KOMATSU®

HYDRAULIC EXCAVATOR

PC390LC-8M0

HORSEPOWER
Gross: 194 kW **260 hp** @ 1,960 rpm
Net: 187 kW **250 hp** @ 1,960 rpm

OPERATING WEIGHT
38,600 - 39,900 kg

BUCKET CAPACITY
2.30 - 2.80 m³

ORIGIN JAPAN / KLTD

Photos may include optional equipment

WALK-AROUND

NET ENGINE POWER 250 hp

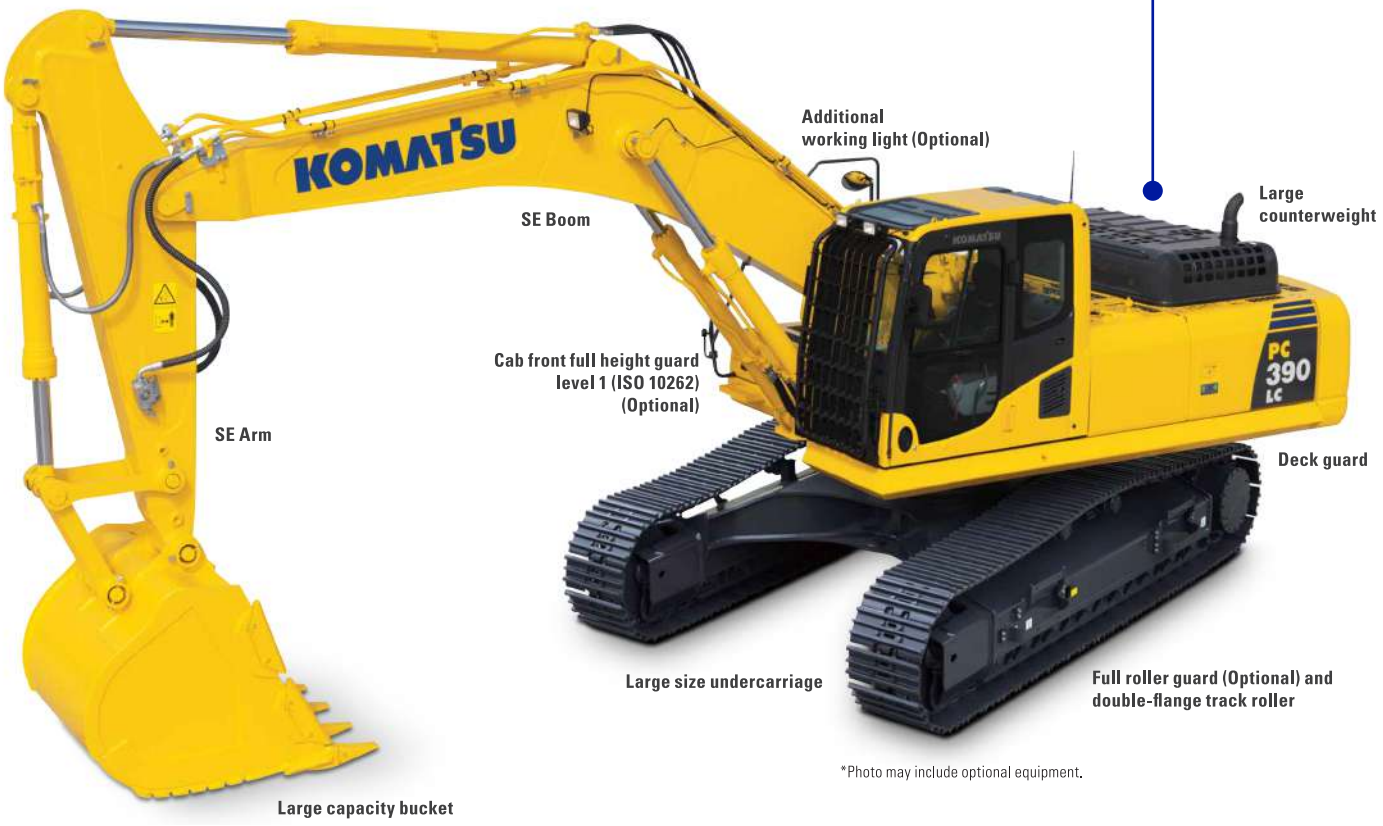


*Photo may include optional equipment.

»Productivity, ecology & economy

»Higher productivity with the largest bucket in class.
»Low fuel consumption by total control of the engine, hydraulic and electronic system.
»Low emission engine and low operation noise.
»Large drawbar pull and digging force.
»Two-mode setting for boom.

See pages 4 and 5.

»Comfort & safety

»Large comfortable cab.
»ROPS cab (ISO 12117-2).
»Rear view monitor system (Optional).

See pages 6 and 7.

»ICT* & KOMTRAX

»Large multi-lingual high resolution liquid crystal display (LCD) monitor.
»Equipment management monitoring system.
»Komtrax.

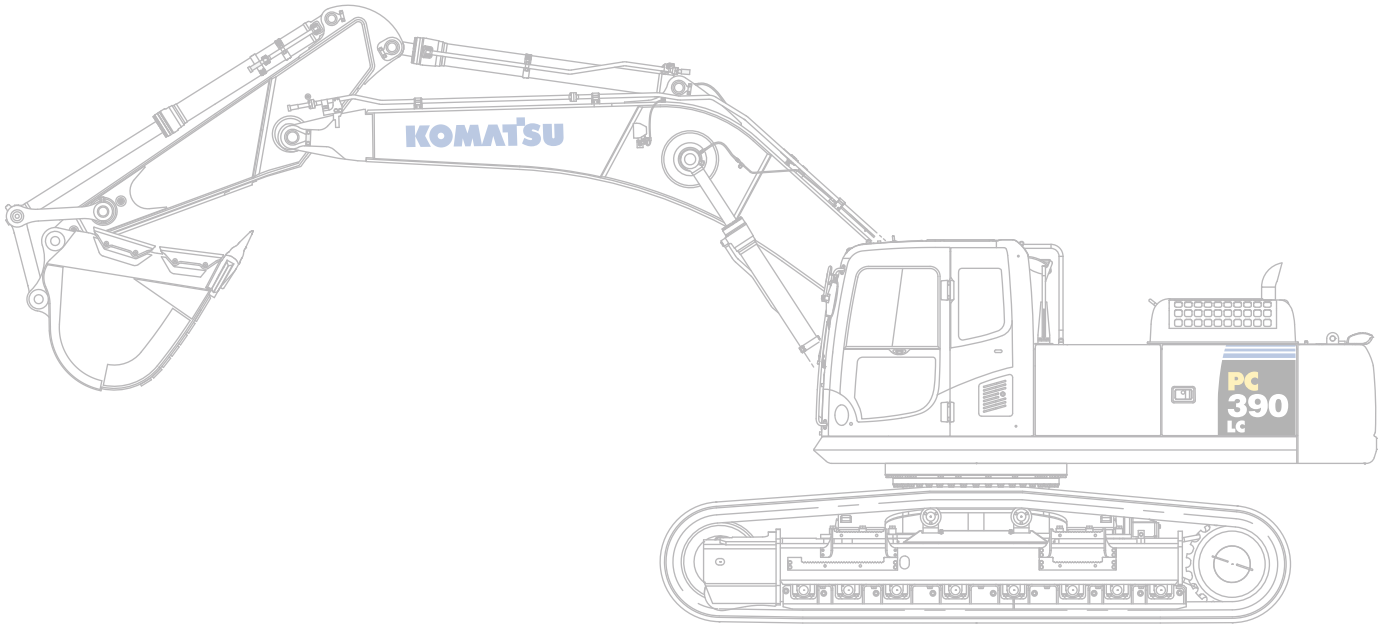
*Information and communication technology.

See page 8.

»Maintenance & reliability

»Large size undercarriage.
»Easy maintenance.
»High rigidity work equipment.

See page 9.



PRODUCTIVITY ECOLOGY & ECONOMY

»Higher productivity with the largest bucket in class

»PC390LC-8M0 is equipped with the largest capacity bucket in Komatsu's 30 ton class. Less number of bucket passes is required to fill a dump truck, thus productivity is increased.

Bucket capacity

2.4 m³ @ 1.7 t/m³

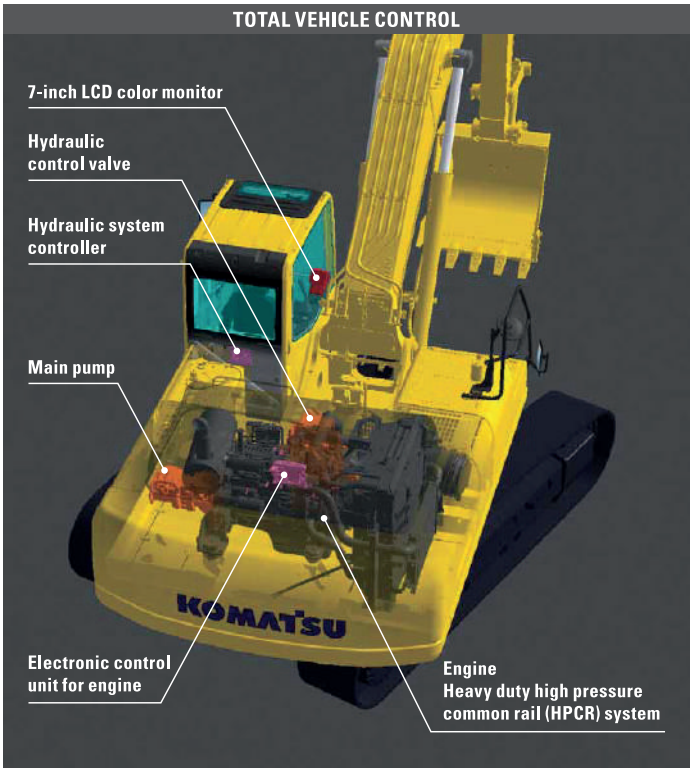
2.6 m arm, material density up to 1.8 t/m³.

»Low fuel consumption

»The newly-developed Komatsu SAA6D114E-3 engine enables NOx emissions to be significantly reduced with the accurate multi-staged fuel injection by the engine controller.
It improves total engine durability using the high-pressure fuel injection system developed specifically for construction machinery. This excavator significantly reduces hourly fuel consumption using the highly-efficient matching techniques of the engine and hydraulic unit and also provides features that promote energy-saving operations such as the E mode and ECO gauge.

»Komatsu technology

»Komatsu develops and produces all major components, such as engines, electronics and hydraulic components, in house. With this "Komatsu Technology" and adding customer feedback, Komatsu is achieving great advancements in technology. To achieve both high levels of productivity and economical performance, Komatsu has developed the main components with a total control system. The result is a new generation of high performance and environment-friendly excavators.



Low emission engine

Komatsu SAA6D114E-3 reduced NOx emission by 33% compared with the PC350-7. This engine is U.S. EPA Tier 3 and EU Stage 3A emissions equivalent.

Low operation noise

Enables a low noise operation using the low-noise engine and methods to cut noise at source.

Idling caution

To prevent unnecessary fuel consumption, an idling caution is displayed on the monitor, if the engine idles for 5 minutes or more.

»ECO gauge that assists energy-saving operations

»Equipped with the ECO gauge that can be recognized at a glance on the right of the multi-function color monitor for environment-friendly energy-saving operations. Allows focus on operation in the green range with reduced CO_2 emissions and efficient fuel consumption.

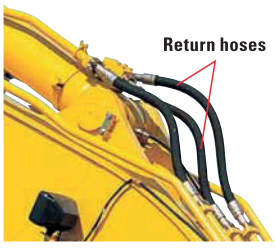
»Working modes selectable

»The PC390LC-8M0 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E mode). Each mode is designed to match engine speed and pump output to the application. This provides the flexibility to match equipment performance to the job at hand.

Working Mode	Application	Advantage
P	Power mode	• Maximum production/power. • Fast cycle times.
E	Economy mode	• Good cycle times. • Better fuel economy.
L	Lifting mode	• Suitable attachment speed. • Lifting capacity is increased 7% by raising hydraulic pressure.
B	Breaker mode	• Optimum engine rpm, hydraulic flow.
ATT/P	Attachment power mode	• Optimum engine rpm, hydraulic flow, 2 way. • Power mode.
ATT/E	Attachment economy mode	• Optimum engine rpm, hydraulic flow, 2 way. • Economy mode.

»Smooth loading operation

»Two return hoses improve hydraulic performance. In the arm out function, a portion of the oil is returned directly to the tank providing smooth operation.



»Large digging force

»When press the left knob switch which is called the one-touch power max. switch and when it is kept pressed, this function temporarily increases digging force for 8.5 seconds of operation.

Maximum arm crowd force (ISO 6015)

187 kN (19.1 t) ➡ **200 kN** (20.4 t) **7% UP**

(With power max.)

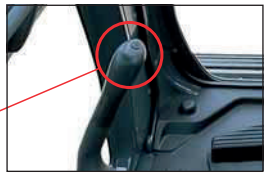
Maximum bucket digging force (ISO 6015)

238 kN (24.3 t) ➡ **255 kN** (26.0 t) **7% UP**

(With power max.)

Measured with power max. function, 3185 mm arm and ISO 6015 rating.

One-touch power max. switch



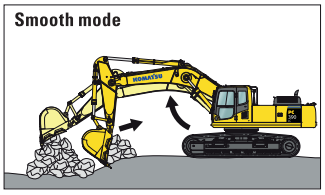
»Larger maximum drawbar pull

»Larger maximum drawbar pull provides superb steering and slope climbing performance.

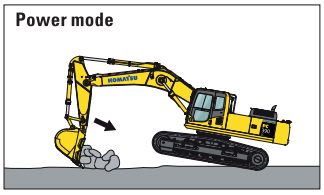
Maximum drawbar pull: 326 kN (33,200 kg)

»Two-mode setting for boom

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



Boom float upward, reducing lifting of machine front. This facilitates gathering blasted rock and scraping down operations.



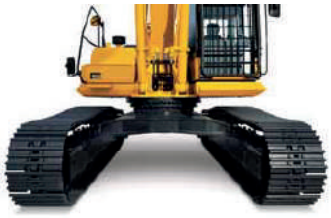
Boom pushing force is increased, ditch digging and box digging operation on hard ground are improved.

»Variable track gauge (Optional)

• Lateral stability is significantly improved when operating with the gauge extended.

• Lateral stability is increased by 30% (Compared with the fixed gauge version).

• With trackframes retracted, overall width complies with many local transportation regulations.



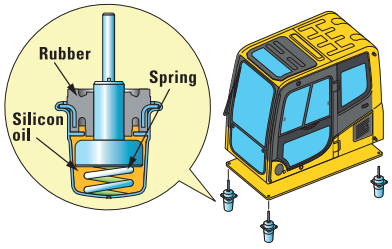
KOMATSU

COMFORT

Photo may include optional equipment.

»Low cab noise
»The newly-designed cab is highly rigid and has excellent sound absorption ability. Thorough improvement of noise source reduction and use of low noise engine, hydraulic equipment, and air conditioner allows this machine to generate a low level of noise.

»Low vibration with cab damper mounting
»PC390LC-8M0 uses viscous damper mounting for cab that incorporates longer stroke and the addition of a spring. The new cab damper mounting combined with high rigidity deck aids vibration reduction at operator seat.

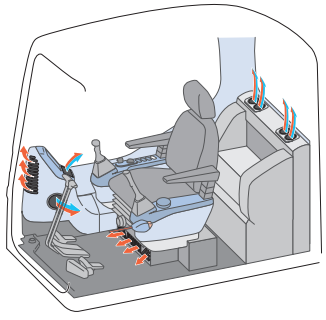


»Wide newly-designed cab
»Newly-designed wide spacious cab includes seat with reclining backrest. The seat height and longitudinal inclination are easily adjusted using a pull- up lever. You can set the appropriate operational posture of armrest together with the console. Reclining the seat further enables you to place it into the fully flat state with the headrest attached.

»Pressurized cab
»Optional air conditioner (A/C), air filter and a higher internal air pressure minimize external dust from entering the cab.

»Automatic air conditioner (A/C)
»Enables you to easily and precisely set cab atmosphere with the instruments on the large LCD.

The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year. Defroster function keeps front glass clear.

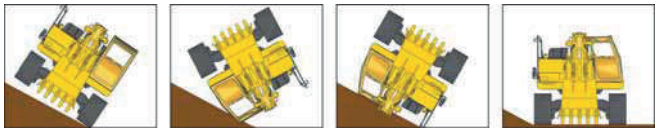


SAFETY

»ROPS cab

»The machine is equipped with a ROPS cab that conforms to ISO 12117-2 for excavators as standard equipment. The ROPS cab has high shock-absorption performance, featuring excellent durability and impact strength. It also satisfies the requirements of OPG top guard level 1 (ISO 10262) for falling objects. Combined with the retractable seat belt, the ROPS cab protects the operator in case of tipping over and against falling objects.

ROPS CAB STRUCTURE



»Slip-resistant plates

»Highly durable slip-resistant plates maintain superior traction performance for the long term.

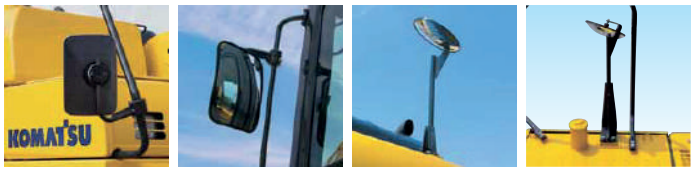
»Large serrated steps

»Lock lever

»Locks the hydraulic pressure to prevent unintentional movement. Neutral start function allows machine to be started only in lock position.

»Large side-view, rear and sidewise mirrors

»Enlarged left-side mirror and addition of rear and side mirror allow the PC390LC-8M0 to meet the visibility requirements (ISO 5006).



»Rear view monitor system (Optional)

»The operator can view the rear of the machine with a color monitor screen.

Rear view image on monitor

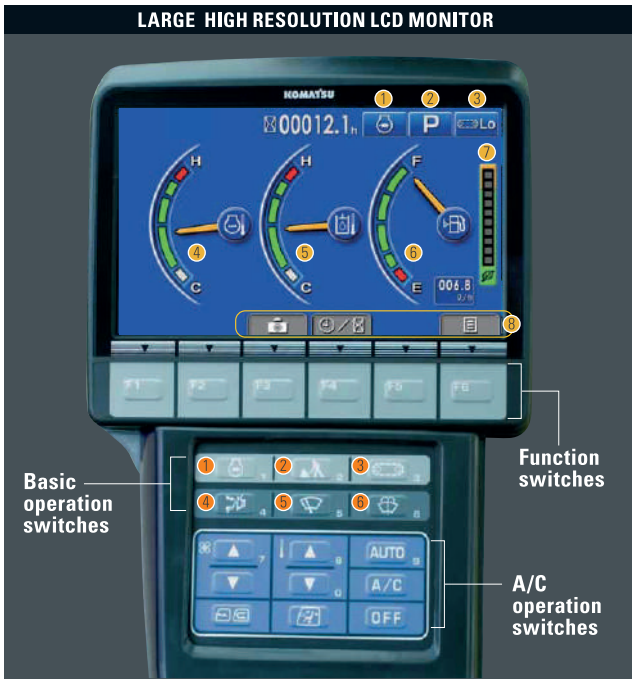
»Thermal and fan guards

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

»Pump/engine room partition

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

ICT & KOMTRAX



»Large multi-lingual high resolution LCD monitor

»A large user-friendly high resolution LCD color monitor enables safe, accurate and smooth work. Visibility and resolution are further improved compared with current 7-inch large LCD. Simple and easy to operate switches. Function keys facilitate multi-function operations. Displays data in 13 languages to globally support operators around the world.

Indicators

1. Auto-decelerator.
2. Working mode.
3. Travel speed.
4. Engine water temperature gauge.
5. Hydraulic oil temperature gauge.
6. Fuel gauge.
7. Eco gauge.
8. Fuel consumption gauge.
9. Function switches menu.

Basic operation switches

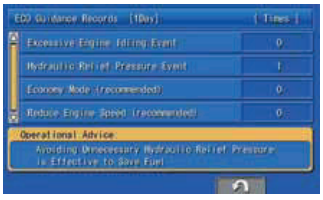
1. Auto-decelerator.
2. Working mode selector.
3. Traveling selector.
4. Buzzer cancel.
5. Wiper.
6. Windshield washer.

»Supports efficiency improvement

»The main screen displays advices for promoting energy- saving operations as needed. The operator can use the ECO guidance menu to check the operation records, ECO guidance records, average fuel consumption logs, etc.

ECO guidance

ECO guidance menu



ECO guidance records

Operation records

Average fuel consumption logs

»Equipment management monitoring system

• Monitor function

Controller monitors engine oil level, coolant temperature, battery charge air clogging, etc. If the controller finds any abnormality, it is displayed on the LCD.

• Maintenance function

The monitor informs replacement time of oil and filters on the LCD when the replacement interval is reached.

• Trouble data memory function

Monitor stores abnormalities for effective troubleshooting.

MAINTENANCE

»Side-by-side cooling

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

»Equipped with the drain valve as standard

»Prevents clothes and the ground from becoming contaminated due to oil leakage when replacing the engine oil.

»High-capacity air cleaner

»High capacity air cleaner is comparable to that of larger machines. The larger air cleaner can extend air cleaner life during long-term operation and prevents early clogging and resulting power decrease. Reliability is improved by a new seal design.

»Large fuel tank capacity

»Large fuel tank capacity extends operating hours before refueling. Fuel tank is treated for rust prevention.

»Easy access to engine oil filter and fuel drain valve

»Engine oil level gauge, and fuel filter are one side mounted to improve accessibility. Engine oil filter and fuel drain valve are remotely mounted to improve accessibility.

Engine oil filter

Fuel drain valve

»Long work equipment greasing interval (Optional)

»High quality bushings and resin shims are optionally available for work equipment pins excluding bucket, extending greasing interval to 500 hours.

»Long-life oil, filter

»Uses high-performance filtering materials and long-life oil. Extends the oil and filter replacement interval.

Engine oil & Engine oil filter every	500 hours
Hydraulic oil every	5,000 hours
Hydraulic oil filter every	1,000 hours

RELIABILITY

»Larger undercarriage

»PC390LC-8M0 employs undercarriage of PC450LC-8 one size larger with longer service life.

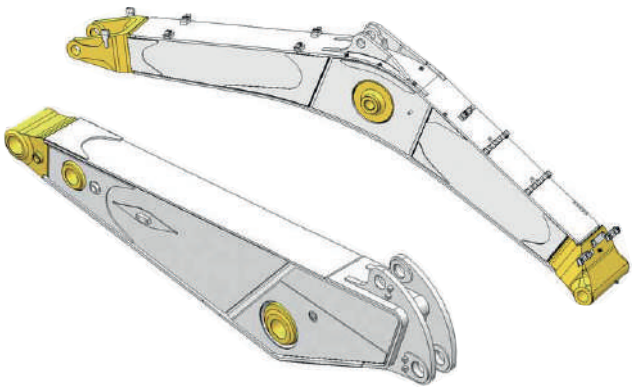
Large size undercarriage

Full roller guard (Optional)

Strengthened revolving frame undercover

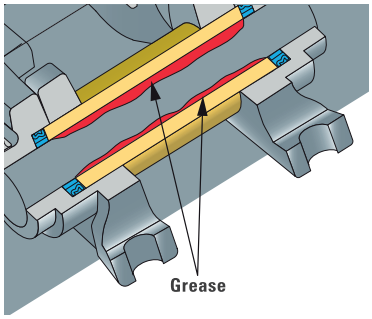
»High rigidity work equipment

»Boom and arms are constructed of thick plates of high tensile strength steel. In addition, these structures are designed with large cross-sectional areas and generous use of castings. The result is working attachments that exhibit long term durability and high resistance to bending and torsional stress.



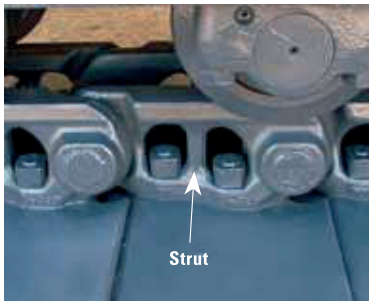
»Grease sealed track

»PC390LC-8M0 uses grease sealed tracks for extended undercarriage life.



»Larger track link with strut

»PC390LC-8M0 uses track links with strut, providing superb durability.



»Sturdy frame structure

»The revolving frame, center frame and undercarriage are designed by using the most advanced three-dimensional CAD and Finite Element Method (FEM) analysis technology.

»Highly reliable electronic devices

»Exclusively designed electronic devices have passed severe testing.

- Controller.
- Connectors.
- Sensors.
- Heat resistant wiring.

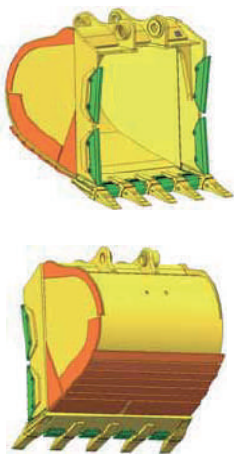
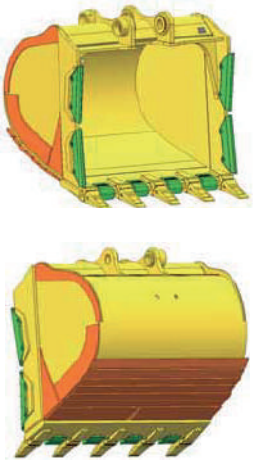
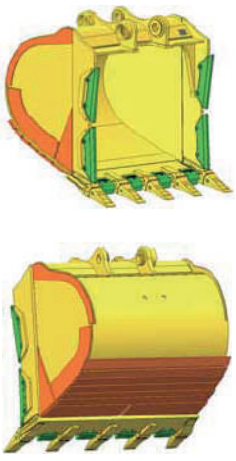
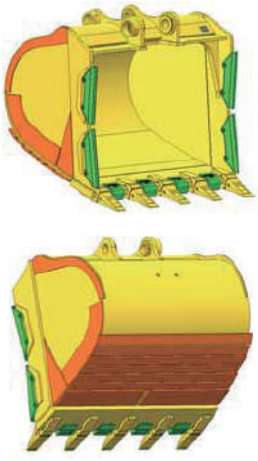
»Reliable components

»All of the major machine components, such as engine, hydraulic pumps, hydraulic motors and control valves are exclusively designed and manufactured by Komatsu.

BUCKET SELECTION

»Larger bucket selection

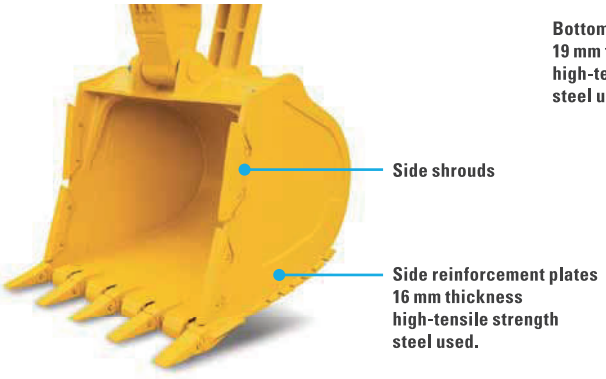
Bucket line-up

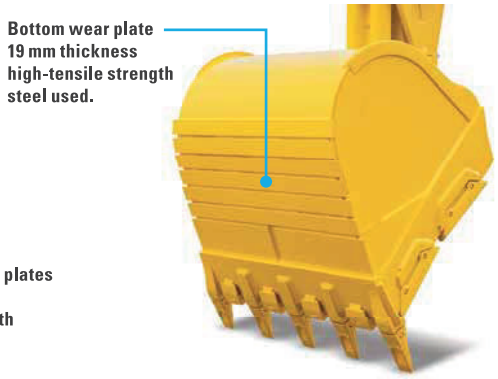
	SE 6.0 m boom			
	2.6 m arm		2.2 m arm	
Capacity	2.30 m³	2.70 m³	2.50 m³	2. 80 m³
Width*	1,560 mm	1,805 mm	1,685 mm	1,865 mm
Material density	◎	○	◎	○
Tooth type	Horizontal	Horizontal	Horizontal / KMAX	Horizontal
Shape				

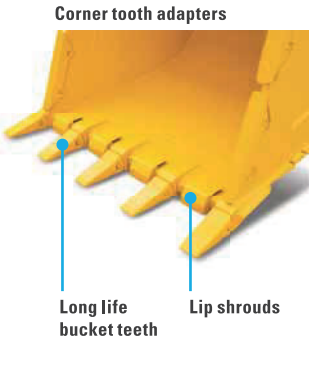
*With side shroud & tooth. ◎ : Material density up to 1.8 t/m³. ○ : Material density up to 1.5 t/m³.

»Quarry bucket and work equipment

»PC390LC-8M0 bucket is designed exclusively for quarry use and is higher strength for wear. Various parts of work equipment are also strengthened.

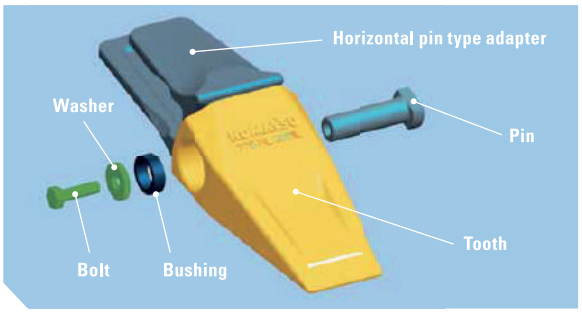






KOMATSU®

Feature of [PAB tooth] (Pin and bushing system tooth)



- Able to fit on the bucket with horizontal pin type adapter.
- Easy change-out only with a ratchet wrench.
- Longer tooth life by easy rotation and turnover.
- Durable and reusable PAB pin with flat surface.
  Limited to where horizontal pin type tooth is mainly used.

Set PAB tooth to horizontal pin type adapter.

Insert exclusive pin to the adapter pin hole.

Set bushing, washer and bolt and tighten by a ratchet wrench.

PAB tooth line-up

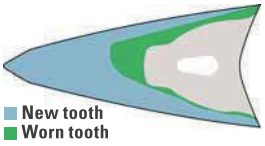
Type	Style
Integrated long life (IL)	
Heavy standard (HS)	
Heavy rock (HR)	

Feature of KMAX tooth system

- Better penetration and cycle times.
- Unique reusable fastener.
- Hardness throughout the tooth.
- Less "throw away" waste.
- Unique high strength design.
- Fast tooth changeover.

Tooth

477-532 Brinell level of hardness throughout the tooth.



The KMAX RC style tooth shown here offers a consumption ratio of 60%.

Fastener

Simple, reusable fastener system saves time and money by unlocking with a simple 90-degree turn.

To lock, use the correct size socket, rotate the pin locking shaft 90-degree clock wise to fi nish the installation.

When removing the fastener, use the correct size socket to rotate the pin-locking shaft 90-degree counter-clockwise.

KMAX Tooth Line-up

Feature	Style
F **Flare:** Loose material for clean bottom and greater fill.	
SYL **Standard:** General applications.	
SD **Chisel:** General purpose tooth designed for penetration.	
RC **Rock Chisel:** Designed for penetration and long wear life.	
T **Tiger:** Designed for good penetration with ribs for strength.	
TV **Tiger:** Offers best penetration in tight material.	
UT **Twin Tiger:** Offers longer life penetration for corners.	
WT **Twin Tiger:** Designed for penetration for corners.	

Some application may not have been available in your country or region. If you are interested in such application, please contact a Komatsu office near you.

ATTACHMENT & OPTIONS

»Komatsu genuine attachment tool

»Komatsu-recommended attachment tools for hydraulic excavators. A wide range of attachment tools are provided to suit customer´s specific applications.

»Hydraulic breaker

»The hydraulic breaker is an attachment tool used for crushing rock beds and paved surfaces, demolishing concrete structures, etc. The large gas chamber, ideal gas pressure ratio, and long-stroke piston deliver a powerful impact force. Since the breaker unit does not require an accumulator, the number of parts has been reduced, resulting in lower maintenance costs.

• Cab front full height guard level 1 (ISO 10262).

• Cab front full height guard level 2 (ISO 10262).

• Additional front lights.
• Rain visor.

• Air pre-cleaner.

• OPG top guard level 2 (ISO 10262).

• Strengthened track. frame undercover.

• Sun visor.

• Fixed skylight and sunshade.

• Seat, suspension.

• Fixed one-piece laminated front window glass.

The front window is fixed and uses laminated safety glass to prevent scattering of glass fragments when broken.

• Additional piping.

• Full roller guard.

KOMATSU®

KOMATSU TOTAL SUPPORT

»Komatsu total support

»To keep your machine available and minimize operation cost when you need it, Komatsu Distributor is ready to provide variety of support before and after procuring the machine.

»Fleet recommendation

»Komatsu Distributor can study customer job site and provide the most optimum fleet recommendation with detailed information to meet all of your application needs when you are considering to buy new machines or to replace the existing ones from Komatsu.

»Product support

»Komatsu Distributor secure the certain quality of machine will be delivered.

»Parts availability

»Komatsu Distributor is available for emergency inquiry by the customers for genuine, quality guaranteed Komatsu parts.

»Technical support

»Komatsu product support service (Technical support) are designed to help customer. Komatsu Distributor offers a variety of effective services how much Komatsu is dedicated to the maintenance and support of Komatsu machine.

- Preventive maintenance (PM) clinic.
- Oil & wear analysis program.
- Undercarriage inspection service, etc.

»Repair & maintenance service

»Komatsu Distributor offers quality repair service, periodical maintenance, and maintenance service to the customer, utilizing and promoting Komatsu developed programs.

»Komatsu Reman (Remanufactured) components

»Komatsu Reman products are the result of the implementation of the Komatsu global Reman policy which establishes and agrees to reduce the owning, operating and total Life Cycle Costs (LCC) to Komatsu's customer through prompt delivery, high quality and competitively priced in own remanufactured products (QDC).

SPECIFICATIONS

ENGINE

MODEL	Komatsu SAA6D114E-3.
TYPE	Water-cooled, 4-cycle, direct injection.
ASPIRATION	Turbocharged, aftercooled.
NUMBER OF CYLINDERS	6.
BORE	114 mm.
STROKE	135 mm.
PISTON DISPLACEMENT	8.27 ltr.
HORSEPOWER:	
SAE J1995	Gross 194 kW 260 hp.
ISO 9249/SAE J1349	Net 187 kW 250 hp.
RATED RPM	1,950 rpm.
FAN DRIVE METHOD FOR RADIATOR COOLING	Mechanical.
GOVERNOR	All-speed control, electronic.

U.S. EPA Tier 3 and EU Stage 3A emissions equivalent.

HYDRAULICS

TYPE	HydrauMind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load sensing valves and pressure compensated valves.
NUMBER OF SELECTABLE WORKING MODES	6.
MAIN PUMP:	
TYPE	Variable displacement piston type.
PUMPS FOR	Boom, arm, bucket, swing, and travel circuits.
MAXIMUM FLOW	535 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 SETTING:	
IMPLEMENT CIRCUITS	37.3 MPa 380 kg/cm².
TRAVEL CIRCUIT	37.3 MPa 380 kg/cm².
SWING CIRCUIT	27.9 MPa 285 kg/cm².
PILOT CIRCUIT	3.2 MPa 33 kg/cm².
HYDRAULIC CYLINDERS:	(Number of cylinders - bore x stroke x rod diameter)
BOOM	2-140 mm x 1,480 mm x 100 mm.
ARM	1-160 mm x 1,825 mm x 110 mm.
BUCKET	1-150 mm x 1,285 mm x 110 mm.

DRIVES AND BRAKES

STEERING CONTROL	Two levers with pedals.
DRIVE METHOD	Hydrostatic.
MAXIMUM DRAWBAR PULL	264 kN 26,900 kg.
GRADEABILITY	70%, 35°.
MAXIMUM TRAVEL SPEED:	
HIGH	5.5 km/h.
(AUTO-SHIFT) MID	4.5 km/h.
(AUTO-SHIFT) LOW	3.2 km/h.
SERVICE BRAKE	Hydraulic lock.
PARKING BRAKE	Mechanical disc brake.

SWING SYSTEM

DRIVE METHOD	Hydrostatic.
SWING REDUCTION	Planetary gear.
SWING CIRCLE LUBRICATION	Grease-bathed.
SERVICE BRAKE	Hydraulic lock.
HOLDING BRAKE/SWING LOCK	Mechanical disc brake.
SWING SPEED	9.5 rpm.

UNDERCARRIAGE

CENTER FRAME	X-frame.
TRACK FRAME	Box-section.
SEAL OF TRACK	Sealed track.
TRACK ADJUSTER	Hydraulic.
NUMBER OF SHOES (EACH SIDE)	49.
NUMBER OF CARRIER ROLLERS (EACH SIDE)	2.
NUMBER OF TRACK ROLLERS (EACH SIDE)	8.

COOLANT AND LUBRICANT CAPACITY (REFILLING)

FUEL TANK	605 L.
COOLANT	31 L.
ENGINE	37 L.
FINAL DRIVE (EACH SIDE)	9 L.
SWING DRIVE	16.5 L.
HYDRAULIC TANK	188 L.

OPERATING WEIGHT (APPROXIMATE)

Operating weight including 6,000 mm one-piece boom, 2,550 mm arm, ISO 7451 heaped 2.30 m³ backhoe bucket, rated capacity of lubricants, coolant, full fuel tank, operator, fixed gauge, and standard equipment.

Shoes	PC390LC-8M0	
	Operating weight	Ground pressure
600 mm	38,600 kg	66.5 kPa 0.68 kgf/cm²
700 mm	39,000 kg	57.6 kPa 0.59 kgf/cm²

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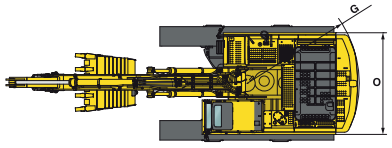
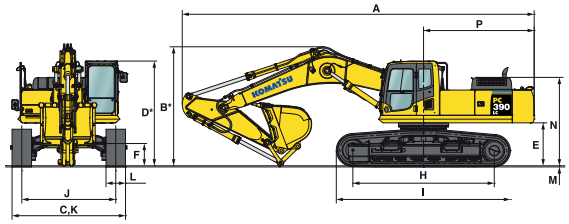
DIMENSIONS & WORKING RANGE

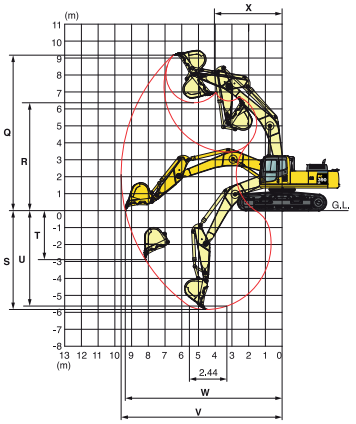
Model		PC390LC-8M0	
Boom Length		6,000 mm	
Arm length		2,550 mm	2,200 mm
A	Overall length	10,680 mm	10,825 mm
B	Overall height (To top of boom)*	3,500 mm	3,660 mm
C	Overall width	3,340 mm	3,340 mm
D	Overall height (To top of cab)*	3,220 mm	3,220 mm
E	Ground clearance, counterweight	1,320 mm	1,320 mm
F	Ground clearance (Minimum)	555 mm	555 mm
G	Tail swing radius	3,450 mm	3,450 mm
H	Track length on ground	4,350 mm	4,350 mm
I	Track length	5,385 mm	5,385 mm
J	Track gauge	2,740 mm	2,740 mm
K	Width of crawler	3,340 mm	3,340 mm
L	Shoe width	600 mm	600 mm
M	Grouser height	37 mm	37 mm
N	Machine cab height	2,720 mm	2,720 mm
O	Machine cab width	3,145 mm	3,145 mm
P	Distance, swing center to rear end	3,405 mm	3,405 mm

Model		PC390LC-8M0	
Boom Length		6,000 mm	
Arm length		2,550 mm	2,200 mm
Q	Max. digging height	9,700 mm	9,130 mm
R	Max. dumping height	6,770 mm	6,335 mm
S	Max. digging depth	6,055 mm	5,820 mm
T	Max. vertical wall digging depth	3,945 mm	2,885 mm
U	Max. digging depth of cut for 2,440 mm level	5,870 mm	5,630 mm
V	Max. digging reach	10,070 mm	9,620 mm
W	Max. digging reach at ground level	9,825 mm	9,380 mm
X	Min. swing radius	4,035 mm	4,080 mm
ISO 6015 rating	Bucket digging force at power max.	255 kN 26,000 kg	255 kN 26,000 kg
	Arm crowd force at power max.	200 kN 20,400 kg	252 kN 25,700 kg

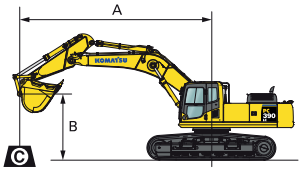
* Including grouser height







LIFTING CAPACITY WITH LIFTING MODE



PC390LC-8M0

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

PC390LC-8M0	Boom: 6,000 mm	Arm: 2,550 mm	Me Bucket: 2.30 m³ ISO 7451 heaped	Shoe: 600 mm triple grouser

A / B	⊗ MAX		8.0 m		7.5 m		6.0 m		4.5 m		3.0 m	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m	*6,110 kg	*6,110 kg										
6.0 m	*5,990 kg	*5,990 kg			*6,880 kg	6,840 kg	*8,070 kg	*8,070 kg				
4.5 m	*6,190 kg	5,370 kg	*6,870 kg	6,210 kg	*7,390 kg	7,030 kg	*8,880 kg	*8,880 kg	*11,540 kg	*11,540 kg		
3.0 m	*6,690 kg	4,880 kg	*7,280 kg	6,030 kg	*7,740 kg	6,790 kg	*9,790 kg	9,790 kg	*13,940 kg	*13,940 kg		
1.5 m	*6,820 kg	4,730 kg	*7,420 kg	5,860 kg	*8,040 kg	6,560 kg	*10,520 kg	9,530 kg	*15,120 kg	15,120 kg		
0 m	*6,910 kg	4,900 kg	*7,360 kg	5,710 kg	*8,070 kg	6,410 kg	*10,740 kg	9,240 kg	*15,110 kg	14,800 kg	*9,090 kg	*9,090 kg
-1.5 m	*6,940 kg	5,490 kg			*7,490 kg	6,300 kg	*10,230 kg	9,170 kg	*14,010 kg	13,900 kg	*16,070 kg	*16,070 kg
-3.0 m	*6,710 kg	*6,710 kg					*8,630 kg	8,550 kg	*11,770 kg	*11,770 kg	*14,990 kg	*14,990 kg
-4.5 m	*5,560 kg	*5,560 kg							*7,710 kg	*7,710 kg		

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

PC390LC-8M0	Boom: 6,000 mm		Arm: 2,200 mm		Bucket: 2.50 m³ ISO 7451 heaped		Shoe: 600 mm triple grouser					
A / B	MAX		8.0 m		7.5 m		6.0 m		4.5 m		3.0 m	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m	*7,810 kg	*7,810 kg										
6.0 m	*7,370 kg	7,370 kg					*8,070 kg	*8,070 kg				
4.5 m	*7,240 kg	6,020 kg			*7,390 kg	7,030 kg	*8,880 kg	*8,880 kg	*11,540 kg	*11,540 kg		
3.0 m	*7,270 kg	5,410 kg	*7,280 kg	6,030 kg	*7,740 kg	6,790 kg	*9,790 kg	9,790 kg	*13,940 kg	*13,940 kg		
1.5 m	*7,370 kg	5,220 kg	*7,420 kg	5,860 kg	*8,040 kg	6,550 kg	*10,520 kg	9,530 kg	*15,120 kg	15,120 kg		
0 m	*7,500 kg	5,440 kg			*8,070 kg	6,410 kg	*10,740 kg	9,240 kg	*15,110 kg	14,800 kg		
-1.5 m	*7,550 kg	6,190 kg					*10,230 kg	9,170 kg	*14,010 kg	*13,900 kg	*16,070 kg	*16,070 kg
-3.0 m	*7,260 kg	*7,260 kg					*8,630 kg	*8,550 kg	*11,770 kg	*11,770 kg	*14,990 kg	*14,990 kg
-4.5 m									*7,710 kg	*7,710 kg		

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

STANDARD EQUIPMENT

ENGINE:
»Automatic engine warm-up system.
»Dry type air cleaner, double element.
»Engine, Komatsu SAA6D114E-3.
»Engine overheat prevention system.
»Radiator and oil cooler dust proof net.
»Suction fan.

ELECTRICAL SYSTEM:
»Alternator, 24 V/60 A.
»Auto-decelerator.
»Batteries, 2 X 12 V/126 Ah.
»Starting motor, 24 V/7.5 kW.
»Working light, 2 (Boom and RH).

HYDRAULIC SYSTEM:
»Boom holding valve.
»Power maximizing system.
»Pressure proportional control (PPC) hydraulic control system.
»Two-mode setting for boom.
»Working mode selection system.

GUARDS AND COVERS:
»Fan guard structure.

UNDERCARRIAGE:
»Hydraulic track adjusters (Each side).
»Track roller:
- 8 each side.
»Track shoe:
- 600 mm triple grouser.

OPERATOR ENVIRONMENT:
»A/C with defroster.
»Cab with 2-piece pull up front window.
»Multi-function color monitor.
»Rear view mirror, RH, LH, rear, sidewise.
»ROPS cab (ISO 12117-2).
»Seat belt, retractable.
»Skylight.

OTHER EQUIPMENT:
»Counterweight.
»Electric horn.
»Rear reflector.
»Slip-resistant plates.
»Travel alarm.

OPTIONAL EQUIPMENT

ENGINE:
»Additional filter system for poor-quality fuel (Water separator).
»Large capacity fuel pre-filter.

ELECTRICAL SYSTEM:
»Batteries, 2 X 12 V/140 Ah.
»Working lights (2 on cab).

HYDRAULIC SYSTEM:
»Service valve.

UNDERCARRIAGE:
»Full roller guard.
»Shoes, triple grouser shoes:
- 700 mm
»Track frame undercover.
»Variable track gauge.

OPERATOR ENVIRONMENT:
»Bolt-on top guard, OPG top guard level 2 (ISO 10262).
»Cab accessories:
- Rain visor.
- Sun visor.
»Cab front guard:
- Full height guard, OPG level 1 (ISO 10262).
- Full height guard, OPG level 2 (ISO 10262).
- Half height guard.
»Cab with fixed front window.
»Fixed skylight and sunshade.
»Rear view monitor system.
»Seat, suspension.

WORK EQUIPMENT:
»Arms:
- 2,200 mm arm assembly.
- 2,550 mm arm assembly.
»Boom:
- 6,000 mm.

OTHER EQUIPMENT:
»Electric grease gun.
»Fuel refill pump.

Optional equipment may not be available in your country.
Please contact your Distributor for further information.

KOMTRAX

SATELLITE MONITORING SYSTEM

KOMTRAX PLUS is a revolutionary tracking system designed to save time and money. Nowadays, the equipment can be tracked anytime and anywhere. This valuable data, received via the KOMTRAX website, can be used to optimize planning of the movements and performance of the equipment.

FEATURES

»LOCATION
KOMTRAX uses a satellite positioning network to inform the location of the equipment.

»GEOFENCE
In partnership with their Komatsu Distributor, owners can create virtual fences (Geo) to receive alerts when the equipment enters or leaves the designated range for operations.

»SERVICE METER READING
Daily report of the equipment's working hours, which allows planning maintenance and replacement of components.

»KOMTRAX OPERATION MAPS
In the operation maps you can check the times of the day when the equipment is in operation and if the workers are performing their duties in the stipulated times.

»FUEL MEASUREMENT LEVEL
Shows the amount of fuel at the end of the working day.

»WATER TEMPERATURE DAILY RECORD
Constant record of the increase of engine water temperature with a daily report at the end of the day.

»CAUTIONS
If a light turns on in the cab of the equipment, it indicates that a problem occurs. From the website of the application you can check the reason for the problem, the time it occurred and a record number will be generated.

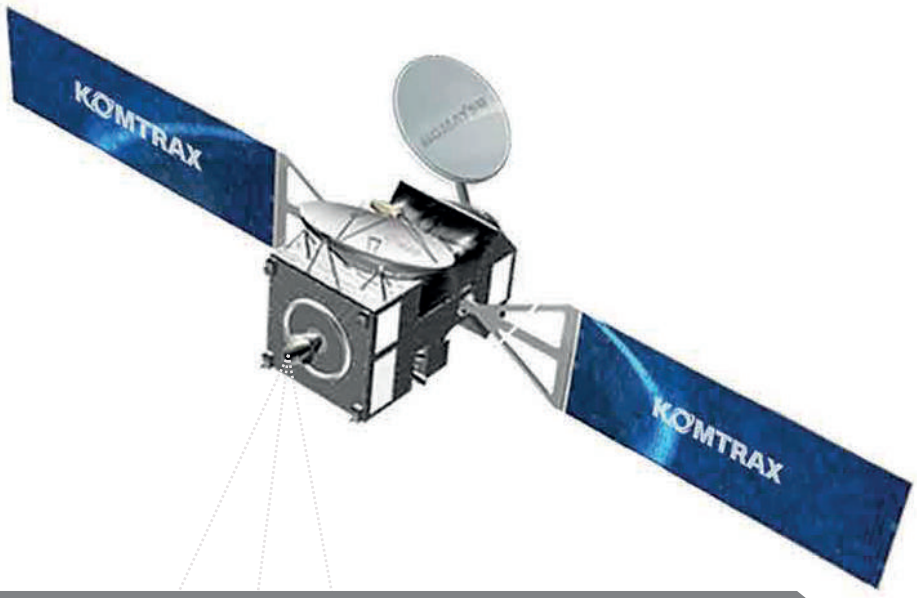
»ABNORMALITY CODES
Abnormality codes are transmitted to the Komatsu Distributor for troubleshooting before technicians arrive at the workplace. An email notification is also sent with the code of what happened.

»NOTICE OF MAINTENANCE REPLACEMENT
The system generates alerts to inform that the equipment requires replacement of elements like filters and oil.

»EQUIPMENT KEY HOURS
Detailed information on key equipment hours such as excavation, travel, unloading and elevation. This can help to monitor and compare equipment performance, in addition to working hours and idle times.

»LOADING FREQUENCY
Information on the load factor of the equipment to know if it is performing in a light, medium or heavy work.

»ANTI-THEFT ENGINE LOCK
KOMTRAX has a system to lock and unlock the motor of the equipment, which will allow the operation only on preset days, hours and areas.



KOMTRAX

FEATURES

»FUEL CONSUMPTION

On new Komatsu equipment, you can get the actual status of the fuel gallons consumed, besides an average of the fuel spent per hour during the period of operation.

»MONTHLY AND ANNUAL DATA REPORTS

KOMTRAX generates summaries of all critical system data to help with analysis of fleet utilization, equipment scheduling, future equipment purchases, labor costs, etc.

Check with your Komatsu dealer for the information available for your model and service availability in your country.

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For further information, contact your Distributor or visit our website **www.komatsulatinoamerica.com**

KLAT-EQ052/001-2019