

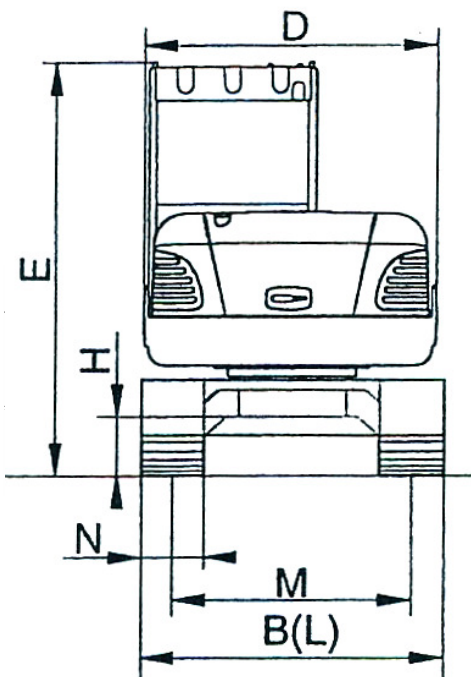
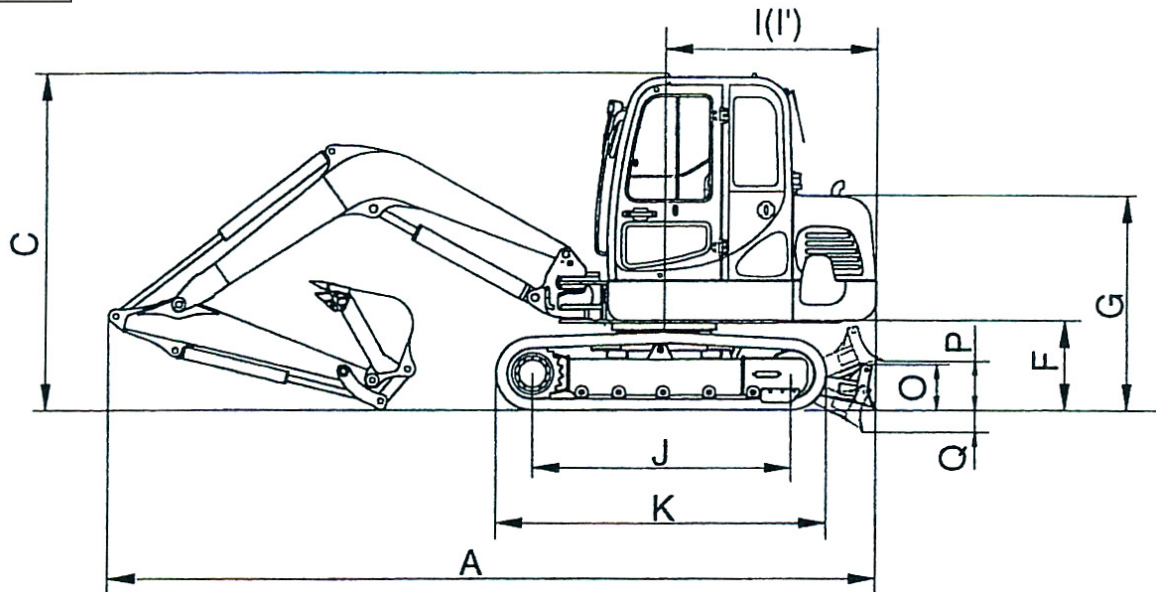
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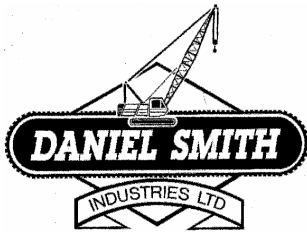
Robex 55-7



Specifications



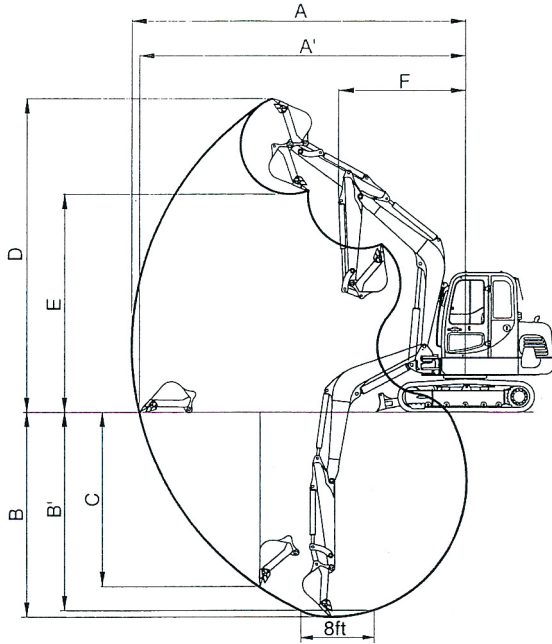
Description	Unit	Specification
Operating weight	kg(lb)	5700(12570)
Bucket capacity(SAE heaped), standard	m ³ (yd ³)	0.18(0.24)
Overall length	A	5900(19' 4")
Overall width, with 400mm shoe	B	1920(6' 4")
Overall height	C	2500(8' 4")
Superstructure width	D	1830(6' 0")
Overall height of cab	E	2550(8' 4")
Ground clearance of counterweight	F	690(2' 3")
Engine cover height	G	1650(5' 5")
Minimum ground clearance	H	380(1' 3")
Rear-end distance	I	1640(5' 5")
Rear-end swing radius	I'	1650(5' 5")
Distance between tumbler	J	1990(6' 6")
Undercarriage length	K	2530(8' 4")
Undercarriage width	L	1900(6' 3")
Track gauge	M	1500(4'11")
Track shoe width, standard	N	400(16")
Height of blade	O	350(1' 2")
Ground clearance of blade up	P	420(1' 5")
Depth of blade down	Q	440(1' 5")
Travel speed(Low/high)	km/hr(mph)	2.2/4.1(1.4/2.5)
Swing speed	rpm	9.6
Gradeability	Degree(%)	35(70)
Ground pressure(400mm shoe)	kg/cm ² (psi)	0.33(4.69)



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HYUNDAI Robex 55-7

Working Ranges



Description		1.6m(5' 3") Arm
Max digging reach	A	6150mm (20' 2")
Max digging reach on ground	A'	6010mm (19' 9")
Max digging depth	B	3820mm (12' 6")
Max digging depth (8ft level)	B'	3420mm (11' 3")
Max vertical wall digging depth	C	3200mm (10' 6")
Max digging height	D	5780mm (18'12")
Max dumping height	E	4050mm (13' 3")
Min swing radius	F	2350mm (7' 9")
Boom swing radius(left/right)		80°/50°
Bucket digging force	SAE	37.7 kN
		3850 kgf
	ISO	8490 lbf
		42.4 kN
Arm crowd force	SAE	4330 kgf
		9550 lbf
	ISO	28.4 kN
		2900 kgf
		6390 lbf
		31.9 kN
		3260 kgf
		7190 lbf

Lifting Capacities

- : Rating over-front
- : Rating over-side or 360 degree

Load point height		Load radius								At max. reach		
		2.0m(5ft)		3.0m(10ft)		4.0m(15ft)		5.0m(15ft)		Capacity		Reach m(ft)
5.0m (15ft)	kg lb									*950 *2090	*950 *2090	4.08 (13.4)
4.0m (15ft)	kg lb					*990 *2180	*990 *2180			*970 *2140	770 1700	5.04 (16.5)
3.0m (10ft)	kg lb					*1070 *2360	*1070 *2360			*1000 *2200	630 1390	5.57 (18.3)
2.0m (5ft)	kg lb	*2950 *6500	*2950 *6500	*1660 *3660	*1660 *3660	*1300 *2870	1070 2360	*1150 *2540	740 1630	*1050 *2310	570 1260	5.81 (19.1)
1.0m (5ft)	kg lb			*2320 *5110	1580 3480	*1580 *3480	1020 2250	*1260 *2780	710 1570	*1090 *2400	560 1230	5.82 (19.1)
Ground Line	kg lb	*2330 *5140	*2330 *5140	*2670 *5890	1510 3330	*1770 *3900	980 2160	*1340 *2950	690 1520	*1140 *2510	590 1300	5.60 (18.4)
-1.0m (-5ft)	kg lb	*3560 *7850	2980 6570	*2660 *5860	1490 3280	*1790 *3950	960 2120			*1170 *2580	680 1500	5.11 (16.8)
-2.0m (-5ft)	kg lb	*3780 *8330	3020 6660	*2300 *5070	1510 3330					*1140 *2510	940 2070	4.21 (13.8)
-3.0m (-10ft)	kg lb	*2100 *4630	*2100 *4630									

- Note
1. Lifting capacity are based on SAE J1097 and ISO 10567.
 2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
 3. The load point is a hook located on the back of the bucket.
 4. *indicates load limited by hydraulic capacity.