KOMATSU

HB365LC-3

Tier 4 Final engine — hybrid hydraulic excavator

Net horsepower
269 HP (201 kW) @ 1,950 rpm

Operating weight
81,791-85,495 lbs. (37,180-38,780 kg)

Bucket capacity
0.89-2.56 yd^3 (0.68-1.96 m^3)

HB365LC-3

Photos may include optional equipment

High production and low fuel consumption

Hybrid excavator technology provides a fast and responsive swing. When swinging, all available hydraulic power is sent to the boom, arm and bucket to help improve cycle time and increase production.

The hybrid energy conservation system combined with Tier 4 Final technology provides up to 20% fuel savings compared to the non-hybrid excavator design.

A powerful Komatsu SAA6D114E-6 engine provides a net output of 269 HP (201 kW). This engine is EPA Tier 4 Final emissions certified.

Temperature controlled fan clutch helps promote fuel efficiency and low sound levels.

An ultra low idle speed and Komatsu hybrid technology work together to help reduce fuel consumption up to 20% compared to non-hybrid model.

Diesel exhaust fluid (DEF) tank and pump are separated and located for easy service access. DEF system components are heated for operation in cold temperatures.

Variable geometry turbocharger uses a hydraulic actuator to provide optimum air flow under all speed and load conditions.

Komatsu Diesel Particulate Filter (KDPF) and selective catalytic reduction (SCR) system reduce particulate matter and nitrogen oxide while providing automatic regeneration that does not interfere with daily operation.

Large displacement high efficiency pumps help provide high flow output at lower engine speed, improving efficiency.

Electrically driven swing motor powered by a Komatsu ultra capacitor provides high swing power and speed allowing oil flow, which would be used for swing, to be dedicated to the boom, arm, and bucket functions.

Engine driven generator charges the Komatsu ultra capacitor when required and can function as an electric motor to assist in engine response from ultra low idle.

Six working modes are designed to match engine speed, pump delivery and system pressure to a wide variety of applications.

Two boom mode settings provide power mode for maximum digging force or smooth mode for fine grading operations.

Komatsu's closed-center load sensing system (CLSS) hydraulic system provides quick response and smooth operation to help maximize productivity.

Komtrax
The Komtrax telematics system is standard on Komatsu equipment with no subscription fees throughout the life of the machine. Using the latest wireless technology, Komtrax transmits valuable information such as location, utilization, and maintenance records to a PC or smartphone app. Custom machine reports are provided for identifying machine efficiency and operating trends. Komtrax also provides advanced machine troubleshooting capabilities by continuously monitoring machine health.

Large LCD color monitor:
- 7-inch high resolution display
- Provides "Ecology Guidance" to help fuel efficient operation
- Enhanced attachment control

Peace of Mind
The hybrid components are covered by a 7-year/15,000 hour fully transferrable warranty.

Rearview monitoring system (standard) displays video of area behind the machine together with machine gauges on the large LCD monitor panel.

Enhanced working environment
- High back,heated air suspension operator seat with adjustable armrests
- Climate control system automatically adjusts heating and cooling for comfortable operator environment
- Integrated ROPS cab design (ISO 12117-2)
- Cab meets ISO Level 1 Operator Protective Guard (OPG) top guard (ISO 10262)
- Standard pattern change valve to switch from ISO to BH control pattern
- Auxiliary jack and (2) 12 V power outlets

Komatsu designed and manufactured components

Handrails (standard) located on the machine upper structure provide a convenient work area in front of the engine.

Battery disconnect switch allows a technician to disconnect the power supply before servicing the machine.

Heavy-duty boom design with large one piece castings provide increased strength and durability.

Komatsu Auto Idle and Auto Idle Shutdown systems help reduce nonproductive engine idle time and operating costs.

Operator identification system can track key machine operation and application information for up to 100 individual ID codes and provide information through Komtrax.

Performance features

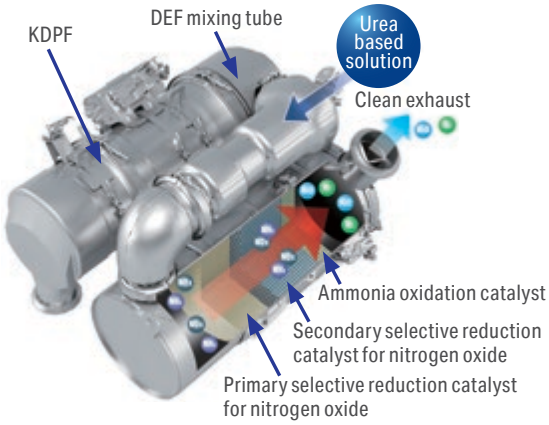
Komatsu engine technologies

Regulations effective in 2014 require the reduction of nitrogen oxide emissions to one-tenth or below from the preceding regulations. In addition to refining the Tier 4 Interim technologies, Komatsu has developed a new selective catalytic reduction (SCR) device in-house.

Technologies applied to new engine

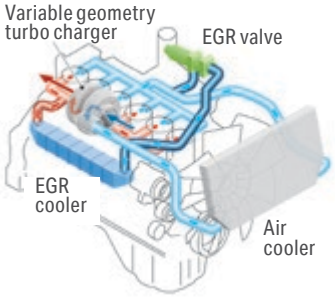
Heavy-duty aftertreatment system

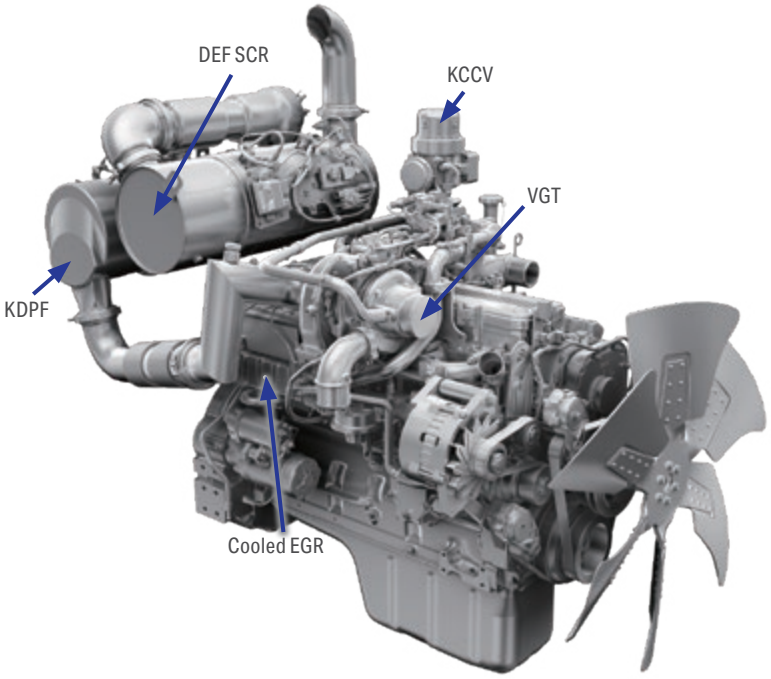
This new system combines a Komatsu Diesel Particulate Filter (KDPF) and selective catalytic reduction (SCR). The SCR nitrogen oxide reduction system injects the correct amount of diesel exhaust fluid (DEF) at the proper rate, thereby decomposing nitrogen oxide into non-toxic water vapor (H2O) and nitrogen gas (N2).



Heavy-duty cooled exhaust gas recirculation (EGR) system

The system recirculates a portion of exhaust gas into the air intake and lowers combustion temperatures, thereby reducing nitrogen oxide emissions. EGR gas flow has been decreased for Tier 4 Final with the addition of SCR technology. The system promotes a dynamic reduction of nitrogen oxide, while helping reduce fuel consumption below Tier 4 Interim levels.



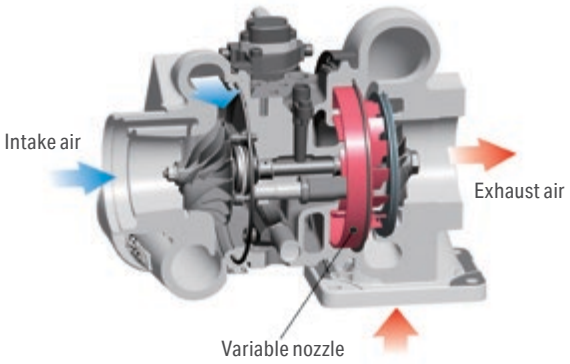


Advanced electronic control system

The electronic control system performs high-speed processing of all signals from sensors installed in the vehicle providing total control of equipment in all conditions of use. Engine condition information is displayed via an onboard network to the monitor inside the cab, providing necessary information to the operator. Additionally, managing the information via Komtrax helps customers keep up with required maintenance.

Variable geometry turbocharger (VGT) system

The VGT system features proven Komatsu design hydraulic technology for variable control of airflow and supplies optimal air according to load conditions. The upgraded version helps provide effective exhaust temperature management.



Komatsu Auto Idle

Komatsu Auto Idle automatically reduces engine rpm after four seconds of work equipment inactivity to reduce unnecessary fuel consumption and exhaust emissions.

Komatsu Auto Idle Shutdown

Komatsu Auto Idle Shutdown automatically shuts the engine down after idling for a set period of time to reduce unnecessary fuel consumption and exhaust emissions. The amount of time before the engine is shutdown can be easily programmed from 5 to 60 minutes.

Working modes selectable

Ecology guidance

Ecology gauge and fuel consumption gauge

Idling caution

Increased work efficiency

Maximum arm crowd force (ISO 6015)

160 kN (16.3 t) ➡ 171 kN (17.4 t) (with Power Max) 7% up

Maximum bucket digging force (ISO 6015)

212 kN (21.6 t) ➡ 227 kN (23.1 t) (with Power Max) 7% up

Measured with Power Max function, 3,185 mm arm and ISO 6015 rating

Large digging force
With the one-touch Power Max function, digging force is increased for 8.5 seconds of operation.

Fast arm cycle speeds
Two return hoses help improve arm cylinder hydraulic flow for fast arm-out performance.

Two-mode settings for boom

- Smooth boom mode reduces boom down force for working on hard surfaces or for hydraulic hammer operation
- Power boom mode optimizes digging force for effective excavating

Lifting mode
When the lifting mode is selected, lifting capacity is increased 7% by raising hydraulic pressure.

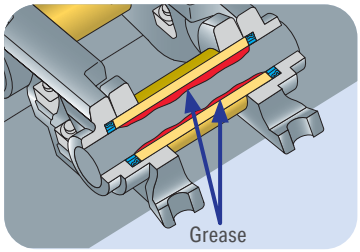
Performance features

Drawbar pull

The Komatsu designed final drives and undercarriage provide high drawbar pull for good maneuverability and performance when working on adverse grades or soft ground.

Grease sealed track

The HB365LC-3 uses grease sealed tracks to help extend undercarriage life.



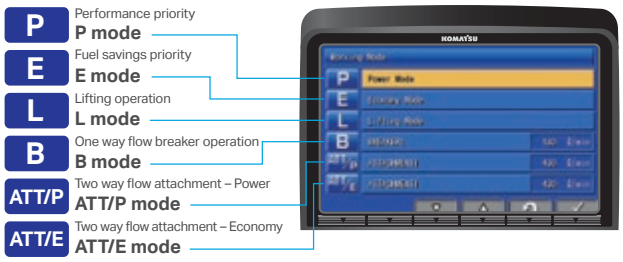
Large displacement high efficiency pump

Large displacement hydraulic implement pumps provide high flow output at lower engine rpm and optimize your engine speed.

Working model selection

The HB365LC-3 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E). "Power" mode optimizes hydraulic power to help increase cycle times and improve performance in demanding applications. Each mode is designed to match engine speed, pump flow and system pressure to the application. The HB365LC-3 features an "attachment" mode (ATT/E) that allows operators to run attachments while in "economy" mode.

Working mode	Application	Advantage
P	Power mode	Optimized production, power and multifunction
E	Economy mode	Good cycle times with reduced fuel consumption
L	Lifting mode/ fine control	Increased lifting power and fine control
B	Breaker mode	One-way flow for hydraulic breaker operation
ATT/P	Attachment power mode	Two-way flow with maximum power
ATT/E	Attachment economy mode	Two-way flow with most efficient fuel economy



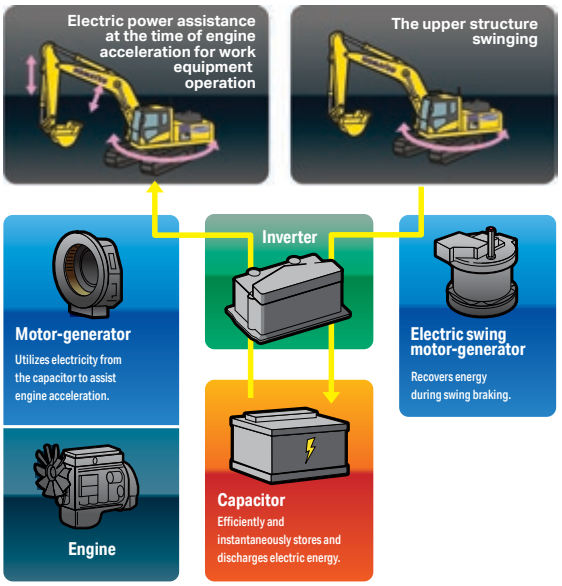
High rigidity work equipment

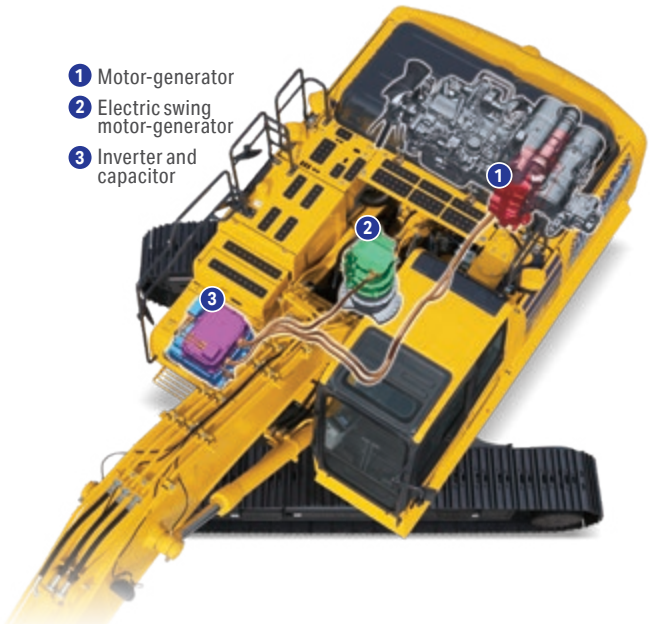
Booms and arms are constructed with thick plates of high tensile strength steel. In addition, these structures are designed with large cross sectional areas and large one-piece castings in the boom foot, the boom tip and the arm tip. The result is work equipment that exhibits long term durability and high resistance to bending and torsional stress.
A standard HD boom design provides excellent strength and reliability.

Hybrid technology

Reliable and durable hybrid components developed and manufactured by Komatsu.
The unique Komatsu hybrid system uses an electric swing motor-generator to capture and regenerate swing energy as the upper structure slows down and converts it into electric energy. The regenerated energy is stored in a high performance capacitor and used to provide power to the swing motor when swinging. The capacitor also powers an engine mounted motor-generator to assist the engine when it needs to accelerate. The hybrid system helps to reduce fuel consumption significantly. Most components of the system are developed and manufactured by Komatsu.

*Except capacitor cells





Motor-generator

A motor-generator is positioned between the engine and hydraulic pumps to assist in rapid engine response from ultra low idle when required. The generator produces electric power and charges the capacitor when required.

Electric swing motor-generator

An electric swing motor-generator recovers energy during swing braking. The motor-generator also accelerates the swing of the upper structure more efficiently than a conventional hydraulic motor and provides excellent swing performance. Dedicated lubrication and cooling systems are used to promote reliability and durability.

Ultra capacitor assembly

The ultra-capacitor assembly includes an inverter that switches the AC electricity from the generator motor and swing motor into DC electricity for storage in the capacitor. Since capacitors require migration of electrons and ions for charging and discharging, they can transfer power much faster than batteries, which use chemical reactions to produce electricity. The industrial quality designed inverter and capacitor provide long service life, and helps reduce the need for periodic maintenance.

Easy-to-understand hybrid operation monitor screen

Energy management screen
The hybrid system operating status can be easily displayed on the monitor to show how energy is flowing through the system components which include capacitor charging/discharging and engine assist by the generator/motor.

Hybrid system temperature gauge

Hybrid system temperature gauge

A hybrid system temperature gauge is included in the main display screen along with engine and hydraulic temperature gauges. It displays the hybrid system temperature and allows the operator to monitor the system status at a glance.

Hybrid technology

Help reduce fuel consumption with the Komatsu hybrid system, a Tier 4 Final engine design and a complete, integrated vehicle control system.

Fuel consumption

Reduced by up to 20%
(vs. PC360LC-11)

Based on typical work pattern collected via Komtrax

Viscous fan clutch

A temperature controlled viscous fan clutch helps improve engine efficiency and reduce engine power requirements when operating in cooler temperatures.

External noise level vs. PC360LC-11

Reduced by 4 dbA

Based on ISO 6395 dynamic test.

General features

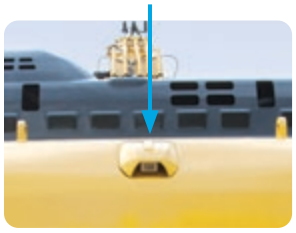
ROPS cab structure

The machine is equipped with a ROPS cab that conforms to ISO 12117-2 for excavators as standard equipment. It also satisfies the requirements for Level 1 Operator Protective Guard (OPG) and top guard (ISO 10262).

Rearview monitoring system

A rearview monitoring system display has a rear view camera image that is continuously displayed together with the gauges and important vehicle information. This enables the operator to carry out work while easily checking the surrounding area.

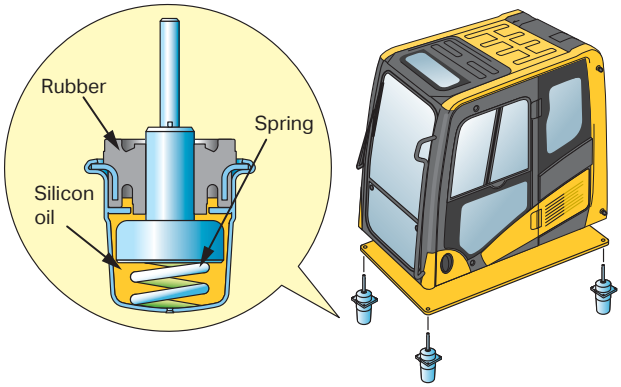
Rearview camera



Rearview image on monitor

Low vibration with viscous cab mounts

The HB365LC-3 uses viscous mounts for the cab that incorporate a longer stroke and the addition of a spring. The cab damper mounting combined with a high rigidity deck helps reduce vibration at the operator's seat.



General safety features

- Lock lever
- Retractable seat belt
- Tempered and tinted glass
- Large cab entrance step
- Left and right side handrails
- Large mirrors
- Slip-resistant plates
- Thermal and fan guards
- Pump/engine compartment partition
- Travel alarm

Secondary engine shutdown switch at base of seat to shutdown the engine.

Seat belt caution indicator

Working environment

Comfortable working space

Wide spacious cab
Wide spacious cab includes seat with reclining backrest. The seat height and position 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.

Arm rest with simple height adjustment
A knob and plunger on the armrests allow easy height adjustment without the use of tools.

Low vibration with cab damper mounting

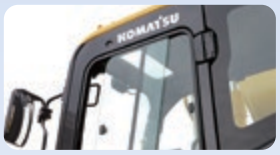
Automatic climate control

Pressurized cab with cab air filter

Auxiliary input jack
Connecting a regular audio device to the auxiliary jack allows the operator to hear the sound from the speakers installed in the cab.

Standard equipment

Sliding window glass (left side)



Bluetooth, AM/FM stereo

Remote intermittent wiper with windshield washer

Easy-to-access AC controls

Opening/closing skylight

Magazine box and cup holder

Defroster (conforms to the ISO standard)

One-touch storable front window lower glass

Large high resolution LCD monitor

New monitor panel interface design
An updated large high resolution LCD color monitor promotes accurate and smooth work. The interface has been redesigned to display key machine information in a new user friendly interface. A rearview camera and a DEF level gauge display have been added to the default main screen. The interface has a function that enables the main screen mode to be switched, thus enabling the optimum screen information for the particular work situation to be displayed.

Indicators

1. Auto-decelerator
2. Working mode
3. Travel speed
4. Camera direction display
5. Ecology gauge
6. Camera display
7. Hybrid system temperature gauge
8. Engine coolant temperature gauge
9. Hydraulic oil temperature gauge
10. Fuel gauge
11. DEF level gauge
12. DEF level caution lamp
13. Service meter, clock
14. Fuel consumption gauge
15. Guidance icon
16. Function switches

Basic operation switches

1. Auto-decelerator
2. Working mode selector
3. Travel speed selector
4. Buzzer cancel
5. Wiper
6. Window washer

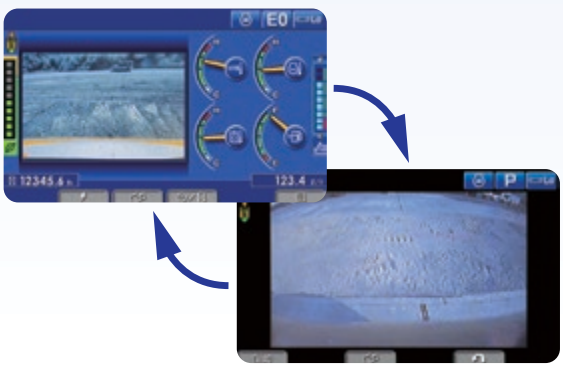
Visual user menu

Pressing the F6 key on the main screen displays the user menu screen. The menus are grouped for each function, and use easy-to-understand icons which enable the machine to be operated easily.

1. Energy saving guidance
2. Machine settings
3. Aftertreatment devices regeneration
4. SCR information
5. Maintenance
6. Monitor setting
7. Message check

Switchable display modes

The main screen display mode can be changed by pressing the F3 key. Screen images shown are for the standard rearview camera.



Working environment

Support efficiency improvement

Ecology guidance

While the machine is operating, ecology guidance pops up on the monitor screen to notify the operator of the status of the machine in real time.

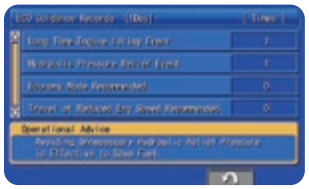
Ecology gauge and fuel consumption gauge

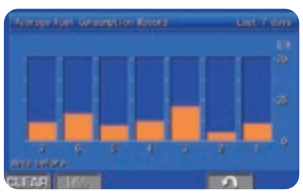
The monitor screen is provided with an ecology gauge and also a fuel consumption gauge which is displayed continuously. In addition, the operator can set any desired target value of fuel consumption (within the range of the green display), enabling the machine to be operated with efficient fuel economy.

Operation record, fuel consumption history and ecology guidance record

The ecology guidance menu enables the operator to check the operation record, fuel consumption history and ecology guidance record from the ecology guidance menu, using a single touch, thus assisting operators with reducing total fuel consumption.


Operation record


Ecology guidance record


Fuel consumption history

KomVision optional

Images from four cameras are combined to display a "birds eye" view of the area around the machine to promote improved operator awareness. A second display with selectable individual camera views of the left, rear and right sides is easily changed using the F4 button. A red line continuously shows where the counterweight will be during swinging and a camera icon indicates which camera is being displayed on individual camera display screen.

Maintenance features

Large capacity air cleaner

The large air cleaner helps extend air cleaner life during long-term operation and helps prevent early clogging, and resulting power loss. A radial seal design is used for reliability.

Engine access

Large rear opening hood provides excellent maintenance and service access to key engine components.

Fuel filters

Large high-efficiency fuel filter and pre-filter with water separator helps remove contaminants from fuel to promote long fuel injection system life. Built-in priming pump simplifies maintenance.

High efficiency fuel filter

Fuel pre-filter (with water separator)

Easy access to engine oil filter and fuel drain valve

Engine oil filter and fuel drain valve are remote mounted for easy access.

Battery disconnect switch

A standard battery disconnect switch allows a technician to disconnect the power supply and lock out before servicing the machine.

Air conditioner filter

The air conditioner filter can be removed and installed without the use of tools for easy filter maintenance.

Washable cab floormat

Sloping track frame

Long-life oils, filters

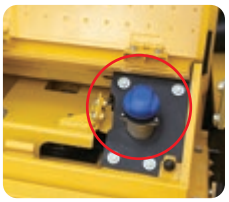
Engine oil and engine oil filter	every 500 hours
Hydraulic oil	every 5,000 hours
Hydraulic oil filter	every 1,000 hours

Electrical connectors

Sealed DT-type electrical connectors promote high reliability, water and dust resistance.

Diesel exhaust fluid (DEF) tank

A large tank volume extends operating time before refilling and is installed on the right front platform with a sight gauge for easy service. DEF tank and pump are separated for easy service access.



Maintenance Information

"Maintenance time caution lamp" display

When the remaining time to maintenance becomes less than 30 hours*, a maintenance time monitor appears. Pressing the F6 key switches the monitor to the maintenance screen.

*The setting can be changed within the range between 10 and 200 hours.

Maintenance screen

Manual stationary regeneration

Under most conditions, active regeneration will occur automatically without interrupting machine operation. In case the operator needs to disable active regeneration or initiate a manual stationary regeneration, this can be easily accomplished through the monitor panel. A soot level indicator is displayed to show how much soot is trapped in the KDPF.

Soot level indicator

Aftertreatment device regeneration screen

Supports the DEF level and refill timing

The DEF level gauge is displayed continuously on the right side of the monitor screen. In addition, when DEF level is low, DEF low level guidance messages appear in pop up displays to inform the operator in real time.

DEF level gauge

DEF low level guidance

Komatsu helps you bring it all together

Get the most out of your fleet on My Komatsu

We've designed a portal that makes it easy to collect, visualize and monitor data for both Komatsu machines and other OEM machines. My Komatsu also gives you one easy source for accessing manuals and purchasing parts for your machines.

- Quickly collect, view and manage intuitive data displays in one location
- Help keep costs under control
- Benchmark machine performance and track fuel consumption
- Monitor for theft and unauthorized use
- Receive timely maintenance alerts

My Komatsu, our comprehensive portal, analyzes telematics data from your on-machine technology — Komtrax and Komtrax Plus, or from other OEMs — and displays it on easy-to-read dashboards. Now you can get the powerful analytics you need to manage your costs and enhance your fleet's efficiency without a complicated process or expensive third-party solutions.

Data
Telematics data is generated by on-machine technology.

Storage
Telematics data flows into data storage. ISO 15143-3 (AEMP 2.0) facilitates the extraction and raw data to your choice of databases.

Connection
Choose how you want to connect and view your data. Go to multiple systems, send to a third party, or easily connect it all through My Komatsu.

Analytics
My Komatsu connects telematics data from Komatsu and non-Komatsu equipment and creates powerful analytics dashboard views.

Connect your machines to Smart Construction to optimize your job sites

Your projects depend on robust data that is easily shared, replicated, updated and — most important of all — correct.

Take a step toward a digital transformation of your job sites with Komatsu's suite of Smart Construction solutions, where advanced automation and integrated technologies intersect to help you:

- Track costs of labor, machines and materials
- Receive real-time insights straight from the field
- Enhance workflow with fully integrated data
- Visualize your data for actionable results
- Quickly map your job site
- Attract and retain talent

Not sure where to begin? Komatsu-certified solution experts are available on the phone, online or at your job site to help you navigate and thrive along your digitalization journey.

komatsu.com/smart-construction

Komatsu maintenance and repair programs

Simplify the complexities of machine owning and operating costs and enhance the value of your equipment with Komatsu's tiered maintenance and repair offerings. Manage your active coverage programs through the My Komatsu customer interface and take advantage of attractive financing options.

- Solutions that fit your needs and ease your mind
- Fixed maintenance and repair costs for the life of the contract
- National coverage

Komatsu Care Complimentary

Complimentary maintenance

Our complimentary scheduled maintenance program for the first three years or 2,000 hours, whichever occurs first.

Komatsu Care Plus

Extended maintenance

A continuation of the Komatsu Care program. Along with regularly scheduled maintenance and national distributor coverage, you get a variety of added benefits.

Komatsu Care Plus II

Extended maintenance and repair

Everything in the Komatsu Care Plus program bundled with comprehensive repair coverage for qualifying repairs.

Komatsu Care Plus III

Extended maintenance, repair and consumables

A comprehensive program that simplifies your equipment's total cost of ownership with a fixed cost per hour for qualifying repairs and replacements.

Komatsu Care Advantage Warranty

Extended warranty

Protect your equipment in the event a covered component fails due to a defect in material or workmanship. Repairs are performed by Komatsu-trained experts using Komatsu genuine parts.

komatsu.com/maintenance-repair

Komatsu Financial

Financial services built for your business success.

komatsu.com/financing

Komatsu Genuine Parts

Engineered to help extend the life of your Komatsu machine. Now available on the My Komatsu parts store.

komatsu.com/parts

Komatsu training

Comprehensive training support — virtually, at our facility or where most convenient.

komatsu.com/training

Engine

Model	Komatsu SAA6D114E-6*
Type	Water-cooled, 4-cycle, direct injection
Aspiration	Turbocharged, aftercooled, cooled EGR
Number of cylinders	6
Bore	114 mm (4.49 in)
Stroke	144.5 mm (5.69 in)
Piston displacement	8.85 L (540 in^3)
Horsepower	
SAE J1995	Gross: 271 HP (202 kW)
ISO 9249/SAE J1349	Net: 269 HP (201 kW)
ISO 9249/SAE J1349	Net: 251 HP (197 kW)
Rated rpm	1,950 rpm
Fan drive method for radiator cooling	Mechanical with viscous fan clutch
Governor	All-speed control, electronic

*EPA Tier 4 Final emissions certified

Hydraulics

Type	HydrauMind (Hydraulic Mechanical Intelligence) 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, and travel circuits
Maximum flow	535 L/min 141.3 gal/min
Supply for control circuit	Self-reducing valve
Hydraulic motors:	
Travel	2 x axial piston motors with parking brake
Swing	1 x axial piston motor with swing holding brake
Relief valve setting:	
Implement circuits	38.2 MPa 390 kg/cm^2 5,540 psi
Travel circuit	38.2 MPa 390 kg/cm^2 5,540 psi
Pilot circuit	3.2 MPa 33 kg/cm^2 470 psi
Hydraulic cylinders: (Number of cylinders – bore x stroke x rod diameter)	
Boom	2–140 mm x 1,480 mm x 100 mm (5.5" x 58.3" x 3.9")
Arm	1–160 mm x 1,825 mm x 110 mm (6.3" x 71.9" x 4.3")
Bucket	for 3,200 m 10'5" and 4,000 mm 13'2" Arms 1–140 mm x 1,285 mm x 100 mm (5.5" x 50.6" x 3.9")

Drives and brakes

Steering control	Two levers with pedals
Drive method	Fully hydrostatic
Maximum drawbar pull	65,191 lbs. (29,570 kg) 290 kN
Gradeability	70%, 35°
Maximum travel speed:	High 5.5 km/h 3.4 mph
(Auto-shift)	Mid 4.5 km/h 2.8 mph
(Auto-shift)	Low 3.2 km/h 2.0 mph
Service brake	Hydraulic lock
Parking brake	Mechanical disc brake

Swing system

Drive method	Electric drive
Swing reduction	Planetary gear
Swing circle lubrication	Grease-bathed
Service brake	Electric brake
Holding brake/swing lock	Mechanical disc brake
Swing speed	9.5 rpm
Swing torque	82,313 ft lbs. (11,386 kg m)

Undercarriage

Center frame	X-frame
Track frame	Box-section
Track type	Sealed
Track adjuster	Hydraulic
Number of shoes (each side)	48
Number of carrier rollers (each side)	2
Number of track rollers (each side)	8

Coolant and lubricant capacity (refilling)

Fuel tank	605 L 159.8 US gal
Coolant (engine)	42.0 L 11.1 US gal
Ultra capacitor cooling system	11.7 L 3 US gal
Engine	38.5 L 10.2 US gal
Final drive, each side	9.0 L 2.4 US gal
Swing drive	15.6 L 4.12 US gal
Swing motor - generator	3.6 L 0.95 US gal
Motor-generator	8.5 L 2.24 US gal
Hydraulic tank	188 L 49.7 US gal
DEF tank	39.2 L 10.3 US gal

Sound performance

Exterior – ISO 6395	101 dB(A)
Operator – ISO 6396	69 dB(A)

Operating weight (approximate)

Operating weight including 6,500 mm (21'3") one-piece HD boom, 3,185 mm 10'5") arm, 850 mm (33.5") track shoes, SAE heaped 2.56 yd^3 (1.96 m^3) bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Triple-Grouser	Operating Weight	Ground Pressure (ISO 16754)
700 mm (28")	83,012 lbs. (37,654 kg)	0.62 kg/cm^2 8.79 psi
800 mm (31.5")	83,894 lbs. (38,054 kg)	0.55 kg/cm^2 7.77 psi
850 mm (33.5")	84,335 lbs. (38,254 kg)	0.52 kg/cm^2 7.35 psi

Component	Arm including bucket cylinder and linkage
Weights	3,185 mm (10'5") arm assembly, 3,882 lbs. (1,761 kg) 4,020 mm (13'2") arm assembly, 4,383 lbs. (1,988 kg) One piece HD boom including arm cylinder 6,500 mm (21'3") boom assembly, 6,912 lbs. (3,135 kg) Boom cylinders x 571 lbs. (2,259 kg) Counterweight, 13,933 lbs. (6,320 kg) 2.56 yd^3 (1.96 m^3) TL bucket - 54" width, 3,425 lbs. (1,554 kg) Plus one piped boom and arm, Add 220 lbs. (100 kg)

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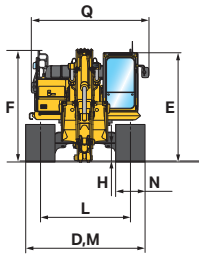
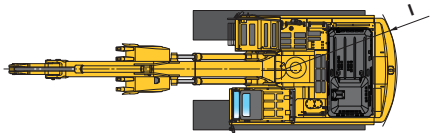
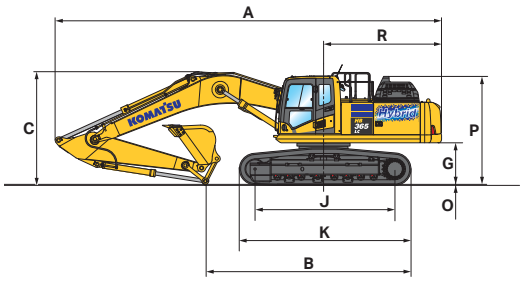
Dimensions

	Arm Length	3,185 mm	10'5"	4020 mm	13'2"
A	Overall length	11,145 mm	36'7"	11170 mm	36'8"
B	Length on ground (transport)	5,935 mm	19'6"	5475 mm	18'0"
C	Overall height (to top of boom)*	3,285 mm	10'9"	3760 mm	12'4"
D	Overall width	3,440 mm	11'3"		
E	Overall height (to top of cab)*	3,165 mm	10'5"		
F	Overall height (to top of handrail)*	3,260 mm	10'8"		
G	Ground clearance, counterweight	1,185 mm	3'11"		
H	Ground clearance, minimum	498 mm	1'8"		
I	Tail swing radius	3,445 mm	11'4"		
J	Track length on ground	4,030 mm	13'3"		
K	Track length	4,955 mm	16'3"		
L	Track gauge	2,590 mm	8'6"		
M	Width of crawler	700 mm 800 mm 850 mm	28" shoe 31.5" shoe 33.5" shoe	3,290 mm 3,390 mm 3,440 mm	10'7" 11'1" 11'3"
N	Shoe width, standard	850 mm	33.5"		
O	Grouser height	36 mm	1.4"		
P	Machine height to top of engine cover	3140 mm	10'4"		
Q	Machine upper width **	3140 mm	10'4"		
R	Distance, swing center to rear end	3405 mm	11'2"		

*Including grouser height
**Including handrail





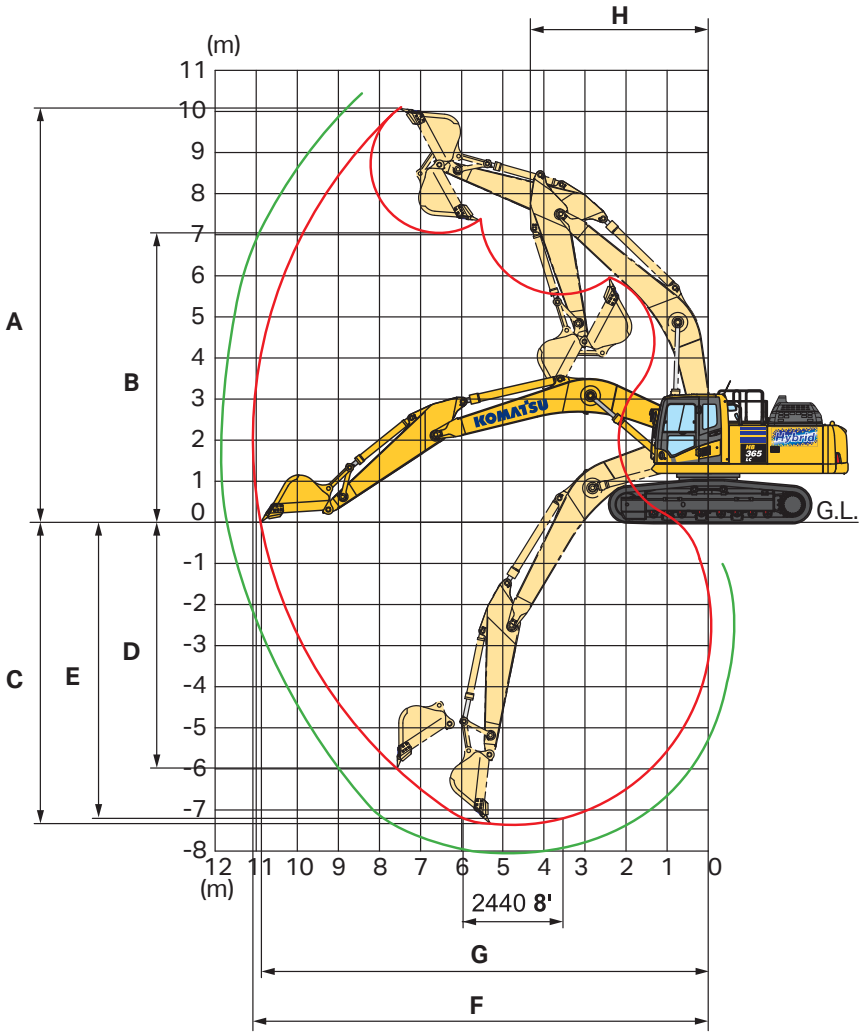


Backhoe bucket, arm and boom combination

Bucket Type	Bucket Capacity		Teeth	Width		Weight		Tip Radius		6.5 m (21'3") Boom 3.2 m (10'5")	6.5 m (21'3") Boom 4.0 m (13'2")
Komatsu TL	1.21 yd³	(0.93 m³)	4	762 mm	30"	2,418 lbs.	(1,097 kg)	1674 mm	65.9"	●	●
	1.54 yd³	(1.18 m³)	4	914 mm	36"	2,641 lbs.	(1,198 kg)	1674 mm	65.9"	●	●
	1.88 yd³	(1.44 m³)	5	1067 mm	42"	2,921 lbs.	(1,325 kg)	1674 mm	65.9"	●	●
	2.22 yd³	(1.70 m³)	5	1219 mm	48"	3,144 lbs.	(1,426 kg)	1674 mm	65.9"	●	○
	2.56 yd³	(1.96 m³)	6	1372 mm	54"	3,425 lbs.	(1,554 kg)	1674 mm	65.9"	○	□
Komatsu HP	0.89 yd³	(0.68 m³)	3	610 mm	24"	2,254 lbs.	(1,022 kg)	1674 mm	65.9"	●	●
	1.21 yd³	(0.93 m³)	4	762 mm	30"	2,598 lbs.	(1,178 kg)	1674 mm	65.9"	●	●
	1.54 yd³	(1.18 m³)	4	914 mm	36"	2,993 lbs.	(1,358 kg)	1674 mm	65.9"	●	●
	1.88 yd³	(1.44 m³)	5	1067 mm	42"	3,173 lbs.	(1,439 kg)	1674 mm	65.9"	●	●
	2.22 yd³	(1.70 m³)	5	1219 mm	48"	3,429 lbs.	(1,555 kg)	1674 mm	65.9"	●	□
	2.56 yd³	(1.96 m³)	6	1372 mm	54"	3,750 lbs.	(1,701 kg)	1674 mm	65.9"	□	⊙
Komatsu HPS	0.89 yd³	(0.68 m³)	3	610 mm	24"	2,451 lbs.	(1,112 kg)	1674 mm	65.9"	●	●
	1.21 yd³	(0.93 m³)	4	762 mm	30"	2,853 lbs.	(1,294 kg)	1674 mm	65.9"	●	●
	1.54 yd³	(1.18 m³)	4	914 mm	36"	3,167 lbs.	(1,437 kg)	1674 mm	65.9"	●	●
	1.88 yd³	(1.44 m³)	5	1067 mm	42"	3,543 lbs.	(1,607 kg)	1674 mm	65.9"	●	○
	2.22 yd³	(1.70 m³)	5	1219 mm	48"	3,857 lbs.	(1,750 kg)	1674 mm	65.9"	○	□
	2.56 yd³	(1.96 m³)	6	1372 mm	54"	4,236 lbs.	(1,921 kg)	1674 mm	65.9"	□	⊙
Komatsu HPX	0.89 yd³	(0.68 m³)	3	610 mm	24"	2,731 lbs.	(1,239 kg)	1674 mm	65.9"	●	●
	1.21 yd³	(0.93 m³)	4	762 mm	30"	3,133 lbs.	(1,421 kg)	1674 mm	65.9"	●	●
	1.54 yd³	(1.18 m³)	4	914 mm	36"	3,447 lbs.	(1,564 kg)	1674 mm	65.9"	●	●
	1.88 yd³	(1.44 m³)	5	1067 mm	42"	3,823 lbs.	(1,734 kg)	1674 mm	65.9"	●	○
	2.22 yd³	(1.70 m³)	5	1219 mm	48"	4,137 lbs.	(1,877 kg)	1674 mm	65.9"	○	□
	2.56 yd³	(1.96 m³)	6	1372 mm	54"	4,516 lbs.	(2,048 kg)	1674 mm	65.9"	□	⊙

● Used with material weights up to 3,500 lbs./yd³ – Quarry/rock/high abrasion applications
○ Used with material weights up to 3,000 lbs./yd³ – Tough digging applications
□ Used with material weights up to 2,500 lbs./yd³ – General construction
⊙ Used with material weights up to 2,000 lbs./yd³ – Light materials applications
X Not useable

Komatsu recommends the use of buckets sized to machine capacity. Buckets listed in the table above are sized appropriate to the specified material densities. Buckets exceeding recommended sizes may result in reduced performance



Working range

	Arm length	3,185 mm	10'5"	4,020 mm	13'2"
A	Max. digging height	10,210 mm	33'6"	10,550 mm	34'7"
B	Max. dumping height	7,110 mm	23'4"	7,490 mm	24'7"
C	Max. digging depth	7,380 mm	24'3"	8,180 mm	26'10"
D	Max. vertical wall digging depth	6,480 mm	21'3"	7,280 mm	23'11"
E	Max. digging depth for 8' level bottom	7,180 mm	23'7"	8,045 mm	26'5"
F	Max. digging reach	11,100 mm	36'5"	11,900 mm	39'1"
G	Max. digging reach at ground level	10,920 mm	35'10"	11,730 mm	38'6"
H	Min. swing radius	4,310 mm	14'2"	4,320 mm	14'2"
SAE rating	Bucket digging force at power max.	200 kN 44,970 lbs. (20,400 kg)		200 kN 44,970 lbs. (20,400 kg)	
SAE rating	Arm crowd force at power max.	165 kN 37,040 lbs. (16,800 kg)		139 kN 31,310 lbs. (14,200 kg)	
ISO rating	Bucket digging force at power max.	228 kN 51,150 lbs. (23,200 kg)		227 kN 50,930 lbs. (23,100 kg)	
ISO rating	Arm crowd force at power max.	171 kN 38,360 lbs. (17,400 kg)		144 kN 32,410 lbs. (14,700 kg)	

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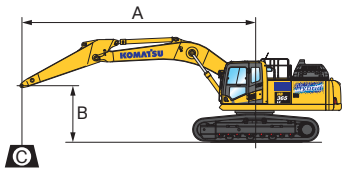


A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊛: Rating at maximum reach

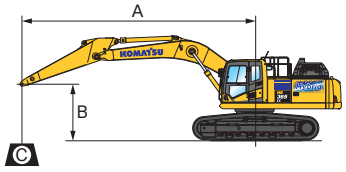
Conditions:
- 6,500 mm (21' 3") one-piece boom
- Bucket: None
- Lifting mode: On

Lifting capacity with lifting mode

Arm: 3,185 mm (10'5") | Bucket: None | Shoes: 700 mm (28") | Unit: lbs. (kg)

A / B	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊛ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m											*7,250	*7,250
25'											*15,900	*15,900
6.1 m							*8,890	7,530			*7,050	6,390
20'							*19,600	16,600			*15,500	14,000
4.6 m					*10,740	10,170	*9,370	7,370			*7,100	5,690
15'					*23,600	22,400	*20,600	16,200			*15,600	12,500
3.0 m			*16,210	14,500	*12,090	9,710	*10,030	7,140	8,160	5,520	*7,380	5,340
10'			*35,700	31,900	*26,600	21,400	*22,100	15,700	17,900	12,100	*16,200	11,700
1.5 m			*18,180	13,690	*13,220	9,290	10,410	6,910	8,050	5,410	7,740	5,210
5'			*40,000	30,100	*29,100	20,400	22,900	15,200	17,700	11,900	17,000	11,500
0 m			*18,550	13,330	*13,740	9,010	10,230	6,750	7,960	5,340	7,910	5,300
0'			*40,900	29,400	*30,200	19,800	22,500	14,800	17,500	11,700	17,400	11,700
-1.5 m	*13,710	*13,710	*17,720	13,260	*13,480	8,900	10,140	6,670			8,480	5,660
-5'	*30,200	*30,200	*39,000	29,200	*29,700	19,600	22,300	14,700			18,700	12,400
-3.0 m	*20,540	*20,540	*15,850	13,360	*12,300	8,900	*8,930	6,720			*8,870	6,430
-10'	*45,200	*45,200	*34,900	29,400	*27,100	19,600	*19,600	14,800			*19,500	14,100
-4.6 m	*15,670	*15,670	*12,560	*12,560	*9,590	9,130					*8,870	6,430
-15'	*34,500	*34,500	*27,600	*27,600	*21,100	20,100					*19,500	14,100
-6.1 m											*8,350	*8,170
-20'											*18,400	*18,000

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.



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

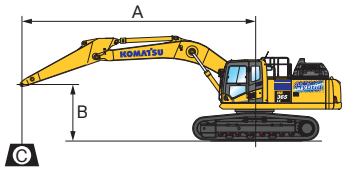
Conditions:
- 6,500 mm (21' 3") one-piece boom
- Bucket: None
- Lifting mode: On

Lifting capacity with lifting mode

Arm: 4,020 mm (13'2") | Bucket: None | Shoes: 700 mm (28") | Unit: lbs. (kg)

A / B	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊛ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m							*7,750	7,710			*5,610	*5,610
25'							*17,000	16,900			*12,300	*12,300
6.1 m							*7,950	7,620	*6,550	5,690	*5,460	*5,460
20'							*17,500	16,800	*14,400	12,500	*12,000	*12,000
4.6 m							*8,520	*7,410	*7,870	5,610	*5,470	4,940
15'							*18,700	*16,300	*17,300	12,300	*12,000	10,800
3.0 m			*14,340	*14,340	*11,020	9,790	*9,280	7,130	8,130	5,470	*5,640	4,640
10'			*31,600	*31,600	*24,300	21,500	*20,400	15,700	17,900	12,000	*12,400	10,200
1.5 m			*16,890	13,770	*12,370	9,260	*10,010	6,840	7,970	5,320	*5,950	4,540
5'			*16,890	30,300	*27,200	20,400	*22,000	15,000	17,500	11,700	*13,100	10,000
0 m	*8,320	*8,320	*18,090	13,140	*13,230	8,870	10,100	6,610	7,830	5,190	*6,840	4,600
0'	*18,300	*18,300	*39,800	28,900	*29,100	19,500	22,200	14,500	17,200	11,400	*14,200	10,600
-1.5 m	*12,420	*12,420	*17,980	12,900	*13,400	8,660	9,950	6,470	7,760	5,130	7,290	4,840
-5'	*27,300	*27,300	*39,600	28,400	*29,500	19,100	21,900	14,200	17,100	11,300	16,000	12,400
-3.0 m	*17,840	*17,840	*16,780	12,900	*12,760	8,610	9,920	6,440			*8,040	5,360
-10'	*39,300	*39,300	*37,000	28,400	*28,100	19,000	21,800	14,200			*17,700	11,800
-4.6 m	*19,190	*19,190	*14,360	13,100	*11,040	8,730	*8,190	6,570			*7,850	6,420
-15'	*42,300	*42,300	*31,600	28,900	*24,300	19,200	*18,000	14,500			*17,300	14,100
-6.1 m	*12,720	*12,720	*9,970	*9,970	*7,010	*7,010					*6,940	*6,940
-20'	*28,000	*28,000	*21,900	*21,900	*15,400	*15,400					*15,300	*15,300

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.



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

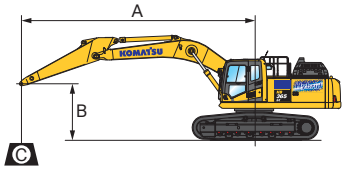
Conditions:
• 6,500 mm (21' 3") one-piece boom
• Bucket: None
• Lifting mode: On

Lifting capacity with lifting mode

Arm: 3,185 mm (10'5") | Bucket: None | Shoes: 800 mm (31.5") | Unit: lbs. (kg)

A / B	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊛ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m											*7,250	*7,250
25'											*15,900	*15,900
6.1 m							*8,890	7,600			*7,050	6,440
20 '							*19,600	16,700			*15,500	14,200
4.6 m					*10,740	10,260	*9,370	7,430			*7,100	5,750
15'					*23,600	22,600	*20,600	16,300			*15,600	12,600
3.0 m			*16,210	14,630	*12,090	9,790	*10,030	7,200	8,240	5,570	*7,380	5,390
10'			*35,700	32,200	*26,600	21,500	*22,100	15,800	18,100	12,200	*16,200	11,800
1.5 m			*18,180	13,820	*13,220	9,370	10,510	6,980	8,120	5,460	7,820	5,260
5'			*40,000	30,400	*29,100	20,600	23,100	15,300	17,900	12,000	17,200	11,600
0 m			*18,550	13,460	*13,740	9,100	10,330	6,810	8,040	5,390	7,990	5,360
0'			*40,900	29,600	*30,200	20,000	22,700	15,000	17,700	11,800	17,600	11,800
-1.5 m	*13,710	*13,710	*17,720	13,380	*13,480	8,980	10,240	6,730			8,570	5,710
-5'	*30,200	*30,200	*39,000	29,500	*29,700	19,800	22,500	14,800			18,800	12,600
-3.0 m	*20,540	*20,540	*15,850	13,490	*12,300	9,010	*9,440	6,780			*8,870	6,490
-10'	*45,200	*45,200	*34,900	29,700	*27,100	19,800	*20,800	14,900			*19,500	14,300
-4.6 m	*15,670	*15,670	*12,560	12,560	*9,590	9,210					*8,350	8,250
-15'	*34,500	*34,500	*27,600	27,600	*21,100	20,300					*18,400	18,100

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.



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

Conditions:
• 6,500 mm (21' 3") one-piece boom
• Bucket: None
• Lifting mode: On

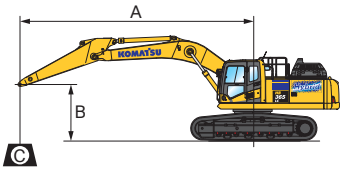
Lifting capacity with lifting mode

Arm: 4,020 mm (13'2") | Bucket: None | Shoes: 800 mm (31.5") | Unit: lbs. (kg)

A / B	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊛ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m							*7,750	7,750			*5,610	*5,610
25'							*17,000	17,000			*12,300	*12,300
6.1 m							*7,950	7,680	*6,550	5,740	*5,460	*5,460
20 '							*17,500	16,900	*14,400	12,600	*12,000	*12,000
4.6 m							*8,520	7,470	*7,870	5,660	*5,470	4,980
15'							*18,700	16,400	*17,300	12,400	*12,000	10,900
3.0 m			*14,340	*14,340	*11,020	9,870	*9,280	7,190	8,210	5,520	*5,640	4,700
10'			*31,600	*31,600	*24,300	21,700	*20,400	15,800	18,100	12,100	*12,400	10,300
1.5 m			*16,890	13,900	*12,370	9,350	*10,010	6,900	8,040	5,370	*5,950	4,590
5'			*37,200	30,600	*27,200	20,600	*22,000	15,200	17,700	11,800	*13,100	10,100
0 m	*8,320	*8,320	*18,090	13,270	*13,230	8,960	10,200	6,670	7,910	5,240	*6,480	4,640
0'	*18,300	*18,300	*39,800	29,200	*29,100	19,700	22,500	14,700	17,400	11,500	*14,200	10,200
-1.5 m	*12,420	12,420	*17,980	13,030	*13,400	8,740	10,050	6,530	7,840	5,180	*7,330	4,890
-5'	*27,300	27,300	*39,600	28,700	*29,500	19,200	22,100	14,400	17,200	11,400	*16,100	10,700
-3.0 m	*17,840	*17,840	*16,780	13,030	*12,760	*8,700	10,020	6,510			*8,040	5,410
-10'	*39,300	*39,300	*37,000	28,700	*28,100	*19,100	22,000	14,300			*17,700	11,900
-4.6 m	*19,190	*19,190	*14,360	13,230	*11,040	*8,810	8,190	6,640			*7,850	6,480
-15'	*42,300	*42,300	*31,600	29,100	*24,300	*19,400	18,000	14,600			*17,300	14,300

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.

HB365LC-3



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

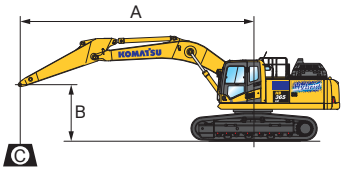
Conditions:
• 6,500 mm (21' 3") one-piece boom
• Bucket: None
• Lifting mode: On

Lifting capacity with lifting mode

Arm: 3,185 mm (10'5") | Bucket: None | Shoes: 850 mm (33.5") | Unit: lbs. (kg)

A / B	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊕ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m											*7,250	*7,250
25'											*15,900	*15,900
6.1 m							*8,890	7,630			*7,050	6,470
20 '							*19,600	16,800			*15,500	14,200
4.6 m					*10,740	10,300	*9,370	7,460			*7,100	5,770
15'					*23,600	22,700	*20,600	16,400			*15,600	12,700
3.0 m			*16,210	14,690	*12,090	9,830	*10,030	7,230	8,280	5,590	*7,380	5,410
10'			*35,700	32,300	*26,600	21,600	*22,100	15,900	18,200	12,300	*16,200	11,900
1.5 m			*18,180	13,880	*13,220	9,410	10,560	7,010	8,160	5,490	7,850	5,290
5'			*40,000	30,600	*29,100	20,700	23,200	15,400	18,000	12,100	17,300	11,600
0 m			*18,550	13,520	*13,740	9,140	10,380	6,840	8,080	5,410	8,030	5,380
0'			*40,900	29,800	*30,200	20,100	22,800	15,000	17,800	11,900	17,700	11,800
-1.5 m	*13,710	*13,710	*17,720	13,450	*13,480	9,020	10,290	6,770			8,610	5,740
-5'	*30,200	*30,200	*39,000	29,600	*29,700	19,900	22,700	14,900			18,900	12,600
-3.0 m	*20,540	*20,540	*15,850	13,550	*12,300	9,050	*9,440	6,810			*8,870	6,520
-10'	*45,200	*45,200	*34,900	29,800	*27,100	19,900	*20,800	15,000			*19,500	14,300
-4.6 m	*15,670	*15,670	*12,560	*12,560	*9,590	9,260					*8,350	8,290
-15'	*34,500	*34,500	*27,600	*27,600	*21,100	20,400					*18,400	18,200

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.



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

Conditions:
• 6,500 mm (21' 3") one-piece boom
• Bucket: None
• Lifting mode: On

Lifting capacity with lifting mode

Arm: 4,020 mm (13'2") | Bucket: None | Shoes: 850 mm (33.5") | Unit: lbs. (kg)

A / B	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊕ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m							*7,750	*7,750			*5,610	*5,610
25'							*1,7000	*17,000			*12,300	*12,300
6.1 m							*7,950	7,720	*6,550	5,770	*5,460	*5,460
20 '							*17,500	17,000	*14,400	12,700	*12,000	*12,000
4.6 m							*8,520	7,500	*7,870	5,690	*5,470	5,010
15'							*18,700	16,500	*17,300	12,500	*12,000	11,000
3.0 m			*14,340	*14,340	*11,020	9,910	*9,280	7,220	*8,220	5,550	*5,640	4,720
10'			*31,600	*31,600	*24,300	21,800	*20,400	15,900	*18,100	12,200	*12,400	10,400
1.5 m			*16,890	13,960	*12,370	9,390	*10,010	6,940	8,080	5,400	*5,950	4,610
5'			*37,200	30,700	*27,200	20,700	*22,000	15,300	17,800	11,900	*13,100	10,100
0 m	*8,320	*8,320	*18,090	13,330	*13,230	9,000	10,250	6,710	7,950	5,270	*6,480	4,660
0'	*18,300	*18,300	*39,800	29,400	*29,100	19,800	22,600	14,700	17,500	11,600	*14,200	10,200
-1.5 m	*12,420	*12,420	*17,980	13,090	*13,400	8,790	10,100	6,570	7,880	5,200	*7,330	4,910
-5'	*27,300	*27,300	*39,600	28,800	*29,500	19,300	22,200	14,400	17,300	11,400	*16,100	10,800
-3.0 m	*17,840	*17,840	*16,780	13,090	*12,760	8,740	10,020	6,540			*8,040	5,440
-10'	*39,300	*39,300	*37,000	28,800	*28,100	19,200	22,000	14,400			*17,700	11,900
-4.6 m	*19,190	*19,190	*14,360	13,290	*11,040	8,860	8,190	6,670			*7,850	6,520
-15'	*42,300	*4,2300	*31,600	29,300	*24,300	19,500	18,000	14,700			*17,300	14,300

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.

Standard equipment

- Electrical system
  - Alternator, 24 V/90 A
  - Batteries, large capacity (2 x 12V)
  - Battery master disconnect switch
  - Electric horn
  - Lock out/Tag out provision
  - Power ports (2) 24V to 12V
  - Starting motor, 24 V/11 kW
  - LED working lights, 2 (Boom and RH front)
- Engine
  - Auto idle
  - Auto idle shut down programmable
  - Automatic engine warm-up system
  - B20 Bio Diesel compatible fuel lines
  - Dry type air cleaner, double element
  - Engine, Komatsu SAA6D114E-6
  - Engine coolant to -25°C -13°F
  - Engine overheat prevention system
  - Fuel pre-filter (10 micron, with water separator)
  - Fuel priming pump
  - Viscous fan clutch, temperature controlled
- Guards and covers
  - Carbody swivel guard
  - Pump/engine compartment partition
  - Revolving frame deck guards
  - Revolving frame under covers
  - Slip resistant plates
  - Thermal and fan guards
  - Track roller guards (center section)
- Hybrid system
  - Ultra capacitor with inverter
  - Electric swing motor/generator
  - Engine mounted motor/generator
  - Hybrid component cooling system
- Hydraulic system
  - Arm holding valve
  - Boom holding valve
  - ISO/Backhoe control pattern change valve
  - Power maximizing system
  - PPC hydraulic control system
  - Service valve, one additional function
  - Two-mode setting for boom
  - Working mode selection system
- Operator environment
  - Auxiliary input (3.5 mm jack)
  - Automatic climate control/air conditioner/heater/defroster
  - High back air suspension seat with heat
  - Large high resolution 7" LCD monitor
  - Lock lever, work equipment
  - Mirrors (RH and LH)
  - Operator protective top guard (OPG), level 1
  - Rear view monitor system - one camera
  - ROPS cab (ISO 12117-2)
  - Seat belt indicator
  - Seat belt, retractable, 76 mm (3")
  - Secondary engine shut down switch
  - Skylight, opening
- Undercarriage
  - 3 speed travel with auto shift
  - Carrier roller (2 each side)
  - Hydraulic track adjusters (each side)
  - Track roller, 8 each side
  - Track shoe, triple grouser, 850 mm (33.5")
- Other equipment
  - Bluetooth, AM/FM radio
  - Counterweight,13,933 lbs. (6,320 kg)
  - Equipment Management Monitoring System (EMMS)
  - Komtrax® level 5.0
  - Operator identification system
  - Radiator and oil cooler removable debris screen
  - Rear reflector
  - Travel alarm

Optional equipment

- Arms
  - 3185 mm (10'5") arm assembly
  - 3185 mm (10'5") arm assembly with piping
  - 4020 mm (13'2") arm assembly
  - 4020 mm (13'2") arm assembly with piping
- Booms
  - 6500 mm (21'3") HD boom assembly
  - 6500 mm (21'3") HD boom assembly with piping
- Cab guards
  - Lower front window guard
  - Full front guard, OPG Level 1
  - Full front guard, OPG Level 2
  - Bolt-on top guard, OPG Level 2
  - KomVision surround camera system
  - Hydraulic control unit, 1 actuator
  - Proportional control handles for auxiliary hydraulics
  - Rain visor
  - Revolving frame undercovers, heavy duty
  - Sun visor
  - Track roller guards, full length
  - Track shoes, triple grouser, 700 mm (28")
  - Track shoes, single grouser, 800 mm (31.5")
  - Working lights, front, two additional cab mounted

Attachment options

- Grade control systems
- Hydraulic couplers
- Hydraulic kits, field installed
- Load hold, anti-burst valves
- PSM thumbs
- Rockland thumbs
- Vandalism protection guards with storage box

For a complete list of available attachments, please contact your local Komatsu distributor.

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