

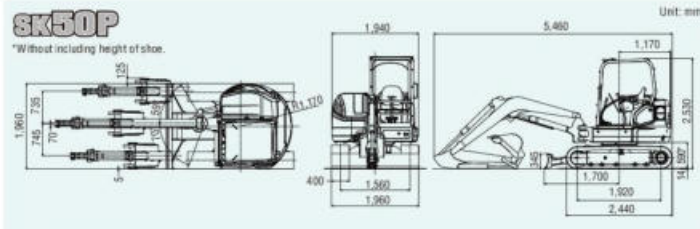
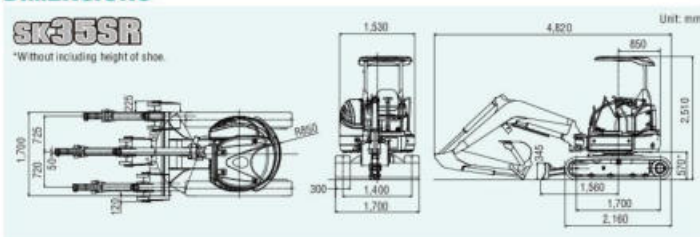
SPECIFICATIONS

MODEL	SK35SR	SK50P
Type	SK35SR-6	SK50P-6
Machine Mass (canopy/cab)	kg 3,610/3,770	4,720/4,840
Bucket Capacity	m ³ 0.11	0.14
Bucket Width	mm 600	600
Arm Length	m 1.37	1.4
Bucket Digging Force	kN (kgf) 27.8 (2,830)	35.2 (3,588)
Arm Crowding Force	kN (kgf) 22.5 (2,290)	28.0 (2,855)
ENGINE		
Model	YANMAR 3TNV82A-B	YANMAR 4TNV88-B
Type	Water cooled, 4-cycle, 3-cylinder, direct injection, diesel engine	Water cooled, 4-cycle, 4-cylinder, direct injection, diesel engine
Power Output	kW/min ⁻¹ (ISO 14396)	18.1/2,400
Max. Torque	N·m/min ⁻¹ (ISO 14396)	79.4/1,440
Displacement	L 1.331	2.189
Fuel Tank	L 42.0	75
HYDRAULIC SYSTEM		
Pump	Two variable displacement pumps + one gear pump	
Max. Discharge Flow	L/min 2 x 38.4, 1 x 19.2	2 x 49.9, 1 x 33.8
Relief Valve Setting	MPa 23.0	23.0
Hydraulic Oil Tank (system)	L 20.4 (44.8)	27.9 (57.7)

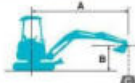
WORKING RANGES

Model	SK35SR	SK50P
Boom length	2.47 m	2.985 m
Arm length	1.37 m	1.40 m
a- Max. digging reach	5,350	5,980
b- Max. digging reach at ground level	5,290	5,830
c- Max. digging depth	3,850	3,620
d- Max. digging height	4,870	5,760
e- Max. dumping clearance	3,490	4,180
f- Min. dumping clearance	1,310	1,860
g- Max. vertical wall digging depth	2,470	2,870
h- Min. swing radius	2,320	2,220
i- Dozer blade (height/depth)	395/320	375/385

DIMENSIONS



LIFTING CAPACITIES



- Rating over front
- Rating over side or 360 degrees

A: Reach from swing centerline to bucket hook
B: Bucket hook height above/below ground
C: Lifting capacities in kilograms
Relief valve setting: 23.0 MPa

Canopy

SK35SR	Arm: 1.37 m, Bucket: 0.11 m ³ or 100 Heaped, Shovel: 300 mm Rubber shoe				
	1.0 m	2.0 m	3.0 m	4.0 m	At Max. Reach
4.0 m	kg			510	490
3.0 m	kg			460	430
2.0 m	kg		820	790	590
1.0 m	kg		750	690	470
G. L.	kg	1,390	1,250	710	650
-1.0 m	kg	2,450	2,450	1,410	1,270
-2.0 m	kg			1,470	1,330

Canopy

SK50P	Arm: 1.4 m, Bucket: 0.14 m ³ or 110 Heaped, Shovel: 400 mm Steel shoe				
	2.0 m	3.0 m	4.0 m	5.0 m	At Max. Reach
4.0 m	kg		800	690	740
3.0 m	kg		1,150	1,140	790
2.0 m	kg		1,220	1,040	780
1.0 m	kg		1,110	940	710
G. L.	kg		1,080	910	690
-1.0 m	kg	2,310	1,860	1,090	920
-2.0 m	kg	2,380	1,920	1,130	950

Notes:

- Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and heights. 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.
- Bucket lift hook defined as lift point.

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.

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KOBELCO CONSTRUCTION MACHINERY CO., LTD.

KOBELCO

SK35SR-6/SK50P-6

MINI EXCAVATOR SK35SR SK50P

COMPACT YET TOUGH MINI

Now KOBELCO has taken the next evolutionary step by packing even more digging power and practical performance features into the SK35SR/SK50P while maintaining a short tail swing. The new Energy Conservation Mode saves even more fuel, and KOBELCO's proprietary iNDr Cooling System ensures protection from dust and easy maintenance.



We Save You Fuel
Achieving a Low-Carbon Society



iNDR Integrated Noise & Dust Reduction Cooling System

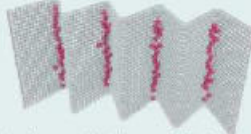
Visual Checking and Easy Cleaning

Because the iNDR filter removes dust from the intake air, cooling components stay dirt-free and do not require regular cleaning. The iNDR filter itself can be easily removed and cleaned without the use of tools.



iNDR Filter

The stainless-steel filter is extremely effective against dust, with 30-mesh wave-type screen that removes tiny dust particles from the intake air.



*30-mesh means that there are 30 holes formed by horizontal and vertical wires in every square inch of filter.

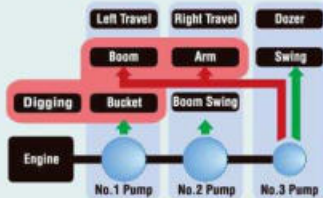
Protection from Dust and Easy Maintenance

The iNDR filter fitted in front of the cooling system ensures easy cleaning. The iNDR system on the SK35SR/SK50P features air intake at the front of the machine and air exhaust underneath. It functions in the same way as the iNDR System on the SR series machines.

Efficient Performance

Integrated-Flow Pump System

KOBELCO's IFPS utilizes three pumps to optimize performance, with the dozer pump providing additional digging power as needed.



Automatic Two-Speed Travel

Two-speed travel function automatically shifts into Low Mode when a load is applied.

Travel Switch

The travel lever is fitted with the travel switch for easy switching to H-Mode travel.



Dozer-Blade Shape

KOBELCO's unique blade design solves this problem by forming the earth into an arc that always falls forward.



Fuel Saving

Energy Conservation Mode

The SK35SR/SK50P adapts S mode which enables 25 % (23 %: SK50P) less fuel consumption compared with H mode.



SK35SR: **25%** less fuel consumption

SK50P: **23%** less fuel consumption

Comfortable Work Environment

Spacious Work Environment

Broader floor space and a greater sliding range for the seat give operators plenty of foot room. Wide operational space is provided with more room between the left and right control consoles.



Color Liquid Crystal Monitor (Optional)

The color crystal monitor is fitted as option. Operation data as well as the full range of machine-status data can readily be checked.



Operator Safety

Reliable Cab/Canopy Structure



TOPS and TOP GUARD LEVEL 1 (SK35SR)



ROPS and TOP GUARD LEVEL 1 (SK50P)



ROPS and TOP GUARD LEVEL 1 (SK50P)

Easy Daily Maintenance



Easy Access to Engine Compartment



High-grade fuel filter, Pre fuel filter with built-in water separator, Air cleaner



Easy Access to Cooling Unit



Easy Access to Component Under the Seat

Hour meter, Two-piece floor mats for easy washing

Reliable Construction



Bucket: Cast-iron idler link provide greater strength. Dozer: Box construction dozer supports provide greater strength.



Swing bracket: Large, thick cast-iron swing bracket/front bracket. Hydraulic piping: The hydraulic piping is housed inside the swing bracket.

Wide Working Range

A larger boom and arm are provided as standard equipment to ensure a wider working range.

Short Tail Swing

The compact tail swing improves operating efficiency in limited space.

Tail Overhang:
0 mm :SK35SR
190 mm :SK50P



Max. Digging Reach:
5,350 mm :SK35SR
5,980 mm :SK50P

