 13,100
-4.6 m -15'	*22800 *50,200	*22800 *50,200	*26650 *58,800	26250 57,900	*20050 *44,200	15950 35,200	*15560 *34,300	11100 24,400	*12150 *26,800	8250 18,200	10000 *22,000	6960 15,300
-6.1 m -20'	*30850 *68,100	*30850 *68,100	*22650 *50,000	*22650 *50,000	*17300 *38,100	16300 36,000	*13260 *29,200	11350 25,000			*10000 *22,100	8850 19,500

Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

*Load is limited by hydraulic capacity rather than tipping.

**STANDARD EQUIPMENT****ENGINE AND ITS RELATED ITEMS:**

- Engine, Cummins N14, turbocharged and aftercooled, direct injection, emission certified, diesel
- Flywheel horsepower, 286 kW **384 HP**
- Air cleaner, cooling fan, suction, plastic blade, mixed flow with fan guard

ELECTRICAL SYSTEM:

- Alternator, 70 ampere/24V
- Batteries, large capacity, 170 Ah/2 x 12V
- Horn-connected light for truck loading
- Starting motor, 8.9 kW x 1

UNDERCARRIAGE:

- 750 mm **30"** triple grouser shoes with sealed (dry) link assembly
- 9 track/3 carrier rollers
- Hydraulic track adjusters
- Tracking guides

GUARDS AND COVERS:

- Dustproof net for radiator and oil cooler
- Engine accessory drive guard
- Low noise machine cover
- Pump/engine room partition
- Revolving frame undercover

OPERATOR ENVIRONMENT:

- Cab, steel, sound suppression, viscous mounting includes:
 - Air conditioner/heater
 - AM/FM radio
 - Antenna
 - Ceiling hatch
 - Cigarette lighter and ashtray

- Handrails for machine cab
- Horn, electric
- Floormat
- Lockable door
- Pull-up front window with lock device
- Removable lower windshield
- Rearview mirror, RH and LH
- Seat, adjustable with suspension, double side mechanism
- Seat belt, 3"
- Storage box
- Tinted safety glass
- Windshield washer and wiper (with intermittent feature)

**MONITORING SYSTEM,
ELECTRONIC DISPLAY ITEMS:**

- Instrument panel with electrically controlled engine throttle control dial, electrical service meter, clock, gauges, caution lights, indicator lights, level check lights, self-diagnostic system with trouble data memory

HYDRAULIC CONTROLS:

- HydrauMind system, full hydrostatic with open center load sensing, (OLSS) and engine sensing
 - Auto-deceleration system
 - Automatic engine warm-up system
 - Engine overheat prevention system
 - Heavy lift system
 - DH mode, power maximizing system
 - Working mode selection system

- Gear pump for control circuit
- Axial piston motors for swing and travel
- Variable piston pumps
- Spool control valve
- Control levers, adjustable wrist control levers for arm, boom, bucket, and swing with PPC system
- Oil cooler
- In-line filter

DRIVE AND BRAKE SYSTEM:

- Brakes, hydraulic lock type travel brakes, oil disc-type parking and swing holding brake
- Hydrostatic, two travel speeds with auto-shift and planetary double reduction type final drive

SPECIAL ARRANGEMENTS:

- Tropical climate arrangement

OTHER STANDARD EQUIPMENT:

- Automatic deaeration system for fuel line
- Automatic swing holding brake
- Boom and arm holding valve
- Corrosion resister
- Counterweight, 11750 kg **25,904 lb**
- Grease gun, electric pump type
- Marks and plates, English
- Paint, Komatsu Standard Natural Yellow
- PM tune-up service connector
- Remote greasing for radiator fan drive
- Travel alarm
- Vandalism protection provision tabs

**OPTIONAL EQUIPMENT**

- Arm assembly:
 - 4200 mm **14'0"**
 - 5200 mm **17'1"**
- Counterweight removal device
- Double grouser, holes (ILOS) 900 mm **36"** shoes
- FOPS
- Full-length track roller guards

SUPPORT

Count on Komatsu and your local distributor for the support you deserve. Our success depends on satisfying your need for productive equipment and supporting that equipment. That's why we have one of the largest and strongest heavy-equipment distributor organizations in North America. Their personnel are not only trained to help you select the equipment that is best-matched for your business but to support that equipment.



Finance

Through its finance company, Komatsu can offer you a wide variety of financing alternatives designed to meet your needs. Programs include municipal leases for governmental agencies, conditional sales contracts, and leases with \$1 purchase options for customers interested in owning their equipment. Ask your distributor about Komatsu leasing. We offer finance and operating leases and the unique *Advantage Lease* which offers you predetermined purchase, return, and renewal options.



Parts

Three computer-linked parts distribution centers provide fast access to anywhere in the U.S. and Canada. Most parts are available overnight. Plus, Komatsu distributors keep a large assortment of commonly used parts in stock for immediate access.



Remanufactured parts

Save money and still have the same warranty as new parts at a fraction of the cost with like-new remanufactured parts.



Maintenance

Take advantage of the experience we have gained and ask your distributor about our factory-supported programs including: regular scheduled maintenance, oil and wear analysis, diagnostic inspections, undercarriage inspections, training, special service tools, parts programs, and even a special software program to help your distributor keep track of and manage service-related data.

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