

# KOBELCO

SK550DLC-11E

Performance  Design

Ultra High Reach Demolition Machine

## SK550D<sub>LC</sub>



**Japan's No.1**

Demolition Equipment Supplier



Complies with the EU Stage V  
exhaust emission regulation

*Built for Perfectionists*



# Performance Design

**PERFORMANCE** — Constant pursuit of efficiency and productivity with more power, more speed.

**DESIGN** — Operator-centric with an uncompromising stance on good ease-of-use and comfort.

We've melded these principles to create the new 50ton class building demolition machine SK550DLC, the embodiment of all-new values.

Not just improved performance and design, this new dedicated machine sports new functionality and mechanism.

Once you experience this one-of-a-kind you will never forget, and that KOBELCO continues to push the bar higher.

## SK550D<sub>LC</sub>



## High-torque engine, compliant with the latest regulations

The new SK550DLC is equipped with a Stage V compliant engine, which has a higher torque value. Superior balance between engine output and torque contributes to more efficient performance than the previous models. In addition, the DPF maintenance interval has been extended.

Model: CUMMINS X12

### Engine output

**280 kW / 1,800 min<sup>-1</sup> (ISO 14396)**

### Hydraulic drive cooling fan

Hydraulic drive optimises the cooling fan rotation speed to improve fuel economy and reduce noise. Also, the independent oil cooler fan better matches cooling to the hydraulic oil temperature, for optimal oil temperature control.



### Reversible fan

With the flip of a switch from the drivers seat, the standard feature reversing fan pulls air in the opposite direction, blowing debris away to prevent clogging. This also renders burdensome and time consuming daily cleaning unnecessary.





## UNFORGETTABLE COMFORT

### Air suspension seat

An air suspension seat is equipped as standard, with excellent shock absorption to prevent fatigue even when sitting for a long time. It includes a wide four-inch arm rest that allows you to take a comfortable position and a seat heater for comfortable operation even in winter season.



In addition to the standard headrest, a large neck rest compatible with hard hats is also included.



### New console tilt makes getting in and out easy

The design of the left console with safety lever takes getting in and out into consideration with a large-angle recoil.



### Automatic lighting LED door light

A bright LED door light turns on in conjunction with opening the door and turning off the key.



### Exquisitely designed LED backlighting

Switches and dials are equipped with LED backlighting.

In addition to increasing recognizability at night, the lighting gives the interior a classy aura.

### Simple operation with the jog dial

Several operations combined in the jog dial.

Watch the screen associated with the dial, and then turn, select, push, and go. Simple!



### Know everything at a glance: Large 10-inch colour monitor

Incorporates the industry's biggest large-format monitor. The information you need is easy to see and operating the menus is simple.

The large camera image means you can quickly confirm safety conditions.

### Cab Features That Enhance Every Working Hour



Smartphone holder



USB port /12V power outlet



DAB+ radio (FM/AM & AUX & USB & Bluetooth\* & hands-free telephone)



## Specification selection

Select attachments to perform demolition from high heights to lower stories, and even basement levels with just one machine.

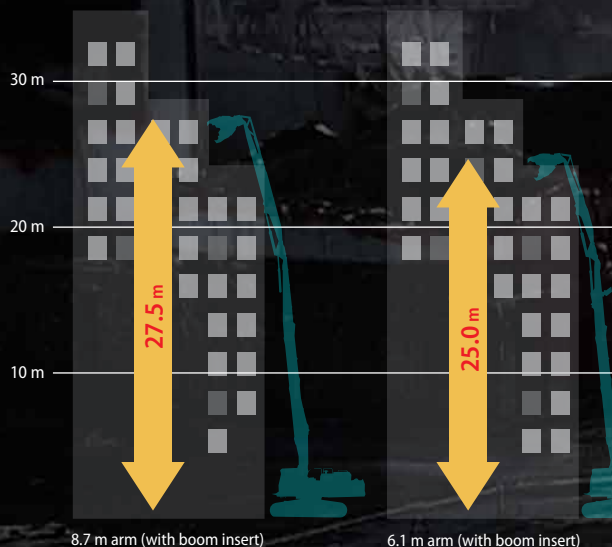
### Ultra long attachment specification

#### Excels at demolishing aging five to eight story buildings

Uses a 3-piece ultra long attachment with cross-cylinder construction. By combining two types of arms and an optional boom insert, you can choose from a total of four attachment configurations to reach the heights you need. Ideal for demolition sites that require a height of 20 m to 25 m or more.

#### Maximum working height (arm top pin)

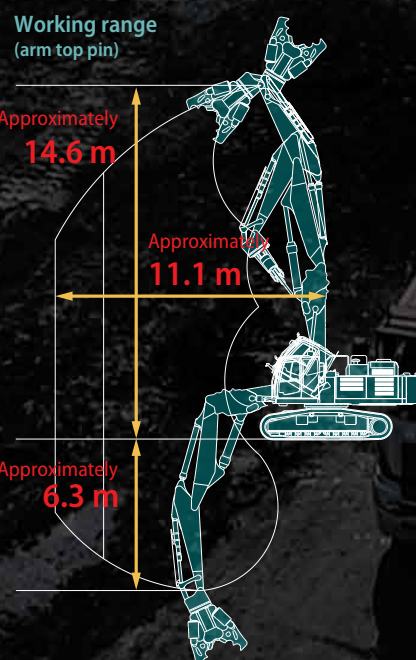
8.7 m arm, with boom insert :	Approximately <b>27.5 m</b>
6.1 m arm, with boom insert :	Approximately <b>25.0 m</b>
8.7 m arm, no boom insert :	Approximately <b>24.0 m</b>
6.1 m arm, no boom insert :	Approximately <b>21.5 m</b>



### Separate boom specification

#### From low stories to basement level, hassle-free foundation demolition

With a wide working range, capable of demolishing lower stories and ground-level foundations. The wide opening width and strong crushing force of the large nibbler provides powerful and efficient demolition capabilities. The powerful attachment support provided by the large-diameter jib cylinder allows for efficient work at tall heights.



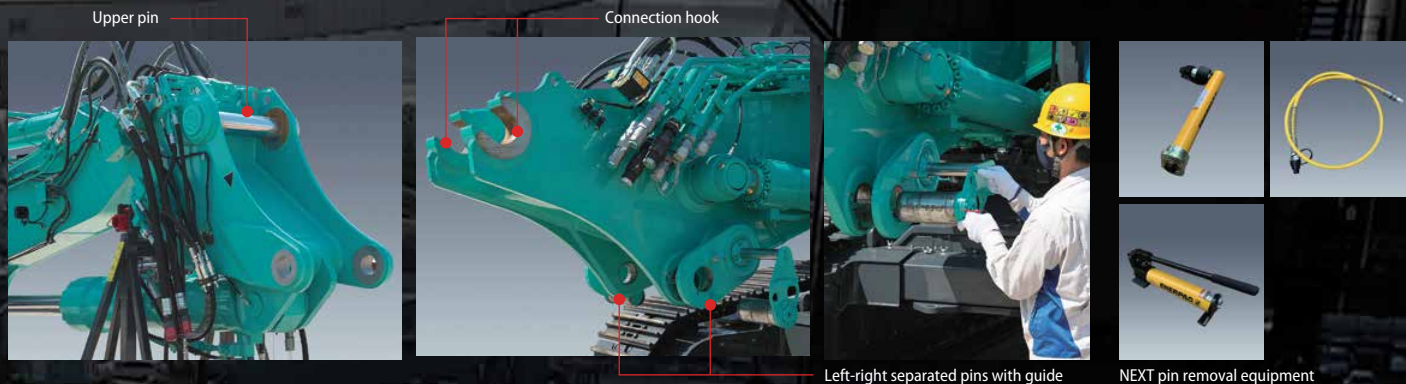


## Assembly / Disassembly

Incorporate KOBELCO's state-of-the-art technology.

### Quick assembly NEXT joint system

The connection between the main boom and front attachment uses the NEXT joint system, consisting of a hook joint on the upper and left-right separated opposing pins with a guide on the lower. This allows for safe and quick assembly and disassembly. The lower pin has a guide so it can be easily inserted and removed by hand. Using the NEXT pin removal equipment makes the job even easier.



### Piping connection also simple with multi-coupler and quick-coupler

With the attachment joint part, connect the hydraulic piping to the boom side, and then connect/disconnect with the multi-coupler or quick coupler. Safely and conveniently connect piping on the ground.



### Bucket link with lifting hook is equipped as standard

Lifting hook equipped on the bucket link part with the separate boom specification. It can lift the ultra long attachment by itself, so no loading crane is necessary when changing attachments or loading/unloading the machine onto a transport truck.



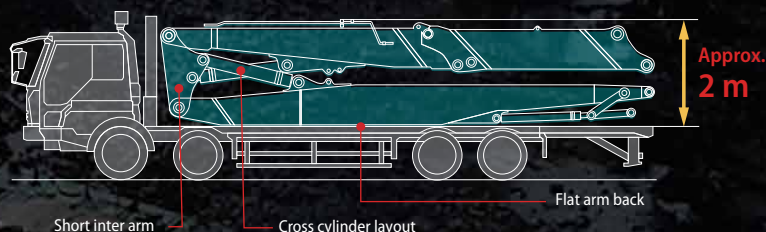
## Transport the machine

Minimize overall height, width and weight for easy and safe transportation

### Lower overall height of attachment during transportation

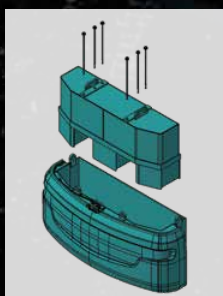
[NEXT Ultra long attachment specification]

The cross-cylinder layout keeps the overall height low when folded, so it can be transported on a standard trailer without worrying about height restrictions.



### Removable inner part of counterweight

The counterweight consists of a case and a removable inner part, which can be easily removed to reduce the overall weight when transporting the base machine.



### Variable Gauge Crawler (Hydraulic)

The Variable Gauge Crawler keeps the overall crawler frame width during transport within 3 m. The mechanical extendable/retractable mechanism allows the crawler frame to maintain stability while working and compactness during transport.





## Reliability and safety

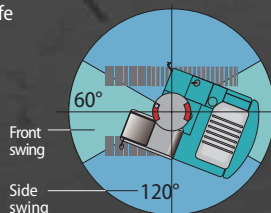
KOBELCO's latest technology for keeping the machine in top shape and protecting the operator.

### Stability warning system with longitudinal/horizontal detection

The device calculates the tipping danger area from the posture of the attachment and swing angle of upper structure, and if it detects a dangerous situation, it alerts the operator with an alarm and a warning on the screen. System distinguishes between the front and sides by detecting the position relative to the upper structure and crawler. As the system recognises that the safe working range differs between the front and sides, the upper structure can swing within a wider restricted range for each.



Stability warning display



### Displaying the machine's posture assists in demolition work

The monitor displays the longitudinal and lateral tilt of the base machine. The operator can also check the working radius and height on the monitor, enabling accurate understanding of the working status of the machine.

CUSTOM NIBBLER(1)	
3P HIGH REACH	
RADIUS	4.5m
HEIGHT	5.6m
BOOM ANGLE	92°
+ ( )	0.0°
- ( )	0.0°

Working height

Base machine tilt

### LED work light to keep visibility in low light or at night

Equipped with eight high brightness LED work lights. The lights keep the work area bright even in low light or at night. Work area safety can also be quickly confirmed.



Upper structure (1 light)



Cab top (2 lights)



Cab bottom (1 light)



Attachment (2 lights)



Counterweight (2 lights)

### Cab interference prevention system with soft-stop feature

If the attachment comes within a certain distance of the cab, an alarm and warning on the screen alert the operator, and the attachment stops softly and automatically to protect the operator. Since there is no worry of contact, the operator can confidently perform lever operation even close to the cab.



Boom angle sensor



Jib angle sensor



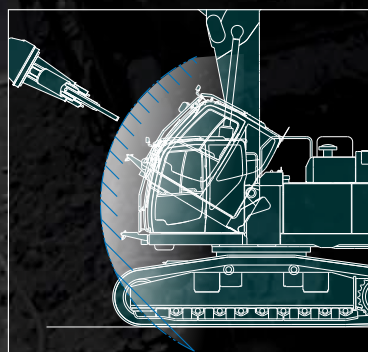
Arm angle sensor



Bucket angle sensor



Cab interference warning display



### Right, left and rear view cameras / Eagle-Eye View

Cameras are equipped on the rear, right, and left sides of the base machine. Camera image is easily visible on the large 10-inch monitor. The blind spots behind and to the right can be checked in a glance from the operator's seat to confirm safety. The operator can choose how to display the camera image.



Simultaneous rear/right view



Rear-side camera



Top-down view



Left-side view



Eagle-eye view



Right-side camera



## Protection and comfortably

A unique operating environment of building demolition machine to prevent operator fatigue.

### Demolition spec cab with tilting function

A Demolition spec cab with a 30° tilt capability is equipped as standard for comfortably demolishing tall buildings where the operator spends a long time looking up. With no beam between the front window and skylight to block visibility and angled grids on the cab guard, good work visibility is maintained.



Excellent visibility (Front and Skylight)  
\*This photo is SK1300DLC



Front guard and Top guard are standard



Cab can be tilted up to 30 degrees

## Equipment

For ensuring the machine remains safely usable for a long time.



**Reinforced upper frame under cover guards**  
6mm-thick steel plate cover protects devices in the base machine.



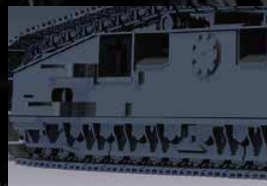
**Lower frame guard**  
9mm-thick steel plate cover protects travel-system hydraulic circuits.



**Safety valve for boom & arm & jib cylinder**  
Prevents attachment from falling if piping is ruptured.



**Bucket cylinder guard**  
Prevents damage to the cylinder from falling debris.



**Full truck guide (option)**  
Prevents treads from coming off when mounting on demolition rubble.



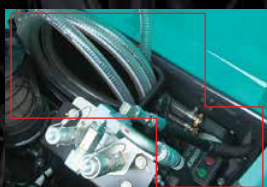
**Public address system**  
Alert workers in the area with clear audio quality.



**Cab lower mirror**  
Check safety at foot areas and under the cab when tilted.



**Cab entry step**  
Positioned for convenient access to the tilt cab.



**Refueling pump**  
Quickly and safely refuel from the ground.



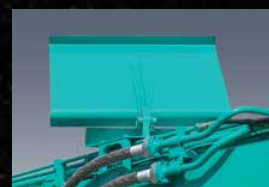
**Auto lubrication system**  
Quickly lubricate the attachments.



**Water spray**  
It helps to prevent the spread of dust generated during demolition.



**Additional storage box**  
Equipped with a storage box for storing tools and implements.



**Falling object deflector**  
The guard deflects falling debris away from the machine. This is standard for the ultra long attachment.

\* The accessory settings may differ according to the specification. Refer to the list of key accessories on the back page for details.



# Specifications



## Engine

Model	CUMMINS X12
Type	Four-cycle, water-cooled, direct injection diesel engine, turbo charged, EU Stage V exhaust emission regulation
No. of cylinders	6
Bore and stroke	132 mm x 144 mm
Displacement	11.8 L
Rated power output	280 kW / 1,800 min <sup>-1</sup> (ISO 14396: without fan)
Max. torque	1,830 N·m / 1,400 min <sup>-1</sup> (ISO 14396: without fan)



## Hydraulic system

Pump	
Type	Two variable displacement axial piston pumps + rotation gear pump + pilot gear pump
Max. discharge flow	2 x 370 L/min 1 x 58.5, 1 x 27.0 L/min
Relief valve setting	
Boom, arm and bucket	31.4 MPa
Power Boost	34.3 MPa (for Separate Boom)
Travel circuit	34.3 MPa
Swing circuit	26.0 MPa
Control circuit	5.0 MPa
Nibbler (Crusher) circuit	31.4 MPa (Open & Close) 20.6 MPa (Rotation)
Pilot control pump	Gear type
Main control valves	8+2 Spool valve x 1pc -spool
Oil cooler	Air cooled type



## Swing system

Swing motor	Two fixed displacement piston motor
Brake	Hydraulic; locking automatically when the swing control lever is in the neutral position
Parking brake	Wet multiple plate
Swing speed	4.0 min <sup>-1</sup> (Ultra long attachment) 7.5 min <sup>-1</sup> (Separate boom)
Swing torque	188 kN·m



## Travel System

Travel motors	2 x axial-piston, two-step motors
Travel brakes	Hydraulic brake per motor
Parking brakes	Oil disc brake per motor
Travel shoes	50 each side
Travel speed (high / low)	5.4 / 3.2 km/h
Rated drawbar pull	405 kN (Ultra long attachment) (SAE J 1309) 404 kN (Separate boom) (SAE J 1309)



## Cab & control

Cab	
All-weather, sound-suppressed steel cab mounted on the silicon-sealed viscous mounts and equipped with a heavy, insulated floor mat Demolition spec cab with tilting function(30°)	
Control	
Two hand levers and two foot pedals for travel	
Two hand levers and one foot pedal for front attachment and swing	
Electric rotary-type engine throttle	
Noise levels	
External	106 dB(A) (2000/14/EC)
Operator	74 db (A) (ISO 6396)
Vibration levels	
Hand/arm*	≤ 2.5 m/s <sup>2</sup>
Body*	≤ 0.5 m/s <sup>2</sup>

\* For the risk assessment according to 2002/44/EC, refer to ISO/TR 25398: 2006.



## Cylinders

bore x stroke (mm)

Attachment type	NEXT Ultra long attachment
Boom cylinders	180 x 1,580
Jib cylinders	140 x 1,210
Arm cylinder	170 x 1,210
Bucket cylinder	125 x 1,200
Attachment type	Separate attachment
Boom cylinders	180 x 1,580
Jib cylinder	270 x 1,418
Arm cylinder	190 x 1,970
Bucket cylinder	160 x 1,410



## Refilling capacities & lubrications

Fuel tank	638 L
Cooling system	45 L
Engine oil	45 L
Travel reduction gear	2 x 15.0 L
Swing reduction gear	2 x 5.0 L
Hydraulic oil tank	371 L tank oil level 631 L hydraulic system
DEF/Urea tank	73 L

## Operating Weight & Ground Pressure

Attachment Type	NEXT Ultra long attachment/ equipment*		Separate attachment*
	6.1 m arm (25.0 m height)	8.7 m arm (27.5 m height)	
Operating Weight	63,200 kg	63,300 kg	65,200 kg
Ground Pressure	108 kPa	108 kPa	112 kPa

\* Measured with max tool weight

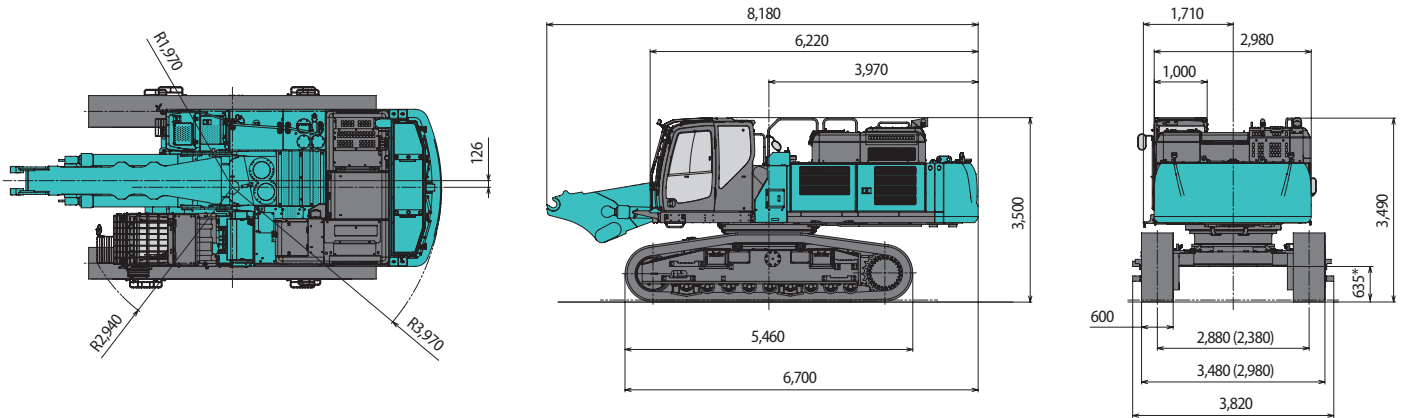




## Dimensions

■ Dimensions (base machine + main boom)

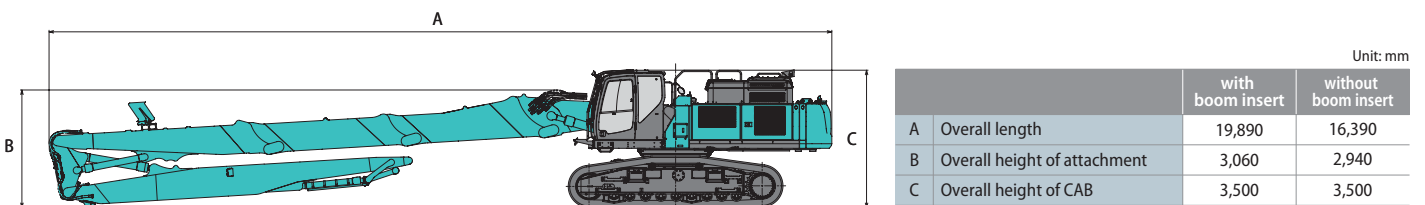
Unit: mm



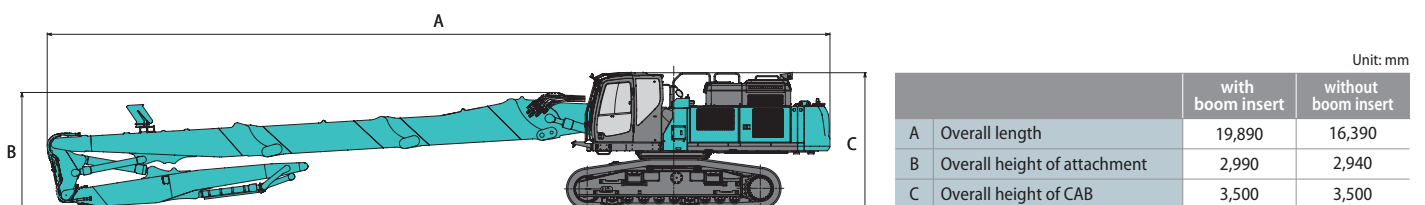
\*Excluding height of grouser

## ■ Assembled machine dimensions

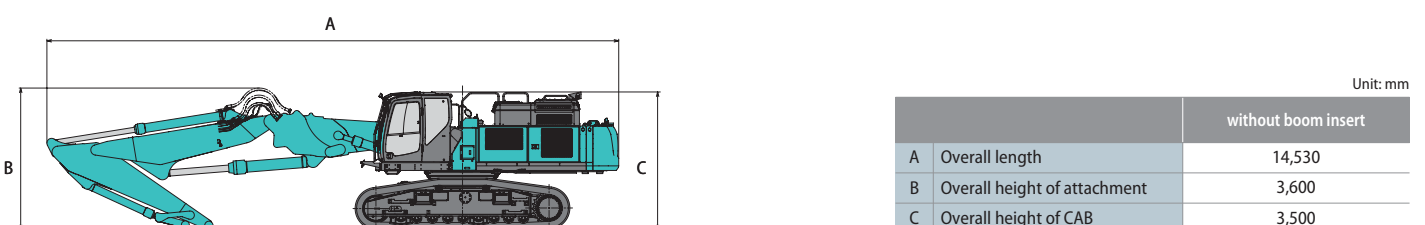
● NEXT Ultra long attachment specification : 8.7 m arm + 3.5 m boom insert



● NEXT Ultra long attachment specification : 6.1 m arm + 3.5 m boom insert



● NEXT Separate boom specification

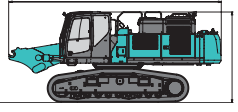
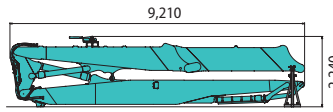
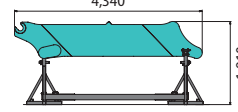
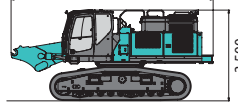
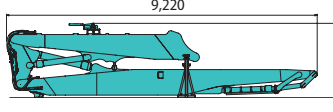
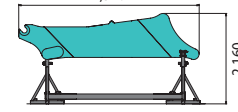
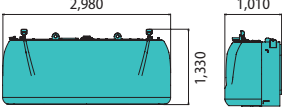
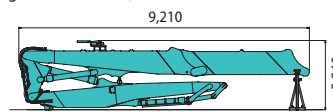
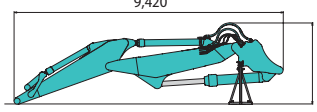
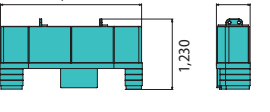
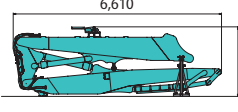




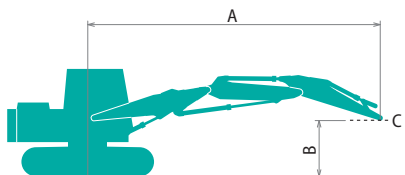
# Specifications

## Disassembled dimensions and weight

Unit: mm

<b>Base machine + main boom</b>  Weight: 50,700 kg	<b>NEXT Ultra long attachment : 8.7 m arm + 3.5 m boom insert (including enclosed stand)</b>  Overall width: 1,780 mm    Weight: 8,330 kg	<b>NEXT Ultra long attachment : 3.5 m boom insert (including optional stand)</b>  Overall width: 1,770 mm    Weight: 1,990 kg
<b>Base machine + main boom (without counterweight)</b>  Weight: 39,500 kg	<b>NEXT Ultra long attachment : 8.7 m arm (including enclosed stand)</b>  Overall width: 1,780 mm    Weight: 6,650 kg	<b>NEXT Ultra long attachment : 3.5 m boom adapter (including optional stand)</b>  Overall width: 1,850 mm    Weight: 2,100 kg
<b>Counterweight Case</b>  Weight: 4,850 kg	<b>NEXT Ultra long attachment : 6.1 m arm + 3.5 m boom insert (including enclosed stand)</b>  Overall width: 1,780 mm    Weight: 7,830 kg	<b>NEXT Separate boom (including enclosed stand)</b>  Overall width: 1,850 mm    Weight: 8,630 kg
<b>Counterweight</b>  Weight: 6,270 kg	<b>NEXT Ultra long attachment : 6.1 m arm (including enclosed stand)</b>  Overall width: 1,780 mm    Weight: 6,160 kg	

## Lift Capacities



















Rating over front



Rating over side or 90 degrees

A – Reach from swing centerline to arm top  
 B – Arm top pin height above/below ground  
 C – Lift point  
 Relief valve setting: 34.3 MPa

Unit : kg

SK550DLC		Boom: Separate boom		Arm: 3.45 m		Front attachment: without		Counterweight: 11,100 kg		Shoe: 600 mm (Heavy Lift)											
B Height	Radius A	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		At Max. Reach		Radius			
																					
13.5 m	kg			*17,350	*17,350											*15,490	*15,490	5.87 m			
12.0 m	kg					*14,530	*14,530	*11,950	*11,950							*12,380	11,340	8.14 m			
10.5 m	kg					*12,800	*12,800	*9,700	*9,700	*10,410	9,740					*10,810	8,340	9.66 m			
9.0 m	kg			*10,610	*10,610	*12,480	*12,480	*12,880	*12,880	*9,290	*9,290	*9,780	7,190			*9,860	6,780	10.76 m			
7.5 m	kg			*21,620	*21,620	*15,870	*15,870	*13,370	12,650	*8,840	*8,840	*9,200	7,130			*8,730	5,850	11.55 m			
6.0 m	kg			*20,760	*20,760	*17,700	16,310	*9,610	*9,610	*9,060	8,900	*9,110	6,900	*8,810	5,380	*8,700	5,260	12.11 m			
4.5 m	kg			*17,940	*17,940	*13,070	*13,070	*10,870	10,860	*9,730	8,370	*9,320	6,610	*8,750	5,270	*8,210	4,910	12.46 m			
3.0 m	kg			*18,370	*18,370	*15,570	14,130	*12,300	10,090	*10,570	7,900	*9,720	6,320	*8,600	5,140	*7,840	4,720	12.62 m			
1.5 m	kg			*15,150	*15,150	*17,640	13,420	*13,620	9,620	*11,420	7,560	*9,950	6,100	*8,260	5,030	*7,380	4,690	12.60 m			
G.L.	kg			*19,600	*19,600	*16,750	13,130	*13,510	9,440	*11,320	7,370	*9,420	5,980	*7,570	5,000	*6,830	4,810	12.40 m			
-1.5 m	kg	*16,400	*16,400	*26,640	22,140	*11,640		*12,060	9,470	*10,270	7,340	*8,470	5,970	*6,120	5,110	*6,090	5,110	12.00 m			
-3.0 m	kg	*24,280	*24,280	*25,870	22,310	*19,390	14,350	*10,060	9,660	*8,650	7,470	*6,860	6,120			*5,060	*5,060	11.40 m			
-4.5 m	kg	*33,560	*33,560	*24,060	22,780	*18,320	14,600	*14,230	10,650	*9,740	7,970					*14,490	10,830	7.43 m			
-6.0 m	kg			*20,420	*20,420	*14,480	*14,480									*16,550	*16,550	5.62 m			

### Notes:

- Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and height. Weight of all accessories must be deducted from the above lift capacities.
- Lift capacities are based on machine standing on level, firm, and uniform ground. User must make allowance for job conditions such as soft or uneven ground out of level conditions, side loads, sudden stopping of loads, hazardous conditions, experience of personnel, etc.
- Arm top pin is defined as lift point.
- The above lift capacities are in compliance with SAE J10567. They do not exceed 87 % of hydraulic lift capacity or 75 % of tipping load. Lifting capacities marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.
- Operator should be fully acquainted with the operator's and Maintenance Instructions before operating this machine and rules for safe operation of equipment should be adhered to at all times.
- Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.
- This table cannot be applied for high reach demolition machines.

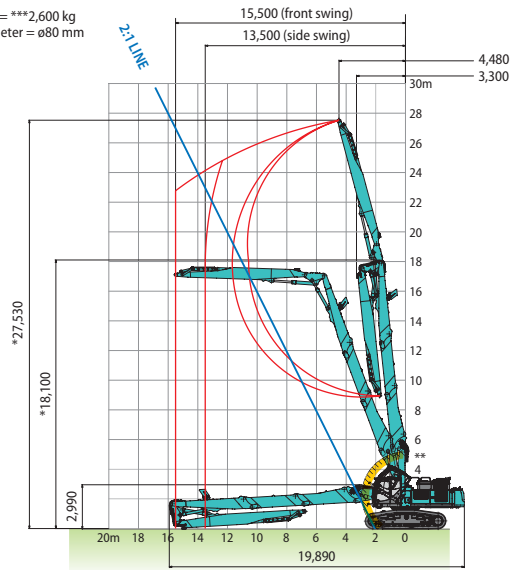




## Working Ranges

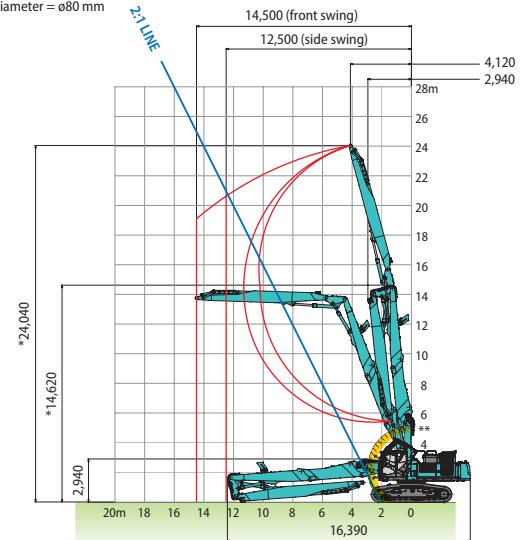
### NEXT Ultra long attachment specification : 8.7 m arm + 3.5 m boom insert

Max. tool weight = \*\*\*2,600 kg  
Arm top pin diameter = ø80 mm



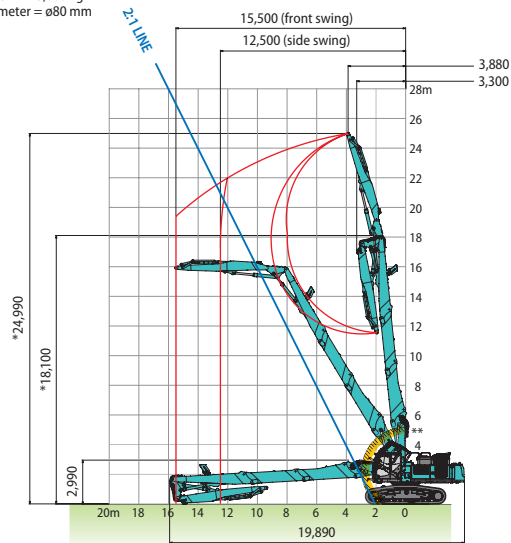
### NEXT Ultra long attachment specification : 8.7 m arm

Max. tool weight = \*\*\*2,600 kg  
Arm top pin diameter = ø80 mm



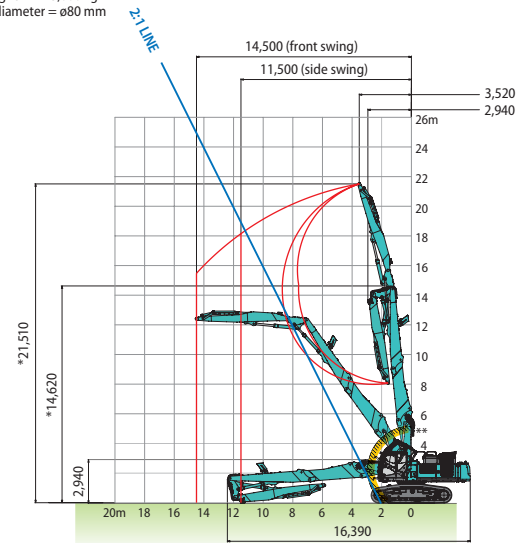
### NEXT Ultra long attachment specification : 6.1 m arm + 3.5 m boom insert

Max. tool weight = \*\*\*3,000 kg  
Arm top pin diameter = ø80 mm



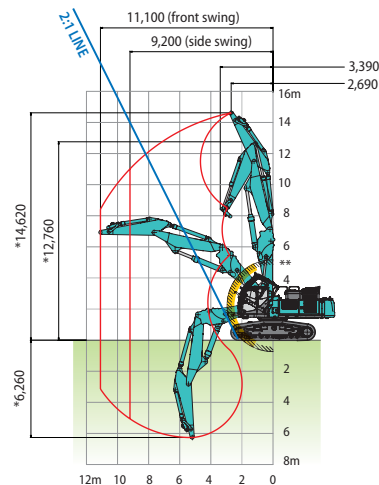
### NEXT Ultra long attachment specification : 6.1 m arm

Max. tool weight = \*\*\*3,000 kg  
Arm top pin diameter = ø80 mm



### NEXT Separate boom specification

Max. tool weight = \*\*\*6,100 kg  
Arm top pin diameter = ø100 mm

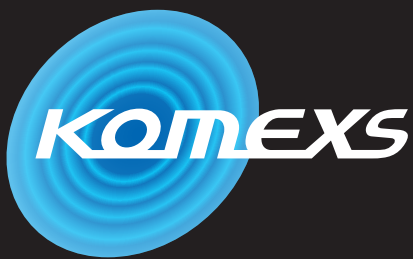


\*Without including height of shoe lug.

■ \*\*Cab interference prevention system operating area.

\*\*\*Max tool weight, operation height, and working range provided in this brochure are based on the arm top pin.





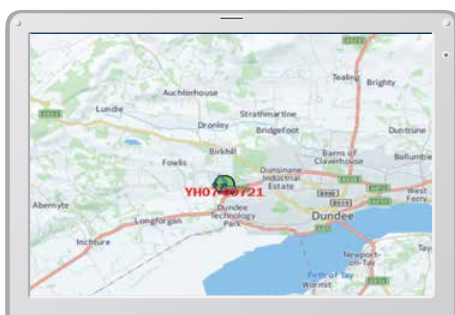
# KOBELCO MONITORING EXCAVATOR SYSTEM



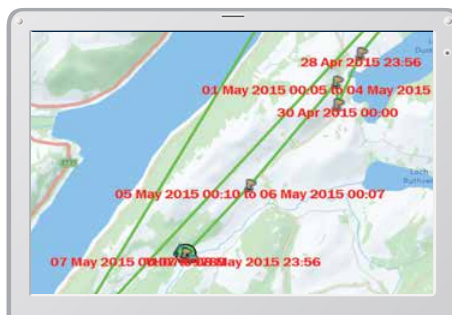
## Direct Access to Operational Status

### Location Data

Accurate location data can be obtained even from sites where communications are difficult.



Latest location



Location records

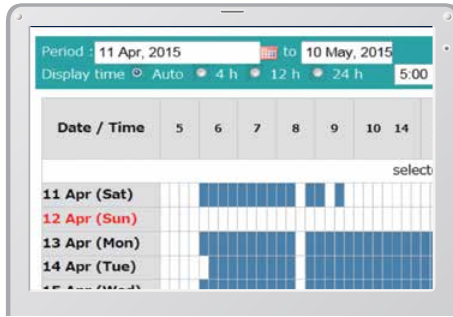
Period	11 Apr, 2015	to	10 May, 2015	Search
Type of Operation	Working Hrs	Ratio		
Total Working Hrs	169 Hrs	100 %		
Digging Hrs	72.2 Hrs	43 %		
Traveling Hrs	18.3 Hrs	11 %		
Idle Hrs	15.9 Hrs	9 %		
Opt Att Hrs	62.5 Hrs	37 %		
Crane Mode Hrs	0 Hrs	0 %		

Work data



## Operating Hours

- A comparison of operating times of machines at multiple locations shows which locations are busier and more profitable.
- Operating hours on site can be accurately recorded, for running time calculations needed for rental machines, etc.



Daily report

## Fuel Consumption Data

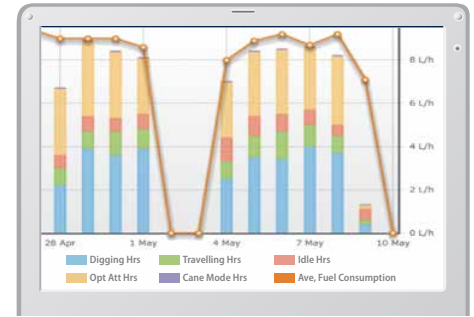
Data on fuel consumption and idling times can be used to indicate improvements in fuel consumption.

Work mode	Working Hrs	Total Fuel Consumption
H mode	2:06	24.5 L
S mode	0:00	0.0 L
E mode	169:19	1489.7 L
<b>TOTAL</b>	<b>171:25</b>	<b>1514.2 L</b>

Fuel consumption

## Graph of Work Content

The graph shows how working hours are divided among different operating categories, including digging, idling, travelling and optional operations.



Work status

## Maintenance Data and Warning Alerts

### Machine Maintenance Data

- Provides maintenance status of separate machines operating at multiple sites.
- Maintenance data is also relayed to KOBELCO service personnel, for more efficient planning of periodic servicing.

Model	Serial No.	Hour Meter	Engine Oil
SK135SRLC-3/SK140SRL	YH07-09721	734 Hr	434
SK135SRLC-3/SK140SRL	YH07-09789	73 Hr	429
SK210LC-9	YQ13-10454	960 Hr	58
SK210LC-9	YQ13-10481	549 Hr	498
SK75SR-	YT08-30374		

Maintenance

### Warning Alerts

This system warns an alert if an anomaly is sensed, preventing damage that could result in machine downtime.

## Alarm Information Can Be Received through E-mail

Alarm information or maintenance notice can be received through E-mail, using a computer or cell phone.



Alarm messages can be received on mobile device.

## Daily/Monthly Reports

Operational data downloaded onto a computer helps in formulating daily and monthly reports.

## Security System

### Engine Start Alarm

The system can be set an alarm if the machine is operated outside designated time.

Engine start alarm outside prescribed work time

### Area Alarm

It can be set an alarm if the machine is moved out of its designated area to another location.

Alarm for outside of reset area

Standard and Optional Equipment



● =Std ○ =Opt — =not available

Category	Description	SK550DLC-11E		
		Separate boom Attachment	Ultra long Attachment (25m height)	Ultra long Attachment (27.5m height)
ENGINE	CUMMINS X12 (EU Stage V compliant)	●	●	●
	Exhaust DPF SCR system	●	●	●
	Alternator 24 V /110 A	●	●	●
	Starter motor 24 V /7.5 kW	●	●	●
	Batteries 2x 12 V (205 Ah)	●	●	●
	Reversible hydraulic drive cooling fan	●	●	●
	Auto deceleration function	●	●	●
HYDRAULIC SYSTEM	Auto idle stop (AIS)	●	●	●
	3 work modes H, S, Eco	●	●	●
	Power Boost (34.3 MPa)	●	—	—
	Heavy lift mode	●	—	—
	Pressure release function	●	●	●
	Independent travel function	●	●	●
	Auto warm up system	●	●	●
	Proportional Hand Control (for Rotation & N&B pipping)	●	●	●
	Hydraulic oil VG32	●	●	●
	Hydraulic oil VG46	○	○	○
PIPING	Hydraulic oil VG68	○	○	○
	Rotation & N&B pipping	●	●	●
CABIN	QH pipping	●	●	●
	Air suspension seat with heating	●	●	●
CABIN	10 inch colour monitor	●	●	●
	LED door light	●	●	●
	Air-conditioner	●	●	●
	DAB+ radio (FM/AM & AUX & USB & Bluetooth* & hands free telephone)	●	●	●
	Parallel wiper	●	●	●
	12V power outlet	●	●	●
	Sun screen	●	●	●
	Large footrest	●	●	●
LIGHTS	LED work lights ; 2 on cab top, 1 on cab bottom, 1 on upper structure	●	●	●
	LED work lights ; 2 on counterweight	●	●	●
	LED work lights ; 2 on boom	●	—	—
	LED work lights ; 2 on arm	—	●	●
WORKING EQUIPMENT	NEXT water spray (only pipping)	●	●	●
COUNTERWEIGHT	Bucket link with lifting hook	●	—	—
	Layered C/W (TTL 11,100 kg)	●	●	●
UNDERCARRIAGE	VLC (Hydraulic variable gauge crawler)	●	●	●
	600 mm steel shoe	●	●	●
	600 mm HD double grouser shoe	○	○	○
	Track guides (two per side)	●	●	●
	Full track guide	○	○	○
SAFETY	Lower frame guard	●	●	●
	Engine emergency stop switch	●	●	●
	Pump emergency mode (KPSS release switch)	●	●	●
	Emergency accel dial	●	●	●
	Emergency manual valve for lowering attachment	●	●	●
	Emergency manual valve for lowering cab	●	●	●
	Overload alarm	●	—	—
	Safety valve for boom & arm & jib cylinder	●	●	●
	Demolition spec cab (PSA glass, Tilting function)	●	●	●
	OPG Level II top guard (ISO 10262;1998)	●	●	●
	OPG Level II front guard (ISO 10262;1998)	●	●	●
	Eagle-eye view camera (Rear, Right, Left)	●	●	●
	Cab lower mirror	●	●	●
	Falling object deflector	—	●	●
	Travel alarm	○	○	○
	Seatbelt indicator on display	●	●	●
	Cab interference prevention system	●	●	●
	Stability warning system	●	●	●
	Public address system	●	●	●
	Emergency escape hammer	●	●	●
OTHERS	Refueling pump	●	●	●
	Auto lubrication system	●	●	●
	Harness for engine room light	●	●	●
	NEXT pin removal equipment	●	●	●
	NEXT stand for 3.5 m insert boom	○	○	○
	NEXT stand for 3.5 m adapter	○	○	○
	Additional storage box	●	●	●
	Bucket cylinder guard	●	●	●
	RAL colour	○	○	○
	KOMEXS	●	●	●

\*The air conditioning system on this machine contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 1.1 kg (CO<sub>2</sub> equivalent 1.6 t)  
Note: Bluetooth\* is a registered trademark of the Bluetooth SIG Inc.

Note: This catalogue may contain attachments and optional equipment that are not available in your area. And it may contain photographs of machines with specifications that differ from those of machines sold in your areas. Please consult your nearest KOBELCO distributor for those items you require.  
Specialist equipment is needed to use this machine in demolition work. Before using it please contact your KOBELCO dealer.  
Due to our policy of continuous product improvements all designs and specifications are subject to change without advance notice.  
Copyright by **KOBELCO CONSTRUCTION MACHINERY CO., LTD.** No part of this catalogue may be reproduced in any manner without notice.

KOBELCO CONSTRUCTION MACHINERY EUROPE B.V.

www.kobelco-europe.com



Enquiries To: