

KOBELCO

SK28SR-6
MINI EXCAVATOR

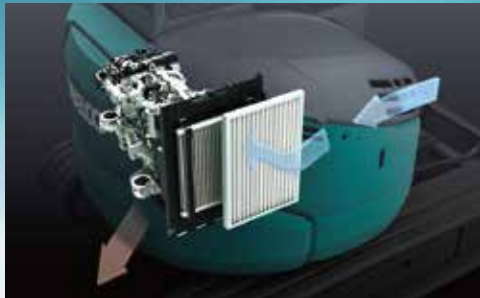
SK28SR

Redesigned SR Series Mini to Reduce Fuel Consumption and Noise

Now KOBELCO has taken the next evolutionary step by packing even more digging power and practical performance features into the SR series mini excavators while maintaining a short tail swing. The new Energy Conservation Mode saves even more fuel, and KOBELCO's proprietary iNDr Cooling System ensures quiet operation, protection from dust, and easy maintenance. It all adds up to enhanced full size performance, short-radius agility and a low-noise environment, with exceptional performance features and full range of value-added functions.



The highly airtight engine compartment and the offset duct contribute to noise reduction. The iNDr filter fitted in front of the cooling system ensures easy cleaning. The iNDr system on the SR series mini excavators 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.



iNDr Filter

The high-performance iNDr filter removes dust from intake air.



Spacious Work Environment



ROPS Cab



We Save You Fuel
Achieving a Low-Carbon Society

Color Multi Display

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



Maintenance



Working hours

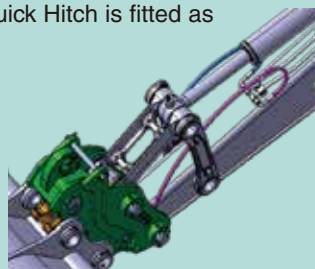
Energy Conservation Mode

The SR Series mini excavators adapt S Mode which enables 25 % less fuel consumption compared with H mode.



Easy Hydraulic Piping for Quick Hitch

Piping for Quick Hitch is fitted as option.



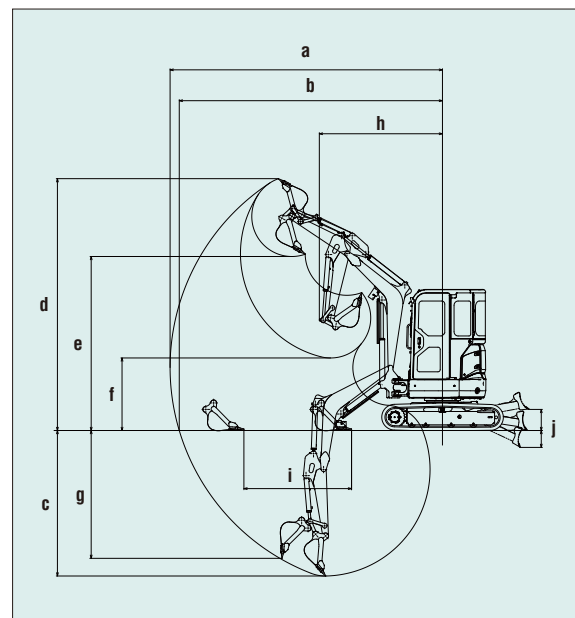
SPECIFICATIONS

MODEL				SK28SR
Type				SK28SR-6
Bucket Capacity		m ³		0.08
Bucket Width		mm		500
Swing Speed		min ⁻¹		8.4
Travel Speed (high/low)		km/h		3.8/2.1
Gradeability		% (degree)		58 (30)
Bucket Digging Force		kN		24.7
Arm Crowding Force		kN		16.6
Drawbar Pulling Force	Cab	kN		34.8
	Canopy	kN		34.9
WEIGHT				
Machine Mass	Cab	kg		2,950
	Canopy	kg		2,800
Ground Pressure	Cab	kPa		26.3
	Canopy	kPa		24.9
SHOE				
Shoe				Rubber
Shoe Width		mm		300
ENGINE				
Model				YANMAR 3TNV82A-B
Type				Water cooled, 4-cycle, 3-cylinder, direct injection, diesel engine
Power Output	(ISO 9249)	kW/min ⁻¹		17.1/2,400
	(ISO 14396)	kW/min ⁻¹		18.1/2,400
Max.Torque	(ISO 9249)	N-m/min ⁻¹		77.7/1,440
	(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 28.8
Relief Valve Setting		MPa		23.0
Swing Motor				Axial piston motor
Travel Motors				2 x axial-piston, two-step motors
Hydraulic Oil Tank (system)		L		20.4 (41.1)
DOZER BLADE				
Width x Height		mm		1,550 x 345
Working Ranges (height/depth)		mm		375/300
SIDE DIGGING MECHANISM				
Type				Boom swing
Offset Angle	to the left	degree		60
	to the right	degree		55

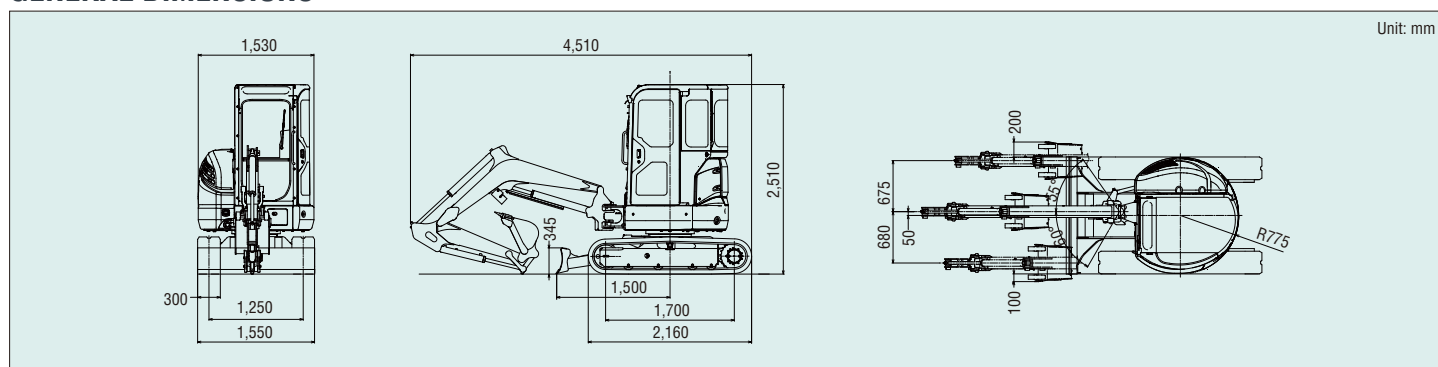
WORKING RANGES

Unit: mm

MODEL	SK28SR
Arm length	1.18 m
a- Max. digging reach	4,840
b- Max. digging reach at ground level	4,680
c- Max. digging depth	2,590
d- Max. digging height	4,480
e- Max. dumping clearance	3,090
f- Min. dumping clearance	1,290
g- Max. vertical wall digging depth	2,270
h- Min. swing radius	2,190
i- Horizontal digging stroke at ground level	1,910
j- Dozer blade (height/depth)	375/300



GENERAL DIMENSIONS



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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