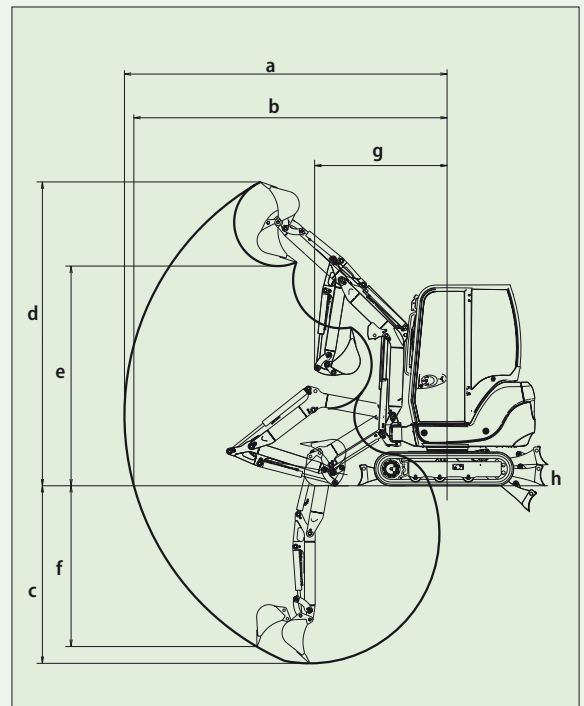


## Specifications

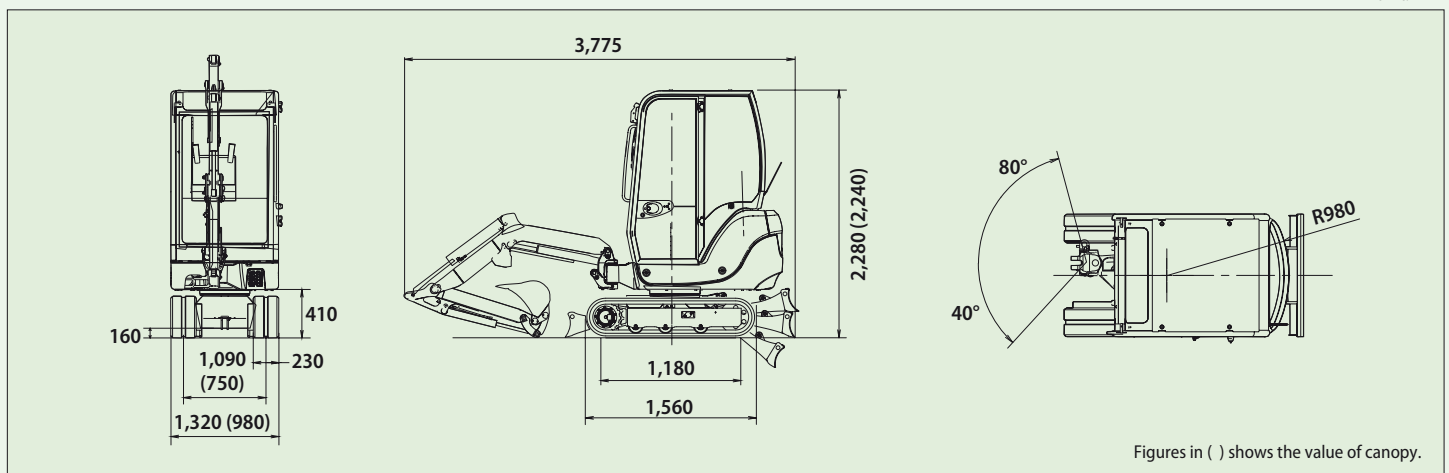
GENERAL			
MODEL		SK18	
Type		SK18	
PERFORMANCE			
Shoe Type		Rubber	
Bucket Capacity		m <sup>3</sup>	
Travel Speed (high/low)		km/h	
Swing Speed		min <sup>-1</sup> {rpm}	
Gradeability		% (degree)	
Traction Force		kN	
Bucket Digging Force		kN	
Arm Crowding Force		kN	
WEIGHT			
Machine Mass	Cab	kg	1,900
	Canopy	kg	1,760
Ground Pressure	Cab	kPa	31.4
	Canopy	kPa	28.5
ENGINE			
Model		YANMAR 3TNV70-VBVA2	
Type		Water cooled	
Power Output NET	(ISO9249)	kW/min <sup>-1</sup> {rpm}	9.5/2,100
	(ISO14396)	kW/min <sup>-1</sup> {rpm}	9.9/2,100
Max. Torque NET	(ISO9249)	N·m/min <sup>-1</sup> {rpm}	49.3/1,500
Displacement		L	0.854
Fuel Tank		L	24.5
HYDRAULIC SYSTEM			
Pump		Variable pump	
Max. Discharge Flow		L/min	48.3
Relief Valve Setting		MPa	20.0
Hydraulic Oil Tank (system)		L	20 (28.5)
DOZER BLADE			
Width x Height		mm	980/1,320 x 230
Working Ranges (height/depth)		mm	240/300
SIDE DIGGING MECHANISM			
Type		Boom swing	
Offset Angle	To the left	degree	40
	To the right	degree	80

## Working Ranges



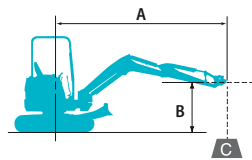
MODEL		SK18	Unit: mm
a-	Max. digging reach	4,040	
b-	Max. digging reach at ground level	3,950	
c-	Max. digging depth	2,420	
d-	Max. digging height	3,760	
e-	Max. dumping clearance	2,740	
f-	Max. vertical wall digging depth	2,140	
g-	Min. swing radius	1,540	
	Min. swing radius at boom swing	1,340	
h-	Dozer blade (height/depth)	240/300	

## General Dimensions



Figures in ( ) shows the value of canopy.

## 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: 20.0 MPa

### CAB

SK18		Arm: Standard    Bucket: Without    Shoe: 230 mm										
A	B	1.5 m		2.0 m		2.5 m		3.0 m		At Max. Reach		Radius
												
2.5 m	kg							*260	*265	*270	*275	3.1 m
2.0 m	kg					*220	*255	*260	*265	*275	*285	3.3 m
1.5 m	kg			*310	*360	*295	*310	*280	*295	*280	*290	3.5 m
1.0 m	kg			*455	*500	*350	*375	*305	*325	*295	*295	3.5 m
0.5 m	kg			*560	*600	*410	*440	*330	*350	*295	*300	3.5 m
G. L.	kg	*725	*840	*600	*610	385	*470	*365	*365	*310	*310	3.4 m
0.5 m	kg	*685	*780	470	*600	355	*400	*350	*350	*315	*325	3.3 m
-1.0 m	kg	*915	*830	480	*590	*425	*440			*330	*340	3.0 m
-1.5 m	kg	*775	*720	*495	*495					*345	*335	2.5 m

### CANOPY

SK18		Arm: Standard    Bucket: Without    Shoe: 230 mm										
		1.5 m		2.0 m		2.5 m		3.0 m		At Max. Reach		Radius
												
2.5 m	kg							*260	*265	*270	*275	3.1 m
2.0 m	kg					*220	*255	*260	*265	*275	*285	3.3 m
1.5 m	kg			*310	*360	*295	*310	*280	*295	*280	*290	3.5 m
1.0 m	kg			*455	*500	*350	*375	*305	*325	235	*295	3.5 m
0.5 m	kg			*560	*600	*410	*440	*330	*350	235	*300	3.5 m
G. L.	kg	*725	*840	475	550	350	*470	275	*365	235	265	3.4 m
0.5 m	kg	685	780	485	540	355	400	280	315	255	*325	3.3 m
-1.0 m	kg	*915	*830	460	525	350	*440			280	*340	3.0 m
-1.5 m	kg	*775	*720	*495	*495					*345	*335	2.5 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 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.
- Arm top defined as lift point.

- 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.
- 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. Specialist equipment is needed to use this machine in demolition work. Before using it please contact your KOBELCO dealer.

Due to our policy of continuous product improvements all designs and specifications are subject to change without advance notice.

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