

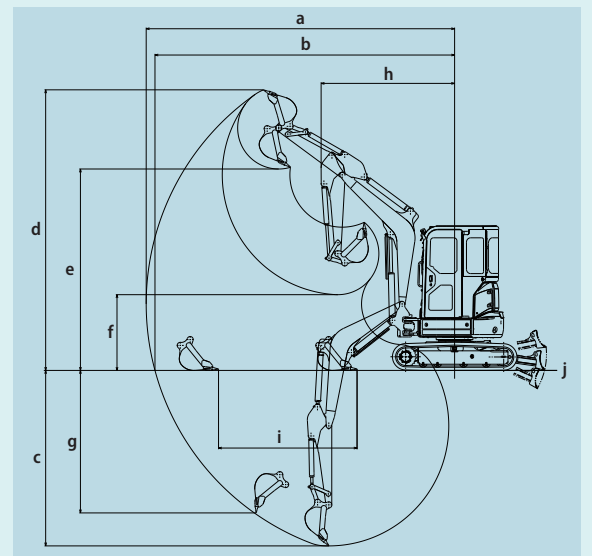
SPECIFICATIONS

MODEL		SK28SR	SK30SR	SK35SR
Type		SK28SR-6	SK30SR-6	SK35SR-6
Machine Mass	Cab	kg	2,950	3,380
	Canopy	kg	2,800	3,220
Bucket Capacity		m ³	0.08	0.09
Bucket Width (with side cutter)		mm	500	500
Arm Length		mm	1.18	1.32
Bucket Digging Force		kN	24.7	27.7
Arm Crowding Force		kN	16.6	19.1
ENGINE				
Model				
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, 1 x 16.1	2 x 38.4, 1 x 19.2
Relief Valve Setting		MPa	23.0	
Hydraulic Oil Tank (system)		L	20.4 (41.1)	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	3.8/2.1	4.4/2.5
Gradeability		% (degree)	58 (30)	
Drawbar Pulling Force	Cab	kN	34.8	38.3
	Canopy	kN	34.9	38.4
CRAWLER				
Shoe				
Rubber				
Shoe Width		mm	300	
Ground Pressure	Cab	kPa	26.3	30.1
	Canopy	kPa	24.9	28.7
DOZER BLADE				
Width x Height		mm	1,550 x 345	1,550 x 345
Working Ranges (height/depth)		mm	375/300	395/320
SWING SYSTEM				
Swing Motor				
Axial piston motor				
Parking Brake				
Oil disc brake, hydraulic operated automatically				
Swing Speed		min ⁻¹	8.4	

WORKING RANGES

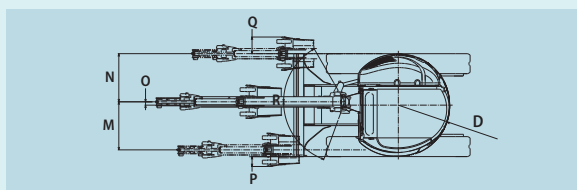
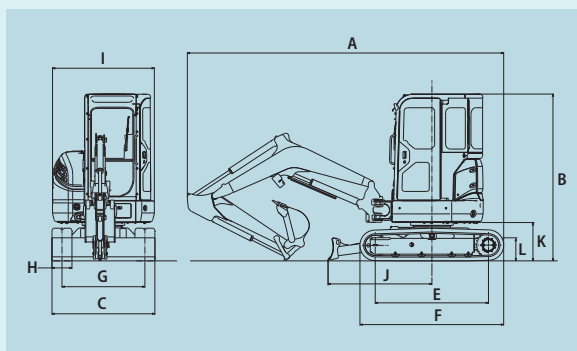
Unit: mm

MODEL	SK28SR	SK30SR	SK35SR		
		Cab	Canopy	Cab	Canopy
Arm length	1.18 m	1.32 m		1.37 m	
a- Max. digging reach	4,840	5,200		5,350	
b- Max. digging reach at ground level	4,680	5,040		5,200	
c- Max. digging depth	2,590	2,820	2,800	3,050	2,970
d- Max. digging height	4,480	4,800	5,050	4,870	5,040
e- Max. dumping clearance	3,090	3,420	3,640	3,490	3,650
f- Min. dumping clearance	1,290	1,300	1,430	1,310	1,400
g- Max. vertical wall digging depth	2,270	2,370		2,470	
h- Min. swing radius at boom swing	2,190	2,300	2,190	2,320	2,150
	1,900	1,910	1,890	1,930	1,880
i- Horizontal digging stroke at ground level	1,910	2,230		2,400	
j- Dozer blade (height/depth)	450/370	470/400		470/400	



GENERAL DIMENSIONS

Unit: mm



MODEL	SK28SR	SK30SR	SK35SR
A Overall length	4,510	4,730	4,820
B Overall height	2,510	2,510	2,510
C Overall width	1,550	1,550	1,700
D Tail swing radius	775	775	850
E Tumbler distance	1,700	1,700	1,700
F Overall length of crawler	2,160	2,160	2,160
G Track gauge	1,250	1,250	1,400
H Shoe width	300	300	300
I Overall width of upperstructure	1,530	1,530	1,530
J Distance from dozer top to center of upperstructure	1,500	1,560	1,560
K Ground clearance of rear end	570	570	570
L Ground clearance	300	300	300

MODEL	SK28SR	SK30SR	SK35SR
M Offset volume (Left)	680	720	720
N Offset volume (Right)	675	725	725
O Offset volume between center of boom and center of machine	50	50	50
P Digging volume at outside of shoe (Left)	100	150	120
Q Digging volume at outside of shoe (Right)	200	250	225
R Boom swing angle (Left/Right)	60°/55°	70°/60°	70°/60°

OPTIONAL EQUIPMENT

• N&B (foot) piping + Rotating (HCP*) piping	• Bolt-on Pad shoes (for steel shoes)	• Rear view mirror
• N&B (HCP*) piping + Rotating (HCP*) piping	• Add-on counterweight (250 kg) + 90 mm tail swing radius	• Rear under mirror
• Color Multi display	• Boom & arm holding valve + hook	• Arm & bucket cylinder cover
• Long arm (+300 mm)	• Additional light for canopy	• Front guard
• Steel shoe	• Travel alarm	• Piping for Quick Hitch

*Hand Control Proportional

