

TECHNICAL SPECIFICATIONS

COMPONENT WEIGHTS (KG)

Item	DX27Z-7		DX35Z-7		Remarks
	STD	OPT	STD	OPT	
Upper structure without front (cab/canopy)	1448	1528	1603		Without counterweight
Counterweight	146		630		
Additional counterweight	60		100		
Lower structure assembly	886		1117		Rubber
Front assembly	316	369	492	499	
Boom assembly	96		145		
Arm assembly	53	54	100	107	
Bucket	49.6	58	86		
Boom cylinder	22	22.5	30		
Arm cylinder	21	21.5	31.5		
Bucket cylinder	15.7		24		
Dozer	92		184		
Dozer cylinder	16		16		

DIGGING FORCES (ISO) – ARM TEAROUT FORCE

	Boom (m)	Arm (m)	Arm tearout force (kN)	Arm tearout force (kg)
DX27Z-7	2.09	1.3	12.7	1300
		1.1	14.2	1450
DX35Z-7	2.54	1.5	19.1	1950
		1.33	20.8	2120

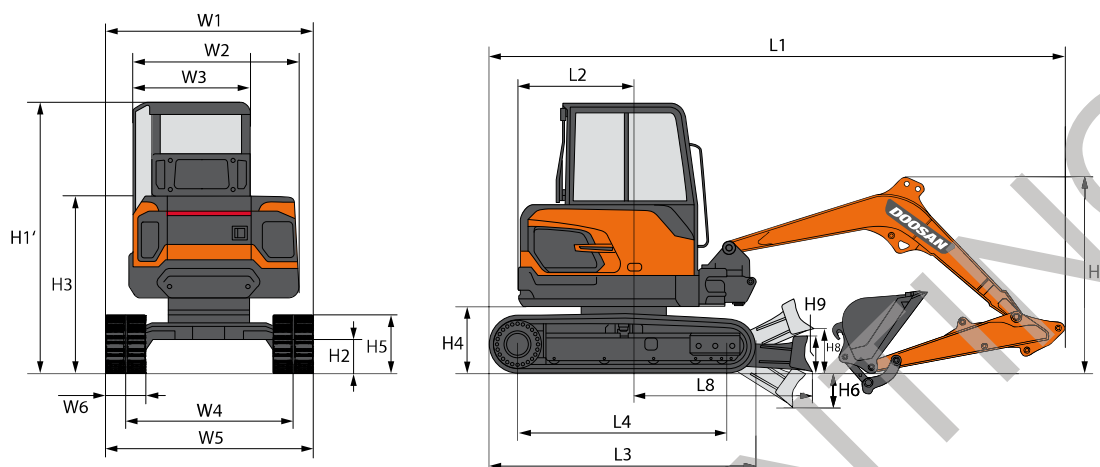
DIGGING FORCES (ISO) – BUCKET BREAKOUT FORCE

	Capacity (SAE) (m³)	Bucket breakout force (kN)	Bucket breakout force (kg)
DX27Z-7	0.08	21.8	2220
	0.06	21.8	2220
DX35Z-7	0.11	31.8	3240

BUCKETS

		Capacity (SAE) (m³)	Width (mm)		Weight (kg)
			With side cutters	W/O side cutters	
DX27Z-7	STD	0.08	476	450	58.5
	OPT	0.06	398	372	46
DX35Z-7	STD	0.11	576	550	85

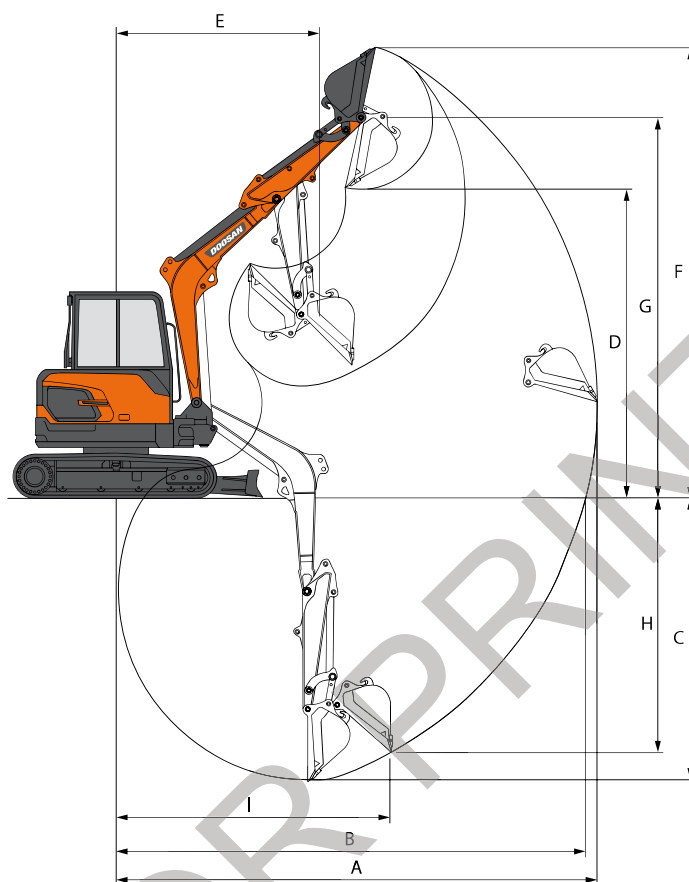
DIMENSIONS



DIMENSIONS

		Unit	DX27Z-7		DX35Z-7		
Front		–	Cab	Canopy	Cab		
Counterweight		–	Additional	–	Additional	–	
Boom length		mm	2090		2535		
Arm length		mm	1300	1100	1500	1330	
Bucket capacity (ISO)		m³	0.06		0.11		
Undercarriage / Shoe		–	STD / Rubber		STD / Rubber		
L1	Overall length	mm	4191	4186	4777	4760	
H1	Overall height	Boom	mm	1688	1556	1679	1589
		Cab	mm	2448		2479	
W1	Overall width	mm	1550		1700		
R1	Rear swing radius	mm	855	790	945	875	
H2	Ground clearance	mm	217		235		
L2	Rear end distance	mm	855	790	945	875	
W2	House width	mm	1500				
W3	Cab width	mm	1062				
H3	Height over cover	mm	1471		1508		
H4	Counterweight clearance	mm	512		537		
H5	Track height	mm	451		475.5		
L3	Track length	mm	1960		2121		
L4	Tumbler distance	mm	1540		1700		
W4	Track gauge	mm	1250		1400		
W5	Undercarriage width	mm	1550		1700		
W6	Shoe width	mm	300				
H6	Dozer digging depth	mm	335		429		
H8	Dozer lift clearance	mm	383		410		
H9	Dozer blade height	mm	259		380		
L8	Distance to dozer end	mm	1450		1605		
Boom swing angle (left/right)		mm	66.5 / 53.5				

WORKING RANGE



WORKING RANGE

	Unit	DX27Z-7		DX35Z-7	
Boom length	mm	2090		2535	
Arm length	mm	1300	1100	1500	1330
Bucket capacity (SAE)	m³	0.06		0.11	
A Max. digging reach	mm	4845	4655	5515	5355
B Max. digging reach (ground)	mm	4720	4520	5400	5235
C Max. digging depth	mm	2845	2645	3445	3275
D Max. dumping height	mm	3065	2935	3700	3580
E Min. swing radius	mm	2095	2045	2145	2115
F Max. digging height	mm	4515	4385	5215	5095
G Max. bucket pin height	mm	3795	3665	4460	4345
H Max. vertical wall depth	mm	1690	1565	2045	1980
I Max. radius vertical	mm	3815	3670	4350	4215