

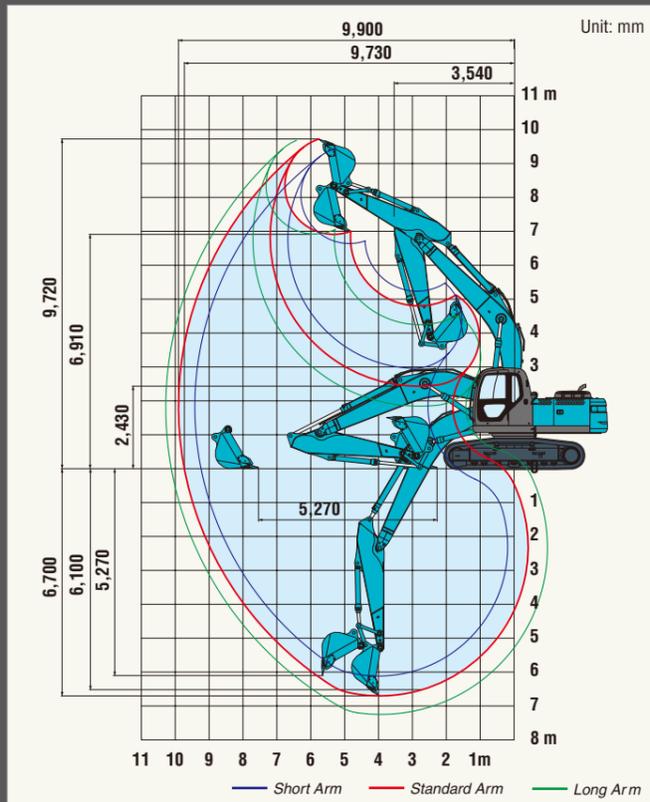
SK200 SK210_{LC} *Super X_m*

Specifications

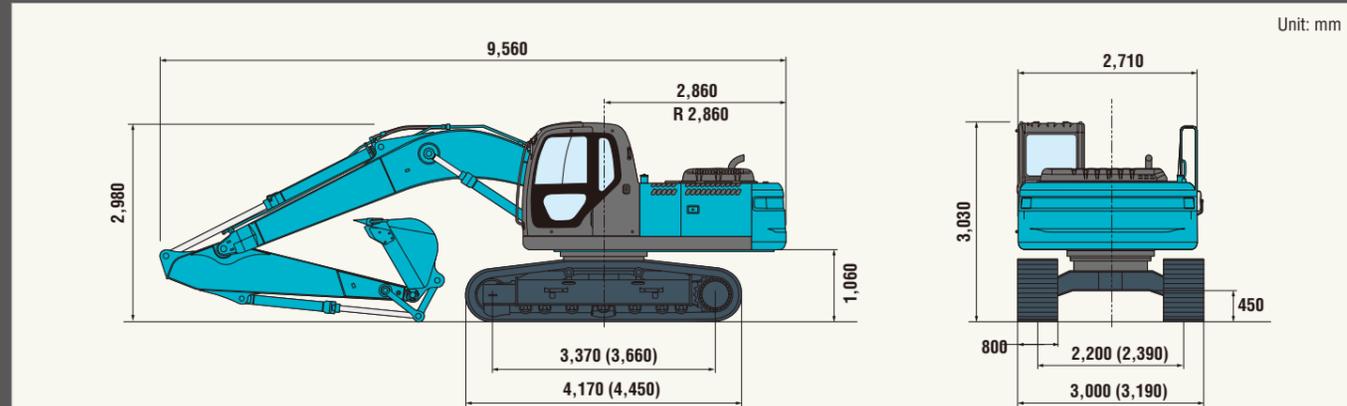
MODEL		SK200 SK210 _{LC}
PERFORMANCE		
Bucket Capacity	ISO heaped m ³	0.8 - 1.3
Swing Speed	min ⁻¹ {rpm}	12.5 {12.5}
Travel speed	km/h	6.0/3.6
Gradeability	% {°}	70 {35}
Bucket Digging Force	kN	143 {14,600} (157 {16,000}*)
Arm Crowding Force	kN	102 {10,400} (112 {11,400}*)
Drawbar Pulling force	kN {tf}	229 {23.3}
WEIGHT		
Operating Weight	kg	20,400-SK200 (20,900-SK210 _{LC})
Ground Pressure	kPa	46-SK200 (43-SK210 _{LC})
Shoe Width	mm	800
ENGINE		
Model	HINO J05E	
Type	Direct injection, water cooled, 4-cylce, 4-cylinder diesel engine with turbocharger, intercooler	
Power Output	kW/min ⁻¹	118/2,000 (ISO 14396), 114/2,000 (ISO 9249)
Max. Torque	N.m/min ⁻¹	592/1,600 (ISO 14396), 572/1,600 (ISO 9249)
Displacement	L	5.123
Fuel Tank	L	370
HYDRAULIC SYSTEM		
Pump	Two variable displacement pumps + one gear pump	
Max. Discharge Flow	L/min	2 x 220, 1 x 20
Relief Valve Setting	MPa {kgf/cm ² }	34.3 {350} (37.8 {385}*)
Swing Motor	Axial piston motor	
Travel Motors	2 x axial-piston, two-step motors	
Hydraulic Oil Tank	L	230: system (146: tank level)

* Power Boost engaged

Working Ranges



Dimensions



Figures in () show the value of SK210_{LC}.

Note: This catalog 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. 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 catalog may be reproduced in any manner without notice.

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KOBELCO

ACERA Hydraulic Excavators GEOSPEC *Super X_m* SK200 SK210_{LC}

Bucket Capacity:

0.8 – 1.3 m³ ISO heaped

Engine Power:

118 kW/2,000 min⁻¹ (ISO 14396)
 114 kW/2,000 min⁻¹ (ISO 9249)

Operating Weight:

21,000 kg – SK200
 21,400 kg – SK210_{LC}



We Save You Fuel
 Achieving a Low-Carbon Society

Endless Evolution

Famous for their excellent fuel efficiency and outstanding performance, KOBELCO excavators just keep getting better. Our Acera Geospec series takes the "Three E's" concept one step further, for even more added value. With reinforced, durable construction that can handle the toughest working conditions and an improved work environment for the operator, the ACERA GEOSPEC SuperXm brings hydraulic excavators to a whole new level. This is a machine designed to anticipate the demands of the times and satisfy worksite needs. Of course, you'd expect no less from KOBELCO technology, which pursues endless evolution to provide customers with unique value.



Durable Construction

Durable Undercarriage

Reinforced and integrated design makes idler cover tougher.



Double support upper rollers



Reinforced boom foot

Efficient Performance

Amazing Productivity with 20% Saving in Fuel Consumption and Top-Class Cost Performance

	Fuel Consumption*
20%	improvement in fuel efficiency when performing more work volume (S-Mode)
	Work Volume*
8%	increase in work volume using the same amount of fuel. (H-Mode)

*The value shows results from actual measurements taken by KOBELCO when compared with previous KOBELCO models.

"Top-Class" Powerful Digging

Max. arm crowding force with power boost:	112kN{11.4tf}	
Max. bucket digging force with power boost:	157kN{16.0tf}	

Powerful Travel

Drawbar pulling force:	229kN{23.3tf}	
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Greater Swing Power, Shorter Cycle Times

Swing speed:	12.5min⁻¹	
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NEXT-3E Technology

New Hydraulic System

Rigorous inspections for pressure loss are performed on all components of the hydraulic piping, from the spool of the control valve to the connectors. This regimen, combined with the use of a new, high-efficiency pump, cuts energy loss to a minimum.



NEXT-3E Technology

Next-Generation Electronic Engine Control

The high-pressure, common-rail fuel-injection engine features a cooled EGR (Exhaust Gas Recirculation) device that lowers the air intake temperature to keep the oxygen concentration down.



Pursuing the "3E's"

Enhancement: Greater performance capacity
Economy: Improved cost efficiency
Environment: Features that go on the earth

Improved Operating Environment

Two Cab Working Lights

Two working lights are fitted to the cab, to extend productive hours of operation, boost safety and give operator more peace of mind.



Suspension Seat

Comfortable, double-sliding suspension seat, fitted as standard, creates a higher grade working environment and reduces fatigue.



Multi-control

Switching to any one of several operating patterns means operators accustomed to other machines can easily be deployed.



Comfort and Safety

Spacious, Comfortable Cab

Designed for safety, the cab meets ISO standards, and also offers a spacious interior and plenty of foot room, with levers and other controls ideally positioned for easy operation.



Reclining Seat

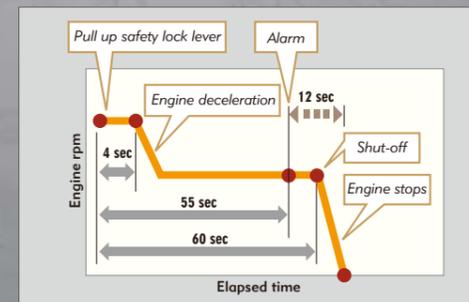
Seat can be reclined to horizontal position. Wide-Access Cab Ensures Smooth Entry and Exit

The left control box lifts up with the safety lock lever to add 10° to the cab entry angle for easy entrance and exit.

Wide Field of View Liberates the Operator

The front field of view easily clears ISO standards, while the peripheral view reduces blind spots to a minimum.

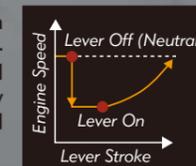
Auto Idle Stop Provided as Standard Equipment



This function saves fuel and cuts emissions by shutting down the engine automatically when the safety lock lever is pulled up. It also stops the hourmeter, which helps to retain the machine's asset value.

Automatic Acceleration/Deceleration Function Reduces Engine Speed

Engine speed is automatically reduced when the control lever is placed in neutral, effectively saving fuel and reducing noise and exhaust emissions. The engine quickly returns to full speed when the lever is moved out of neutral.



Easy Maintenance

Comfortable "On the Ground" Maintenance

The machine layout was designed with easy inspection and maintenance in mind.

