

LIFT CAPACITIES



A: Reach from swing centerline to arm top
B: Arm top height above/below ground
C: Lift point
Bucket: without Dozer blade: up
Relief valve settng: 23.0 MPa

SK30SR Canopy		Standard arm: 1.32 m, Bucket: without Shoe: 300 mm Steel shoe								
B	A	2.0 m		3.0 m		4.0 m		At Max. Reach		Radius
										
4.0 m	kg			760	610			730	580	3.08 m
3.0 m	kg			*760	610			470	370	3.97 m
2.0 m	kg			730	570	460	360	390	310	4.38 m
1.0 m	kg			670	520	430	340	360	290	4.48 m
G. L.	kg	1,230	890	640	490	420	330	380	300	4.29 m
-1.0 m	kg	1,250	910	640	490			460	360	3.77 m
-2.0 m	kg	*970	970					*650	*650	2.60 m

SK30SR Canopy		Long arm: 1.62 m, Bucket: without Shoe: 300 mm Steel shoe						
B	A	1.0 m	2.0 m	3.0 m	4.0 m	At Max. Reach		Radius
								
4.0 m	kg					580	460	3.52 m
3.0 m	kg					410	320	4.30 m
2.0 m	kg				740	580	460	4.68 m
1.0 m	kg				670	520	430	4.77 m
G. L.	kg		1,210	880	630	480	410	4.60 m
-1.0 m	kg	*1,660	1,220	890	620	470	410	4.12 m
-2.0 m	kg		1,270	930	650	500		3.14 m

SK30SR Cab		Standard arm: 1.32 m, Bucket: without Shoe: 300 mm Steel shoe								
B	A	1.0 m	2.0 m	3.0 m	4.0 m	At Max. Reach		Radius		
										
4.0 m	kg			800	640			760	610	3.08 m
3.0 m	kg							500	390	3.97 m
2.0 m	kg			770	600	480	380	410	330	4.38 m
1.0 m	kg			710	550	460	360	390	300	4.48 m
G. L.	kg		1,300	950	680	520	350	410	320	4.29 m
-1.0 m	kg	*2,050	*2,050	1,320	960	680	520	490	380	3.77 m
-2.0 m	kg			*970	*970			*650	*650	2.60 m

SK30SR Cab		Long arm: 1.62 m, Bucket: without Shoe: 300 mm Steel shoe										
B	A	1.0 m	2.0 m	3.0 m	4.0 m	At Max. Reach		Radius				
												
4.0 m	kg						610	490	3.52 m			
3.0 m	kg					500	400	430	340	4.30 m		
2.0 m	kg				780	610	480	380	370	4.68 m		
1.0 m	kg				710	550	460	360	350	270	4.77 m	
G. L.	kg			1,280	930	670	510	440	340	360	280	4.60 m
-1.0 m	kg	*1,660	*1,660	1,290	940	660	500	440	420	330	4.12 m	
-2.0 m	kg			1,340	980	690	530		640	500	3.14 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 defined as lift point.
 - The above lift capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Lift 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. 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.

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.

KOBELCO CONSTRUCTION EQUIPMENT INDIA PVT. LTD.

SERVSPACES 03, #202, 2ND FLOOR, D 586, SECTOR 3, NOIDA, 201301

Tel : +91-120-4079900 Fax : +91-120-4079999

www.kobelco-in.com

Inquiries To:

SK30SR/SK35SR-INDIA-101-1904000I

KOBELCO

SK30SR-6/SK35SR-6

■ Bucket Capacity:

0.12 m³ ISO heaped

■ Engine Power:

18.1 kW/2,400 min⁻¹ (ISO 14396)

■ Operating Weight:

3,570 kg (cab)/3,410 kg (canopy) – SK30SR

3,950 kg (cab)/3,780 kg (canopy) – SK35SR

SK30SR SK35SR

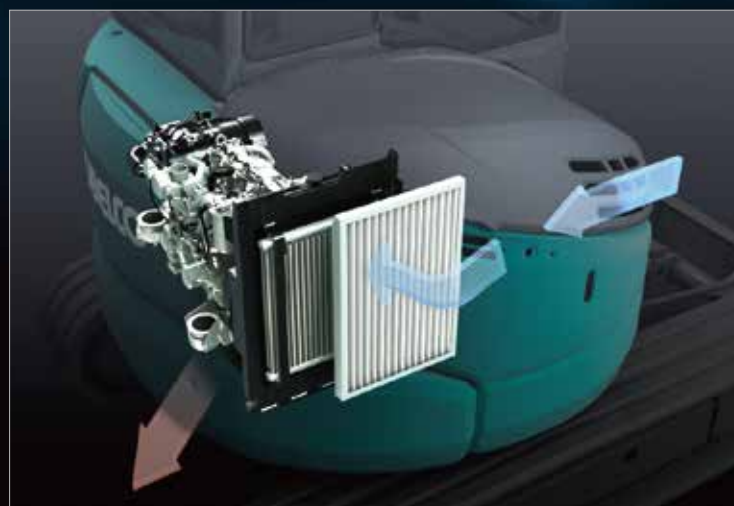


We Save You Fuel
Achieving a Low-Carbon Society

Full-Size Performance, Short-Radius Agility and Quiet Operation

COMPACT YET TOUGH MINI

The new KOBELCO SK30SR and SK35SR expand the horizons of mini excavators, and offer practical performance benefits while maintaining a short tail swing. The new Energy Conservation S-mode saves even more fuel, and Kobelco's proprietary iNDr Cooling System ensures quiet operation, protection from dust, and easy maintenance. For greater operator comfort and safety, the spacious canopy design offers plenty of room and an unobstructed view. It all adds up to a highly productive performance, short-radius agility and a low-noise environment, with exceptional performance advantages and a full range of value-added functions.

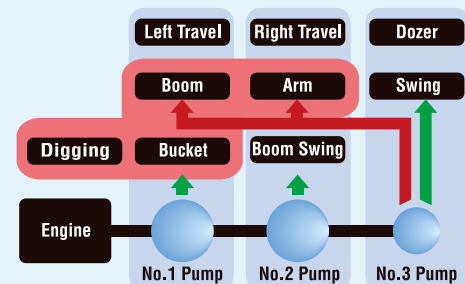


PERFORMANCE

Fuel Economy and 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.



Energy Conservation Mode

The SK30SR/SK35SR adapts S mode which enables further less fuel consumption compared with H mode.

Further less fuel consumption



Wide Working Range

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

Max. Digging Reach:

5,200 mm (SK30SR)

5,350 mm (SK35SR)



Automatic Two-Speed Travel

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

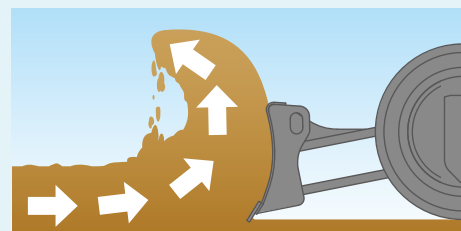
Travel Switch

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.



Short Tail Swing

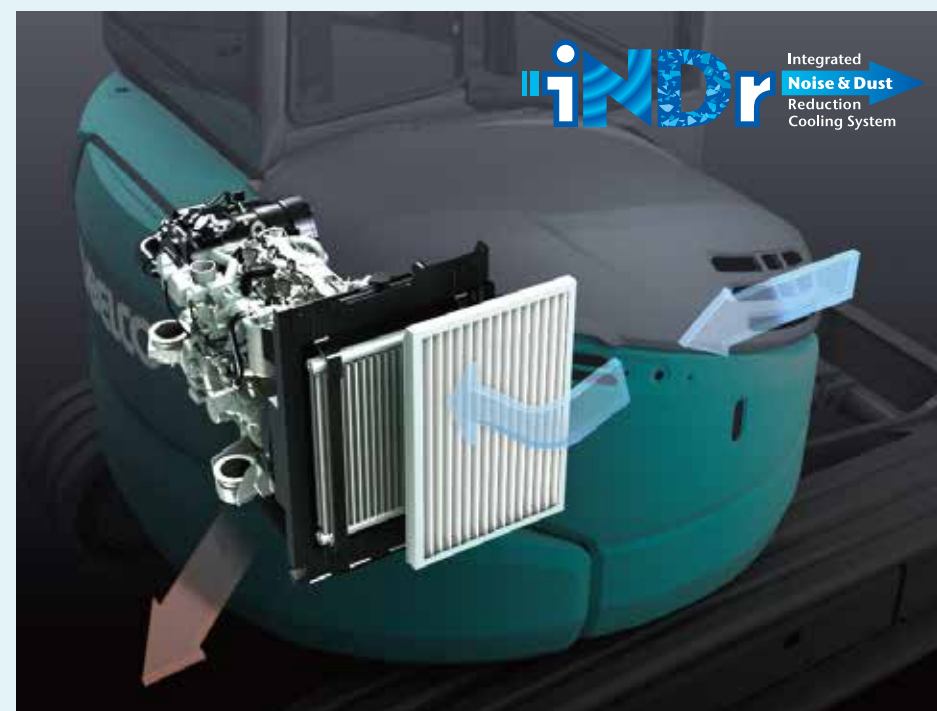
The compact tail swing improves operating efficiency in limited space.

Tail Overhang: **0 mm**



ENVIRONMENT

iNDR Cooling System



Protection from Dust and Easy Maintenance

The iNDR filter fitted in front of the cooling system ensures easy cleaning. The iNDR system on the SK30SR/SK35SR features air intake at the front of the machine and air exhaust underneath.

Visual Checking and Easy Cleaning

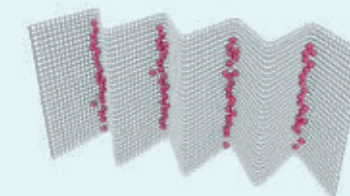
Because the iNDR filter removes dust from the intake air, cooling components stay dirt-free and do not require regular cleaning. The iNDR filter itself can be easily



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.

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 Canopy Structure

TOPS and GUARD LEVEL 1

*Cab specification is optional



MAINTENANCE

Easy Daily Maintenance

Easy Access to Engine Compartment



High-grade fuel filter



Pre fuel filter with built-in water separator

Easy Access to Component Under the Seat



Hour meter



Two-piece floor mats for easy washing

Easy Access to Cooling Unit



iNDr filter



Air cleaner

RELIABILITY

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.

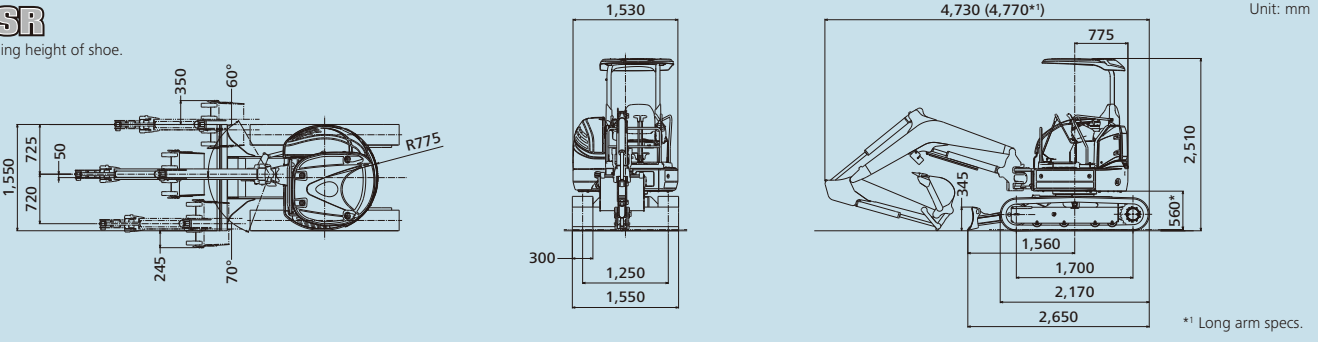


Hydraulic piping
The hydraulic piping is housed inside the swing bracket.

DIMENSIONS

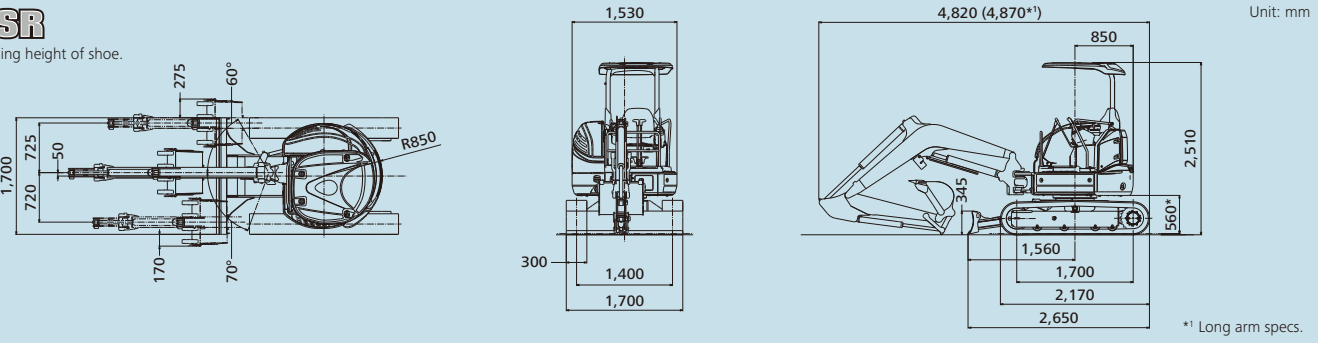
SK30SR

*Without including height of shoe.



SK35SR

*Without including height of shoe.



SPECIFICATIONS

SK30SR

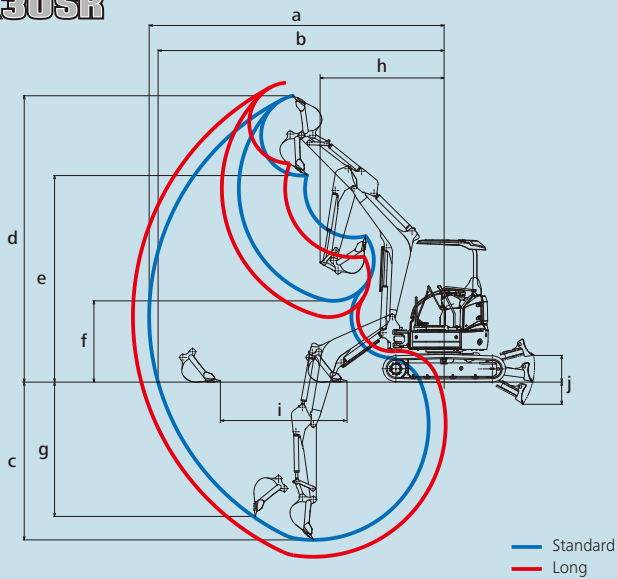
MODEL			SK30SR	
Type			SK30SR-6	
Arm			Standard arm	Long arm
Operating Weight	Cab	kg	3,500	3,520
	Canopy	kg	3,340	3,360
Bucket Capacity		m³	0.12	0.12
Bucket Width		mm	700	
Arm Length		m	1.32	1.62
Bucket Digging Force		kN	27.7	27.7
Arm Crowding Force		kN	19.1	16.5
ENGINE				
Model			YANMAR 3TNV82A-B	
Type			Water cooled, 4-cycle, 3-cylinder, direct injection, diesel engine	
Power Output	(ISO 14396)	kW/min ⁻¹	18.1/2,400	
Max. Torque	(ISO 14396)	N·m/min ⁻¹	79.4/1,440	
Displacement		L	1.331	
Fuel Tank		L	42.0	
HYDRAULIC SYSTEM				
Pump			Two variable displacement pumps + one gear pump	
Max. Discharge Flow		L/min	2 x 38.4, 1 x 19.2	
Relief Valve Setting		MPa	23.0	
Hydraulic Oil Tank (system)		L	20.4 (44.8)	
TRAVEL SYSTEM				
Travel Motors			2 x axial-piston, two-step motors	
Parking Brake			Oil disc brake per motor	
Travel Speed (high/low)		km/h	4.2/2.5	
Gradeability		% (degree)	58 (30)	
Drawbar Pulling Force	Cab	kN	39.6	
	Canopy	kN	39.7	
CRAWLER				
Shoe			Steel shoe	
Ground Pressure	Cab	kPa	31.3	31.5
	Canopy	kPa	29.9	30.1
SWING SYSTEM				
Swing Motor			Axial piston motor	
Parking Brake			Oil disc brake	
Swing Speed		min ⁻¹	8.4	
SIDE DIGGING MECHANISM				
Type			Boom swing	

SK35SR

MODEL			SK35SR	
Type			SK35SR-6	
Arm			Standard arm	Long arm
Operating Weight	Cab	kg	3,870	3,890
	Canopy	kg	3,710	3,730
Bucket Capacity		m³	0.12	0.12
Bucket Width		mm	700	
Arm Length		m	1.37	1.67
Bucket Digging Force		kN	27.8	27.8
Arm Crowding Force		kN	22.4	19.5
ENGINE				
Model			YANMAR 3TNV82A-B	
Type			Water cooled, 4-cycle, 3-cylinder, direct injection, diesel engine	
Power Output (ISO 14396)	kW/min ⁻¹		18.1/2,400	
Max. Torque (ISO 14396)	N·m/min ⁻¹		79.4/1,440	
Displacement	L		1.331	
Fuel Tank	L		42.0	
HYDRAULIC SYSTEM				
Pump			Two variable displacement pumps + one gear pump	
Max. Discharge Flow	L/min		2 x 38.4, 1 x 19.2	
Relief Valve Setting	MPa		23.0	
Hydraulic Oil Tank (system)	L		20.4 (44.8)	
TRAVEL SYSTEM				
Travel Motors			2 x axial-piston, two-step motors	
Parking Brake			Oil disc brake per motor	
Travel Speed (high/low)	km/h		4.2/2.5	
Gradeability	% (degree)		58 (30)	
Drawbar Pulling Force	Cab	kN	39.3	
	Canopy	kN	39.4	
CRAWLER				
Shoe			Steel shoe	
Ground Pressure	Cab	kPa	34.6	34.8
	Canopy	kPa	33.2	33.3
SWING SYSTEM				
Swing Motor			Axial piston motor	
Parking Brake			Oil disc brake	
Swing Speed	min ⁻¹		8.4	
SIDE DIGGING MECHANISM				
Type			Boom swing	

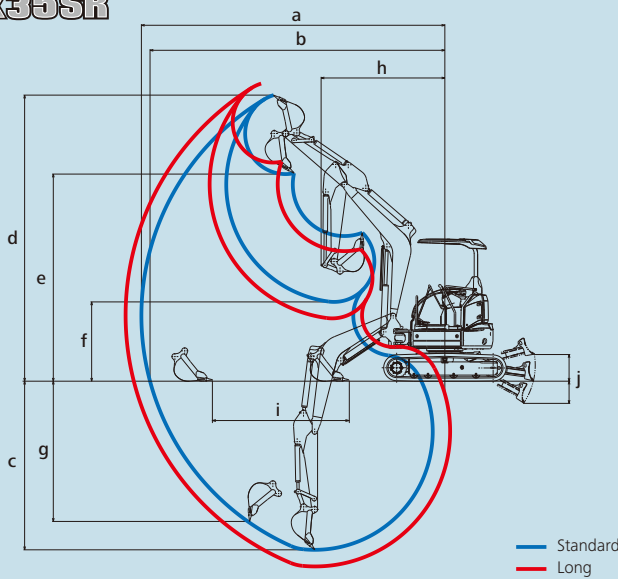
WORKING RANGES

SK30SR



Arm length	Canopy		Cab	
	STD 1.32 m	Long 1.62 m	STD 1.32 m	Long 1.62 m
a-Max. digging reach	5,200	5,490	5,200	5,490
b-Max. digging reach at ground level	5,040	5,340	5,040	5,340
c-Max. digging depth	2,800	3,080	2,820	3,130
d-Max. digging height	5,050	5,280	4,800	5,000
e-Max. dumping clearance	3,640	3,860	3,420	3,600
f-Min. dumping clearance	1,430	1,140	1,300	995
g-Max. vertical wall digging depth	2,370	2,840	2,360	2,860
h-Min. swing radius at boom swing (left side)	2,190	2,270	2,300	2,340
i-Horizontal digging stroke at ground level	2,230	2,640	2,230	2,640
j-Dozer blade (height/depth)	470/400		470/400	

SK35SR



Arm length	Canopy		Cab	
	STD 1.37 m	Long 1.67 m	STD 1.37 m	Long 1.67 m
a-Max. digging reach	5,350	5,640	5,350	5,640
b-Max. digging reach at ground level	5,200	5,490	5,200	5,490
c-Max. digging depth	2,970	3,270	3,050	3,350
d-Max. digging height	5,040	5,240	4,870	5,050
e-Max. dumping clearance	3,650	3,850	3,490	3,670
f-Min. dumping clearance	1,400	1,100	1,310	1,010
g-Max. vertical wall digging depth	2,470	2,760	2,470	2,760
h-Min. swing radius at boom swing (left side)	2,150	2,220	2,320	2,330
i-Horizontal digging stroke at ground level	2,400	2,860	2,400	2,860
j-Dozer blade (height/depth)	470/400		470/400	