KOMATSU

PC365LC-11

multifunction plus excavator

Photo may include optional equipment

Net horesepower
269 HP (201 kW) @ 1,950 rpm
Up to additional 70 HP on-demand boost through electric motor*

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)

High production and low fuel consumption

Updated cab with premium heated air-suspension operator seat, ergonomic proportional joysticks, and KomVision as standard

The dedicated electric swing motor improves swing speed providing up to a 15% increase in productivity*

An ultra-low engine idle speed of 700 RPM helps reduce fuel consumption by up to 20%*

Up to a 30% increase in fuel efficiency in high swing angle applications*

Kinetic energy from the engine flywheel and swing brake motion is captured, converted to electrical energy, and efficiently stored within the Komatsu designed ultra-capacitor for later utilization.

The stored energy can be routed to the dedicated electric swing motor, or to the engine mounted motor-generator to provide an additional 70 HP boost to the work equipment.

Electric swing allows for full hydraulic flow to be available for the boom, arm, and bucket, increasing power and speed.

Photo may include optional equipment

*compared to PC360LC/LCi-11

Engineered for excellence in multifunction applications, the PC365LC-11 leverages the innovative electric swing system with boom UP power assist - delivering up to a 15% increase in productivity and up to a 20% reduction in fuel consumption compared to conventional Komatsu excavators in the same size class.

Powerful Komatsu SAA6D114E-6 engine provides a net output of 269 HP plus 70 additional electric horsepower. This engine is EPA Tier 4 Final emissions certified.

Electric swing motor-generator powered by a Komatsu ultra-capacitor provides high swing power and speed to reduce cycle times and increase productivity by up to 15%*. Hydraulic flow is routed optimally to the boom, arm, and bucket cylinders providing a smooth and responsive operation.

Engine mounted motor-generator charges the Komatsu ultra-capacitor when required and functions as an electric motor providing an additional 70 electric HP to assist in engine response from the ultra-low idle state.

Ultra-low idle speed of 700 RPM and electric powertrain work together to help reduce fuel consumption by up to 20%*.

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

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

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

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

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

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

**compared to PC360LC/LCi-11*

Enhanced working environment

- Ergonomic proportional joysticks
- Updated premium heated air-suspension operator seat
- 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 control pattern change valve to switch between ISO and BH control patterns
- Auxiliary jack and (2) 12 V power outlets

Large LCD color monitor

- 7-inch high resolution display
- Tool Control system display to efficiently manage attachments (optional)
- Provides “Ecology Guidance” to help fuel efficient operation

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

Standard KomVision monitoring system displays a bird’s-eye view of the machine and its surroundings on the large LCD monitor.

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

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

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

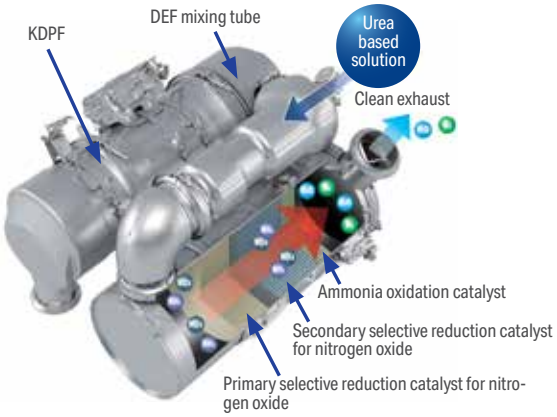
Operator identification system can track key machine operation and application information for up to 100 individual ID codes and provide information through Komtrax.

Performance features

Technologies applied to new engine

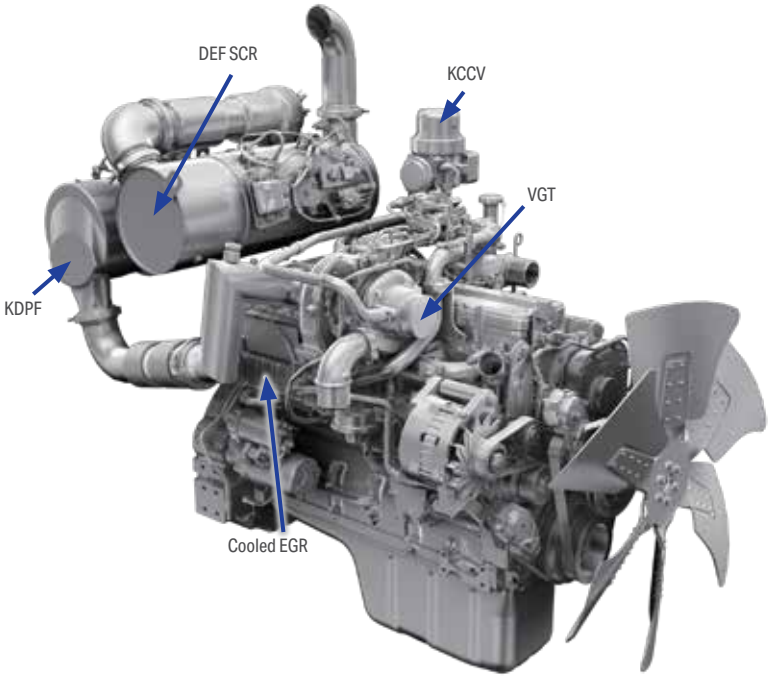
Heavy-duty aftertreatment system

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 (H_2O) and nitrogen gas (N_2).

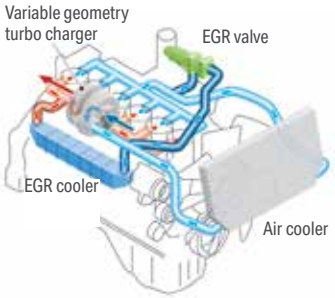


Advanced electronic control system

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.



Engine features



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.

Selectable working modes

Ecology guidance

Ecology gauge and fuel consumption gauge

Idling caution

Increased work efficiency

Maximum arm crowd force (ISO 6015)

38,360 lbs. (171 kN) with power max 7% up*

Maximum bucket digging force (ISO 6015)

51,150 lbs. (228 kN) with power max 7% up*

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

*Compared to standard operation

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

Photo may include optional equipment

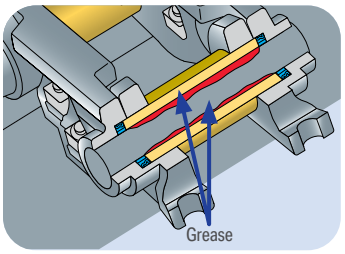
Drawbar pull

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

Photo may include optional equipment

Grease sealed track

The PC365LC-11 uses grease sealed tracks to help extend undercarriage life.



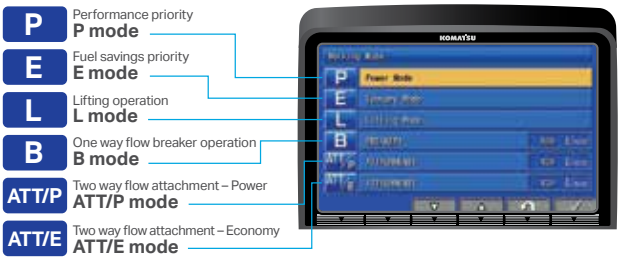
Large displacement high efficiency pump

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

Working model selection

The PC365LC-11 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E). "Power" mode (P) 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 PC365LC-11 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, boom tip and arm tip. In result, the work equipment exhibits long term durability and high resistance to bending and torsional stress. A standard HD boom design provides excellent strength and reliability.

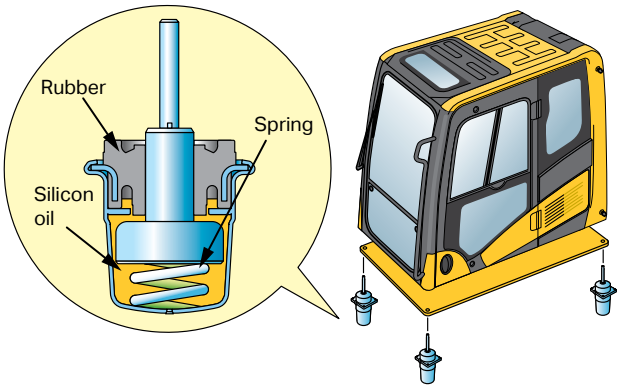
General features

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).

Low vibration with viscous cab mounts

The PC365LC-11 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

- Komvision
- 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

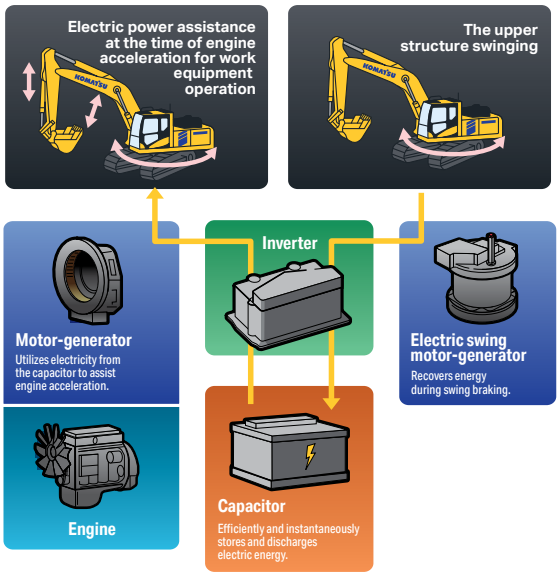
Secondary engine shutdown switch at base of seat to shutdown the engine.

Seat belt caution indicator

Electric powertrain technology

Reliable and durable electric components designed by Komatsu*
The innovative Komatsu electric powertrain uses an electric swing motor-generator to capture kinetic swing energy as the upper structure slows down and converts it to electrical energy where it is stored in the ultra-capacitor. Additionally, the engine mounted motor-generator captures kinetic energy from the engine flywheel and converts it to electrical energy where it is also stored in the ultra-capacitor. The stored electrical energy can be used to power the electric swing motor or provide an additional 70 HP to assist in engine acceleration. This system was engineered to optimize performance in multifunction applications.

*Except capacitor cells



Engine mounted 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 to reduce cycle times. Dedicated lubrication and cooling systems are used to promote reliability and durability. Additionally, hydraulic flow is now optimally routed to the boom, bucket, and arm cylinders providing a smooth and powerful operation.

Ultra-capacitor assembly

The ultra-capacitor assembly includes an inverter that converts the AC electricity from the motor-generators 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 help reduce the need for periodic maintenance.

Easy-to-understand energy monitor screen

The electric powertrain operating status can be easily displayed on the monitor to show how energy is flowing through each system component.

System temperature gauge

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

Electric powertrain temperature gauge

Key performance enhancements

The PC365LC-11 leverages the innovative electric swing system with boom UP power assist to optimize performance in multifunction applications.

Productivity*

Increased by up to **15%**

Fuel consumption*

Reduced by up to **20%**

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. This aids in reducing fuel consumption and noise levels.

External noise level*

Reduced by **4 dbA**

Based on ISO 6395 dynamic test

*compared to PC360LC/LCi-11

Working environment

Comfortable working space

Wide spacious cab

Wide spacious cab includes a new premium heated air-suspension operator seat with reclining backrest and ergonomic proportional joysticks. 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.

LED lights

Premium lighting system helps promote zero harm and allows operators to work day or night.

Standard equipment

Premium heated air-suspension operator seat

Ergonomic proportional joysticks

KomVision monitoring system

Bluetooth, AM/FM stereo

Remote intermittent wiper with windshield washer

Easy-to-access AC controls

Opening/closing skylight

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

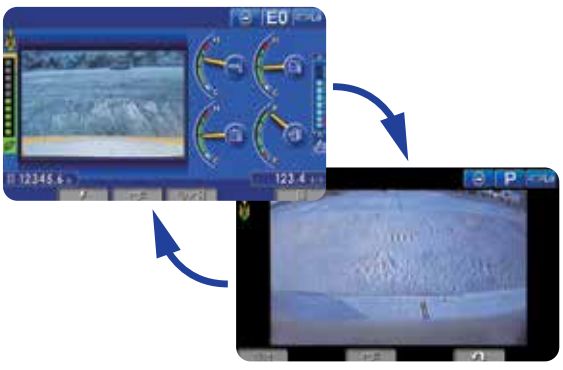
Visual user menu

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.



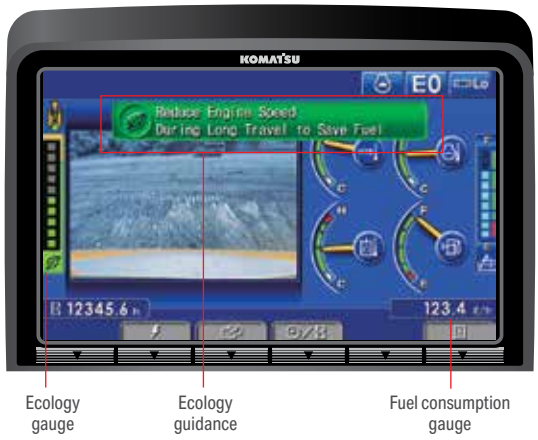
Support efficiency improvement

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.

KomVision

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.

Tool Control system (optional)

The Tool Control system is a hydraulic management system that allows operators to configure and store flow rates/target pressures for multiple attachments displayed on the in-cab monitor interface. This improves efficiency and precision by enabling quick switching between attachments with accurate preconfigured hydraulic settings tailored to each attachment ensuring optimal performance.


Operation record


Tool control


Ecology guidance record

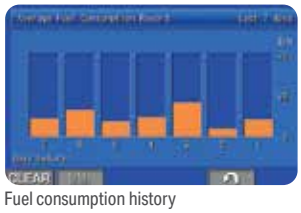

Fuel consumption history

Photo may include optional equipment

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

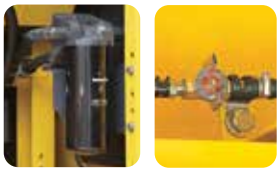
Large high-efficiency fuel filter and pre-filter with water separator helps remove contaminants from fuel to promote long fuel injection system life. Built-in priming pump simplifies maintenance.

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

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.

Maintenance screen

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

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

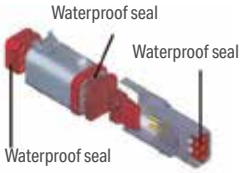
The DEF level gauge is displayed continuously on the right side of the monitor screen. In addition, when DEF level is low, DEF low level guidance messages appear in pop up displays to inform the operator in real time.

DEF level gauge

DEF low level guidance

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.

Common maintenance intervals*	
Engine oil and engine oil filter	every **500** hours
Hydraulic oil	every **5,000** hours
Hydraulic oil filter	every **1,000** hours

Photo may include optional equipment

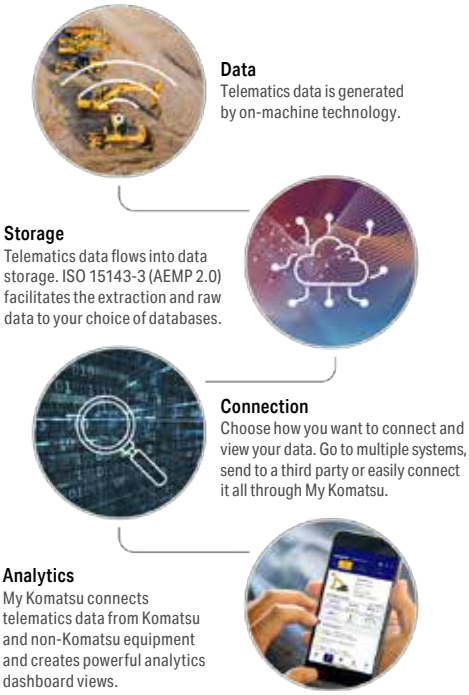
Komatsu helps you bring it all together

Get the most out of your fleet with 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, 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.



mykomatsu.komatsu

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

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

Get the service and repairs you need your way. Komatsu offers a tiered maintenance and repair program that simplifies the upkeep of your machine to help control operating costs and get the most from your equipment. 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

Financing can be a major advantage for your operation, enabling you to get the equipment and service you need with terms to fit your business needs. Komatsu Financial offers 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

Specifications

Engine

Model	Komatsu SAA6D114E-6*
Type	Water-cooled, 4-cycle, direct injection
Aspiration	Turbocharged, aftercooled, cooled EGR
Number of cylinders	6
Bore	4.49" (114 mm)
Stroke	5.69" (144.5 mm)
Piston displacement	540 in³ (8.85 L)
Horsepower	
SAE J1995 ISO 9249/SAE J1349	Gross: 271 HP (202 kW) Net: 269 HP (201 kW)
Rated rpm	1,950 rpm
Fan drive method for radiator cooling	Mechanical with viscous fan clutch
Governor	All-speed control, electronic

*U.S. EPA Tier 4 final emission 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 Pumps for Maximum flow Supply for control circuit	Variable displacement piston type Boom, arm, bucket, and travel circuits 141.3 gal/min (535 L/min) 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 Travel circuit Pilot circuit	5,540 psi (38.2 MPa, 390 kg/cm²) 5,540 psi (38.2 MPa, 390 kg/cm²) 470 psi (3.2 MPa, 33 kg/cm²)
Hydraulic cylinders: (Number of cylinders – bore x stroke x rod diameter)	
Boom	2–5.5" x 58.3" x 3.9" (40 mm x 1,480 mm x 100 mm)
Arm	1–6.3" x 71.9" x 4.3" (160 mm x 1,825 mm x 110 mm)
Bucket	for 10' 5" (3,200 mm) and 13' 2" (4,000 mm) arms 1– 5.5" x 50.6" x 3.9" (140 mm x 1,285 mm x 100 mm)

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: (Auto-shift) (Auto-shift)	High 3.4 mph (5.5 km/h) Mid 2.8 mph (4.5 km/h) Low 2.0 mph (3.2 km/h)
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	85,785 ft lbs. (11,860 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	159.8 gal (605 L)
Coolant (engine)	11.1 gal (42.0 L)
Ultra capacitor cooling system	3 gal (11.7 L)
Engine	10.2 gal (38.5 L)
Final drive, each side	2.4 gal (9.0 L)
Swing drive	4.12 gal (15.6 L)
Swing motor - generator	0.95 gal (3.6 L)
Motor-generator	2.24 gal (8.5 L)
Hydraulic tank	49.7 gal (188 L)
DEF tank	10.3 gal (39.2 L)

Sound performance

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

Operating weight (approximate)

Operating weight including 21' 3" (6,500 mm) one-piece HD boom, 10' 5" (3,185 mm) arm, 33.5" (850 mm) track shoes, SAE heaped 2.56 yd³ (1.96 m³) bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Triple-grouser	Operating weight	Ground pressure (ISO 16754)
28" (700 mm)	83,012 lbs. (37,654 kg)	8.79 psi (0.62 kg/cm²)
31.5" (800 mm)	83,894 lbs. (38,054 kg)	7.77 psi (0.55 kg/cm²)
33.5" (850 mm)	84,335 lbs. (38,254 kg)	7.35 psi (0.52 kg/cm²)

Component	Weight
10' 5" (3,185 mm) arm assembly	3,882 lbs. (1,761 kg)
13' 2" (4,020 mm) arm assembly	4,383 lbs. (1,988 kg)
One piece HD boom including arm cylinder	
21' 3" (6,500 mm) 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 yd³ (1.96 m³) TL bucket - 54" width	3,425 lbs. (1,554 kg)
Plus one piped boom and arm	Add 220 lbs. (100 kg)

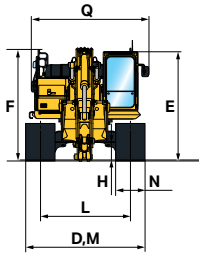
Arm including bucket cylinder and linkage

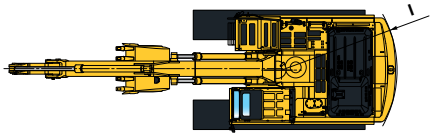
Dimensions

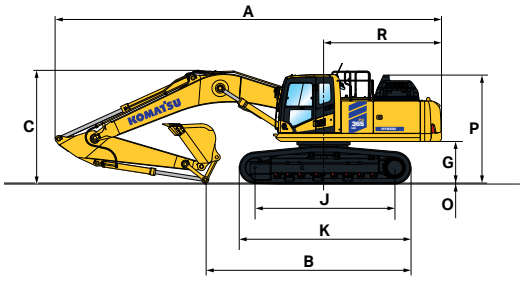
Machine dimensions

	Arm length	10′ 5″ (3,185 mm)	13′ 2″ (4,020 mm)
A	Overall length	36′ 7″ (11,145 mm)	36′ 8″ (11,170 mm)
B	Length on ground (transport)	19′ 6″ (5,935 mm)	18′ 0″ (5,475 mm)
C	Overall height (to top of boom)*	10′ 9″ (3,285 mm)	12′ 4″ (3,760 mm)
D	Overall width	11′ 3″ (3,440 mm)	
E	Overall height (to top of cab)*	10′ 5″ (3,165 mm)	
F	Overall height (to top of handrail)*	10′ 8″ (3,260 mm)	
G	Ground clearance, counterweight	3′ 11″ (1,185 mm)	
H	Ground clearance, minimum	1′ 8″ (498 mm)	
I	Tail swing radius	11′ 4″ (3,445 mm)	
J	Track length on ground	13′ 3″ (4,030 mm)	
K	Track length	16′ 3″ (4,955 mm)	
L	Track gauge	8′ 6″ (2,590 mm)	
M	Width of crawler	28″ shoe (700 mm) 31.5″ shoe (800 mm) 33.5″ shoe (850 mm)	10′ 7″ (3,290 mm) 11′1″ (3,390 mm) 11′ 3″ (3,440 mm)
N	Shoe width, standard	33.5″ (850 mm)	
O	Grouser height	1.4″ (36 mm)	
P	Machine height to top of engine cover	10′ 4″ (3,140 mm)	
Q	Machine upper width **	10′ 4″ (3,140 mm)	
R	Distance, swing center to rear end	11′ 2″ (3,405 mm)	

*Including grouser height **Including handrail







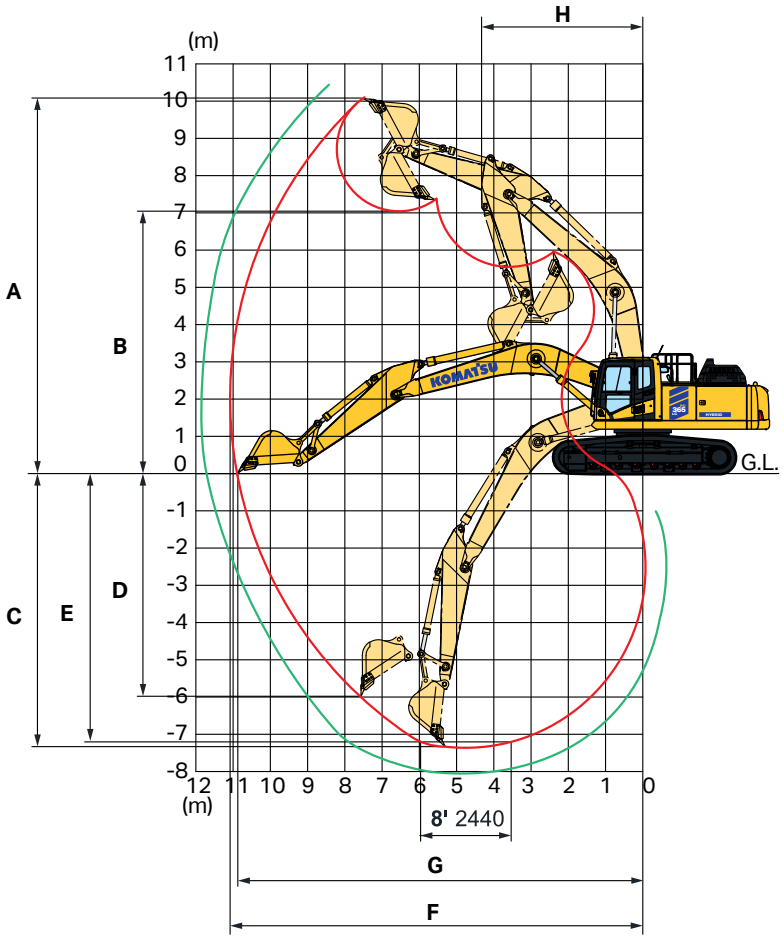
Backhoe bucket, arm and boom combination

Bucket type	Bucket									21'3" (6.5 m) boom	
	Capacity		Teeth	Width		Weight		Tip radius		10' 5" (3.2 m)	13' 2" (4.0 m)
Komatsu TL	1.21 yd³	0.93 m³	4	30"	762 mm	2,418 lbs.	1,097 kg	65.9"	1,674 mm	●	●
	1.54 yd³	1.18 m³	4	36"	914 mm	2,641 lbs.	1,198 kg	65.9"	1,674 mm	●	●
	1.88 yd³	1.44 m³	5	42"	1,067 mm	2,921 lbs.	1,325 kg	65.9"	1,674 mm	●	●
	2.22 yd³	1.70 m³	5	48"	1,219 mm	3,144 lbs.	1,426 kg	65.9"	1,674 mm	●	○
	2.56 yd³	1.96 m³	6	54"	1,372 mm	3,425 lbs.	1,554 kg	65.9"	1,674 mm	○	□
Komatsu HP	0.89 yd³	0.68 m³	3	24"	610 mm	2,254 lbs.	1,022 kg	65.9"	1,674 mm	●	●
	1.21 yd³	0.93 m³	4	30"	762 mm	2,598 lbs.	1,178 kg	65.9"	1,674 mm	●	●
	1.54 yd³	1.18 m³	4	36"	914 mm	2,993 lbs.	1,358 kg	65.9"	1,674 mm	●	●
	1.88 yd³	1.44 m³	5	42"	1,067 mm	3,173 lbs.	1,439 kg	65.9"	1,674 mm	●	●
	2.22 yd³	1.70 m³	5	48"	1,219 mm	3,429 lbs.	1,555 kg	65.9"	1,674 mm	●	□
	2.56 yd³	1.96 m³	6	54"	1,372 mm	3,750 lbs.	1,701 kg	65.9"	1,674 mm	□	⊙
Komatsu HPS	0.89 yd³	0.68 m³	3	24"	610 mm	2,451 lbs.	1,112 kg	65.9"	1,674 mm	●	●
	1.21 yd³	0.93 m³	4	30"	762 mm	2,853 lbs.	1,294 kg	65.9"	1,674 mm	●	●
	1.54 yd³	1.18 m³	4	36"	914 mm	3,167 lbs.	1,437 kg	65.9"	1,674 mm	●	●
	1.88 yd³	1.44 m³	5	42"	1,067 mm	3,543 lbs.	1,607 kg	65.9"	1,674 mm	●	○
	2.22 yd³	1.70 m³	5	48"	1,219 mm	3,857 lbs.	1,750 kg	65.9"	1,674 mm	○	□
	2.56 yd³	1.96 m³	6	54"	1,372 mm	4,236 lbs.	1,921 kg	65.9"	1,674 mm	□	⊙
Komatsu HPX	0.89 yd³	0.68 m³	3	24"	610 mm	2,731 lbs.	1,239 kg	65.9"	1,674 mm	●	●
	1.21 yd³	0.93 m³	4	30"	762 mm	3,133 lbs.	1,421 kg	65.9"	1,674 mm	●	●
	1.54 yd³	1.18 m³	4	36"	914 mm	3,447 lbs.	1,564 kg	65.9"	1,674 mm	●	●
	1.88 yd³	1.44 m³	5	42"	1,067 mm	3,823 lbs.	1,734 kg	65.9"	1,674 mm	●	○
	2.22 yd³	1.70 m³	5	48"	1,219 mm	4,137 lbs.	1,877 kg	65.9"	1,674 mm	○	□
	2.56 yd³	1.96 m³	6	54"	1,372 mm	4,516 lbs.	2,048 kg	65.9"	1,674 mm	□	⊙

● 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

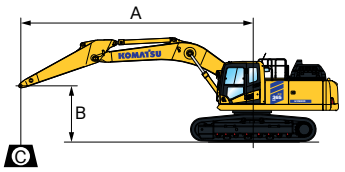
Working range



Specifications

	Arm length	10' 5" (3,185 mm)	13' 2" (4,020 mm)
A	Max. digging height	33' 6" (10,210 mm)	34' 7" (10,550 mm)
B	Max. dumping height	23' 4" (7,110 mm)	24' 7" (7,490 mm)
C	Max. digging depth	24' 3" (7,380 mm)	26' 10" (8,180 mm)
D	Max. vertical wall digging depth	21' 3" (6,480 mm)	23' 11" (7,280 mm)
E	Max. digging depth for 8' level bottom	23' 7" (7,180 mm)	26' 5" (8,045 mm)
F	Max. digging reach	36' 5" (11,100 mm)	39' 1" (11,900 mm)
G	Max. digging reach at ground level	35' 10" (10,920 mm)	38' 6" (11,730 mm)
H	Min. swing radius	14' 2" (4,310 mm)	14' 2" (4,320 mm)
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)

Lifting capacities



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

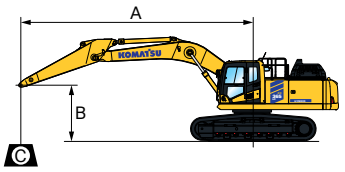
Conditions:
- 21' 3" (6,500 mm) one-piece boom
- Bucket: None
- Lifting mode: On

Lifting capacity with lifting mode

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

A / B	10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)		30' (9.1 m)		⧗ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m **25'**											*7,250 ***15,900**	*7,250 ***15,900**
6.1 m **20'**							*8,890 ***19,600**	7,530 **16,600**			*7,050 ***15,500**	6,390 **14,000**
4.6 m **15'**					*10,740 ***23,600**	10,170 **22,400**	*9,370 ***20,600**	7,370 **16,200**			*7,100 ***15,600**	5,690 **12,500**
3.0 m **10'**			*16,210 ***35,700**	14,500 **31,900**	*12,090 ***26,600**	9,710 **21,400**	*10,030 ***22,100**	7,140 **15,700**	8,160 **17,900**	5,520 **12,100**	*7,380 ***16,200**	5,340 **11,700**
1.5 m **5'**			*18,180 ***40,000**	13,690 **30,100**	*13,220 ***29,100**	9,290 **20,400**	10,410 **22,900**	6,910 **15,200**	8,050 **17,700**	5,410 **11,900**	7,740 **17,000**	5,210 **11,500**
0 m **0'**			*18,550 ***40,900**	13,330 **29,400**	*13,740 ***30,200**	9,010 **19,800**	10,230 **22,500**	6,750 **14,800**	7,960 **17,500**	5,340 **11,700**	7,910 **17,400**	5,300 **11,700**
-1.5 m **-5'**	*13,710 ***30,200**	*13,710 ***30,200**	*17,720 ***39,000**	13,260 **29,200**	*13,480 ***29,700**	8,900 **19,600**	10,140 **22,300**	6,670 **14,700**			8,480 **18,700**	5,660 **12,400**
-3.0 m **-10'**	*20,540 ***45,200**	*20,540 ***45,200**	*15,850 ***34,900**	13,360 **29,400**	*12,300 ***27,100**	8,900 **19,600**	*8,930 ***19,600**	6,720 **14,800**			*8,870 ***19,500**	6,430 **14,100**
-4.6 m **-15'**	*15,670 ***34,500**	*15,670 ***34,500**	*12,560 ***27,600**	*12,560 ***27,600**	*9,590 ***21,100**	9,130 **20,100**					*8,870 ***19,500**	6,430 **14,100**
-6.1 m **-20'**											*8,350 ***18,400**	*8,170 ***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:
- 21' 3" (6,500 mm) one-piece boom
- Bucket: None
- Lifting mode: On

Lifting capacity with lifting mode

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

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

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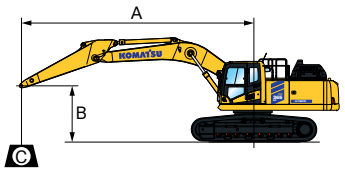


A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⧗: Rating at maximum reach

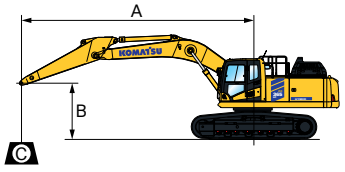
Conditions:
- 21' 3" (6,500 mm) one-piece boom
- Bucket: None
- Lifting mode: On

Lifting capacity with lifting mode

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

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

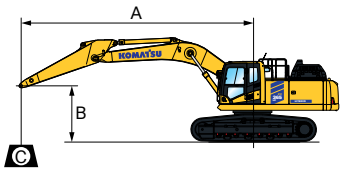
Conditions:
- 21' 3" (6,500 mm) one-piece boom
- Bucket: None
- Lifting mode: On

Lifting capacity with lifting mode

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

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



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

Lifting capacity with lifting mode

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

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

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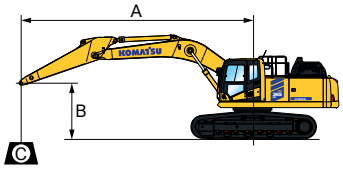

A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⛒: Rating at maximum reach

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

Lifting capacity with lifting mode

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

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

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Equipment

Engine and related components

Komatsu auto idle	●
Auto idle shutdown	●
Automatic engine warm-up system	●
B20 Bio Diesel compatible fuel lines	●
Dry type air cleaner, double element	●
Engine, Komatsu SAA6D114E-6	●
Engine coolant to -13° F (-25 ° C)	●
Engine overheat prevention system	●
Fuel pre-filter (10 micron, with water separator)	●
Fuel priming pump	●
Viscous fan clutch, temperature controlled	●

Hydraulic system

Arm holding value	●
Heavy-duty boom	●
Variable geometry turbocharger	●
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	●

Electrical system

Alternator (24 V/90 A)	●
Batteries, large capacity (2 x 12 V)	●
Battery master disconnect switch	●
Electric horn	●
Lock out/tag out provision	●
Power ports (2) 24 V to 12 V	●
Starting motor, 24 V/11 kW	●
LED working lights, 2 (boom and RH front)	●

Hybrid system

Ultra capacitor with inverter	●
Electric swing motor/generator	●
Engine mounted motor/generator	●
Hybrid component cooling system	●

Undercarriage

Three speed travel with auto shift	●
Carrier roller (two each side)	●
Hydraulic track adjusters (each side)	●
Track roller (eight each side)	●
Track shoe, triple grouser, 33.5" (850 mm)	●

Work environment

Arms, 10' 5" (3,185 mm) arm assembly 10' 5" (3,185 mm) arm assembly with piping 13' 2" (4,020 mm) arm assembly 13' 2" (4,020 mm) arm assembly with piping	○
Booms, 21' 3" (6,500 mm) HD boom assembly 21' 3" (6,500 mm) HD boom assembly with piping	○

Guards and covers

Bolt-on top guard, OPG Level 2	○
Carbody swivel guard	●
Full front guard, OPG Level 1	○
Full front guard, OPG Level 2	○
Hydraulic control unit, 1 actuator	○
Lower front window guard	○
Proportional control handles for auxiliary hydraulics	○
Pump/engine compartment partition	●
Rain visor	○
Revolving frame deck guards	●
Revolving frame undercovers	●
Revolving frame undercovers, heavy duty	○
Slip resistant plates	●
Sun visor	○
Thermal and fan guards	●
Track roller guards (center section)	●
Track roller guards, full length	○
Track shoes, triple grouser, 28" (700 mm)	○
Track shoes, single grouser, 31.5" (800 mm)	○
Working lights, front, two additional cab mounted	○

Operator environment

Auxiliary input (3.5 mm jack)	●
Automatic climate control/air conditioner/heater/defroster	●
KomVision camera system	●
Large high resolution, 7" LCD monitor	●
Lock lever, work equipment	●
Mirrors (RH and LH)	●
Operator protective top guard (OPG), level 1	●
Premium heated air-suspension operator seat	●
Proportional joysticks	●
Rear view monitor system - one camera	●
ROPS cab (ISO 12117-2)	●
Seat belt indicator	●
Seat belt, retractable, 3" (76 mm)	●
Secondary engine shut down switch	●
Skylight, opening	●

Other

Additional factory installed hydraulic coupler piping	○
Battery disconnect switch	●
Bluetooth, AM/FM radio	●
Counterweight, 13,933 lbs. (6,320 kg)	●
Equipment Management Monitoring System (EMMS)	●
Handrails	●
Komtrax level 5.0	●
Operator identification system	●
Radiator and oil cooler removable debris screen	●
Rear reflector	●
Tool control system	○
Travel alarm	●
3D Machine Guidance kit	○

Standard equipment	●
Optional equipment	○

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