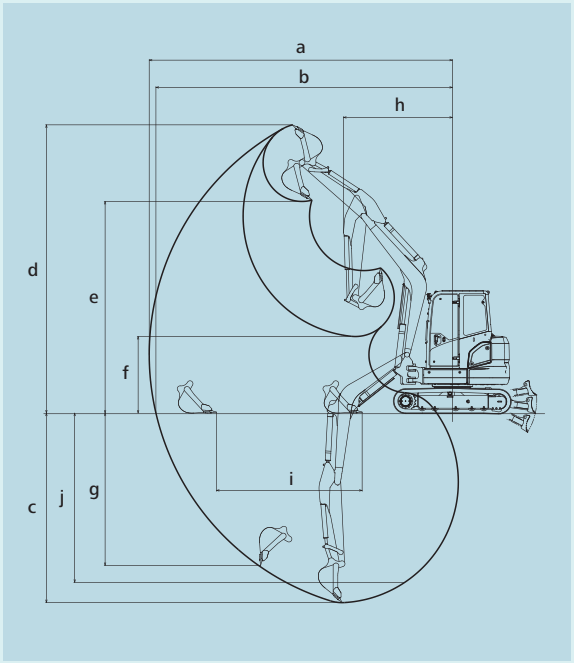
SPECIFICATIONS

GENERAL				
MODEL			**SK55SRX**	
Type			**SK55SRX-6**	
Crawler Shoe			Rubber	Steel
Machine Mass	Cab	kg	5,020	5,160
	Canopy	kg	4,900	5,040
Bucket Capacity		m^3	0.16	
Bucket Width (with side cutter)		mm	600	
Arm Length		m	1.69	
Bucket Digging Force		kN	35.2	
Arm Crowding Force		kN	24.6	
ENGINE				
Model			YANMAR 4TNV88-B	
Type			Water cooled, 4-cycle, 4-cylinder, direct injection, diesel engine	
Power Output	(ISO 9249)	kW/min^{-1}	28.3/2,400	
	(ISO 14396)	kW/min^{-1}	29.5/2,400	
Max. Torque	(ISO 9249)	$N{\cdot}m/min^{-1}$	131.1/1,440	
	(ISO 14396)	$N{\cdot}m/min^{-1}$	132.9/1,400	
Displacement		L	2.189	
Fuel Tank		L	75	
HYDRAULIC SYSTEM				
Pump			Two variable displacement pumps + one gear pump	
Max. Discharge Flow		L/min	2 x 49.9, 1 x 33.8	
Relief Valve Setting		MPa	23.0	
Hydraulic Oil Tank (system)		L	27.9 (57.7)	
TRAVEL SYSTEM				
Travel Motors			2 x axial-piston, two-step motors	
Parking Brake			Oil disc brake per motor	
Travel Speed (high/low)		km/h	4.0/2.3	3.7/2.1
Gradeability		% (degree)	58 (30)	
Drawbar Pulling Force		kN	54.9	59.1
CRAWLER				
Shoe Width		mm	400	
Ground Pressure	Cab	kPa	28.7	30.4
	Canopy	kPa	28	29.7
DOZER BLADE				
Width x Height		mm	1,960 x 345	
Working Ranges (height/depth)		mm	375 x 385	
SWING SYSTEM				
Swing Motor			Axial piston motor	
Parking Brake			Oil disc brake, hydraulic operated automatically	
Swing Speed		min^{-1}	8.8	

WORKING RANGES

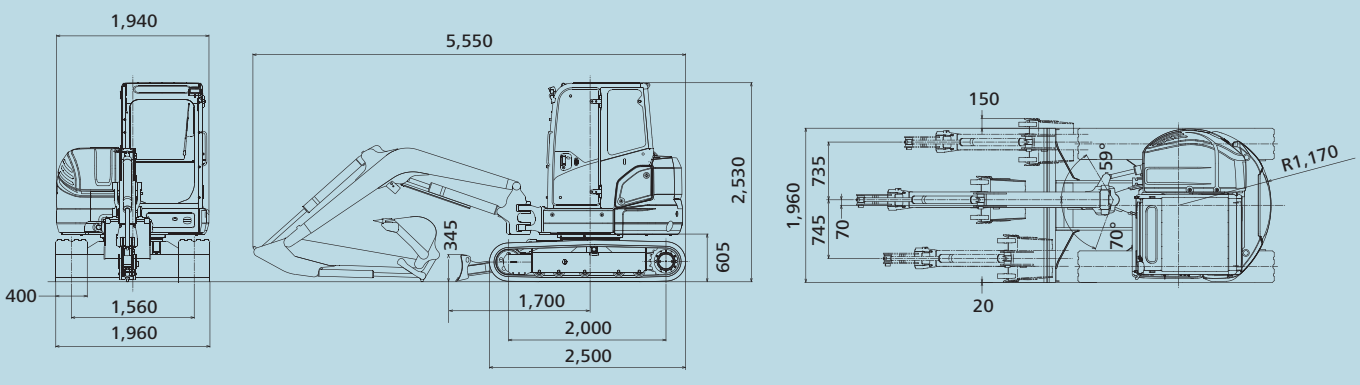


Unit: mm

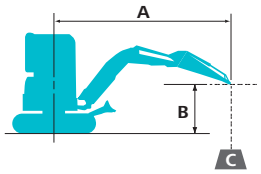
MODEL	SK55SRX
Arm length	**1.69 m**
a- Max. digging reach	6,240
b- Max. digging reach at ground level	6,100
c- Max. digging depth	3,900
d- Max. digging height	5,930
e- Max. dumping clearance	4,350
f- Min. dumping clearance	1,580
g- Max. vertical wall digging depth	3,140
h- Min. swing radius at boom swing	2,250 1,850
i- Horizontal digging stroke at ground level	3,000
j- Digging depth for 2.4 m (8') flat bottom	3,480

GENERAL DIMENSIONS

Unit: mm



LIFTING CAPACITIES



Rating over front

Rating over side or 360 degrees

A: Reach from swing centerline to arm top
B: Arm top height above/below ground
C: Lifting capacities in kilograms
Shoe: Rubber shoe Dozer blade: Up
Relief valve setting: 23.0 MPa

SK55SRX Cab		Standard Arm: 1.69 m, Bucket: Without Rubber shoe: 400 mm												
A / B		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		At Max. Reach		Radius
5.0 m	kg											*1,030	*1,030	3.38 m
4.0 m	kg							*930	*930			960	810	4.47 m
3.0 m	kg							*1,000	970	800	670	780	660	5.07 m
2.0 m	kg					*1,620	1,430	1,110	930	790	660	700	590	5.37 m
1.0 m	kg					1,640	1,320	1,060	880	770	640	680	570	5.43 m
G. L.	kg			*1,240	*1,240	1,590	1,280	1,030	850	750	630	700	580	5.27 m
-1.0 m	kg	*2,070	*2,070	*2,570	2,490	1,580	1,270	1,020	840			780	650	4.85 m
-2.0 m	kg	*3,200	*3,200	*3,370	2,540	1,610	1,290	1,040	860			1,010	840	4.09 m
-3.0 m	kg			*1,590	*1,590							*1,190	*1,190	2.52 m

SK55SRX Canopy		Standard Arm: 1.69 m, Bucket: Without Rubber shoe: 400 mm												
A / B		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		At Max. Reach		Radius
5.0 m	kg											*1,030	*1,030	3.38 m
4.0 m	kg							*930	*930			940	790	4.47 m
3.0 m	kg							*1,000	940	780	650	760	640	5.07 m
2.0 m	kg					*1,620	1,390	1,080	900	760	640	680	570	5.37 m
1.0 m	kg					1,590	1,280	1,030	860	740	620	660	550	5.43 m
G. L.	kg			*1,240	*1,240	1,540	1,240	1,000	830	730	610	680	570	5.27 m
-1.0 m	kg	*2,070	*2,070	*2,570	2,420	1,530	1,230	990	820			760	630	4.85 m
-2.0 m	kg	*3,200	*3,200	3,300	2,470	1,560	1,260	1,010	840			980	810	4.09 m
-3.0 m	kg			*1,590	*1,590							*1,190	*1,190	2.52 m

Notes:

1. 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.
2. 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.
3. Arm top defined as lift point.
4. The above lifting capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Lifting capacities marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
5. 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.
6. 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.

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