

### Q Dimensions

	Boom length - mm	3380	
	Arm length - mm	1700	2250
A	Shipping length - mm	6165	6265
B	Rear length - mm	1370	1370
C	Tail swing radius - mm	1300	1300
D	Front length - mm	4785	4890
E	Shipping height (boom) - mm	2085	2410
E	Shipping height (hose) - mm	2150	2480
F	Dozer height - mm	408	408
G	Dozer cut below grade - mm	304	304
H	Center line to blade - mm	1910	1910
I	Tumbler distance - mm	2200	2200
J	Track length - mm	2825	2825
K	Track length to dozer - mm	3280	3280
L	Counterweight clearance - mm	735	735
M	Upperstructure width - mm	2265	2265
N	Cab width - mm	1030	1030
O	Cab height above bonnet - mm	925	925
P	Height over cab - mm	2640	2640
Q	Ground clearance - mm	362	362
R	Track height - mm	670	670
S	Shoe width std. - mm	450	450
T	Track gauge - mm	1850	1850
U	Overall width - mm	2300	2300
	Boom swing distance, left - mm	704	704
	Boom swing distance, right - mm	837	837

### Q Working range

	Boom length - mm	3380	
	Arm length - mm	1700	2250
	Bucket capacity - m <sup>3</sup>	0.28	0.28
A	Max. digging reach - mm	6915	7430
B	Max. digging reach (ground) - mm	6765	7295
C	Max. digging depth - mm	4175	4725
D	Max. loading height - mm	4645	4995
E	Min. swing radius - mm	2550	2635
F	Max. digging height - mm	6630	6980
G	Max. bucket pin height - mm	5655	6005
H	Max. vertical wall depth - mm	3245	3755
I	Max. radius vertical - mm	4730	4905
J	Max. digging depth (8' level) - mm	3815	4420
K	Min. radius 8' line - mm	1510	1480
L	Min. digging reach - mm	580	-55

### Q Weight

With 2.25 m arm and 0.28 m<sup>3</sup> bucket

	Shoe width (mm)	Operating weight (kg)	Ground pressure (kgf/cm <sup>2</sup> )
Rubber	450	8600	0.39
Steel	450	8630	0.39

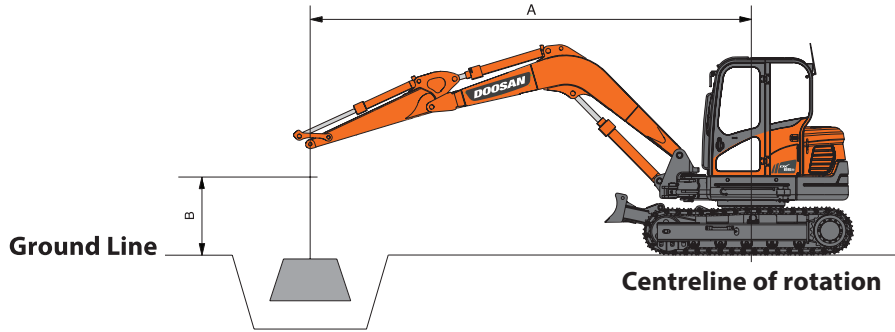
### Q Digging forces (ISO)

		Boom: 3.38 m Arm: 1.7 m Bucket: 0.28 m <sup>3</sup>	Boom: 3.38 m Arm: 2.25 m Bucket: 0.28 m <sup>3</sup>
Bucket (SAE / ISO)	t	5.50 / 6.30	5.50 / 6.30
	kN	53.9 / 61.8	53.9 / 61.8
Arm (SAE / ISO)	t	4.25 / 4.39	3.57 / 3.66
	kN	41.7 / 43.0	35.0 / 35.9

### Q Buckets

Capacity (m <sup>3</sup> )	Width (mm)		Weight (kg)	Boom: 3380 mm	
	With side cutters	W/O side cutters		Arm: 1700 mm	Arm: 2250 mm
0.28	813	707	232	B	B
0.20	646	540	199	A	A

A: Suitable for materials with a density less than or equal to 2000 kg/m<sup>3</sup>  
 B: Suitable for materials with a density less than or equal to 1600 kg/m<sup>3</sup>  
 For reference only.



## Standard configuration - Dozer up

Standard track width: 2300 mm • Boom: 3380 mm • Arm: 1700 mm • W/O Bucket • Shoe: 450 mm

Units: 1000 kg

B (m)	A (m) 2.0		3.0		4.0		5.0		Max. lift		A (m)
	☺	☹	☺	☹	☺	☹	☺	☹	☺	☹	
5.0					1.95 *	1.85			2.01	1.63	4.29
4.0					1.90 *	1.85	1.55	1.27	1.48	1.2	5.13
3.0			2.70 *	2.70 *	2.19 *	1.78	1.53	1.25	1.26	1.02	5.62
2.0			3.28	2.55	2.09	1.68	1.49	1.2	1.15	0.93	5.86
1.0			3.06	2.35	1.99	1.58	1.43	1.15	1.12	0.9	5.89
0 (Ground)			3	2.3	1.93	1.52	1.4	1.12	1.16	0.93	5.72
-1.0	3.90 *	3.90 *	3.01	2.3	1.91	1.51	1.39	1.11	1.28	1.03	5.31
-2.0	5.27 *	4.8	3.06	2.35	1.94	1.53			1.59	1.27	4.61
-3.0			1.89 *	1.89 *					1.54 *	1.54 *	3.34

## Standard configuration - Dozer down

Standard track width: 2300 mm • Boom: 3380 mm • Arm: 1700 mm • W/O Bucket • Shoe: 450 mm

Units: 1000 kg

B (m)	A (m) 2.0		3.0		4.0		5.0		Max. lift		A (m)
	☺	☹	☺	☹	☺	☹	☺	☹	☺	☹	
5.0					1.95 *	1.95 *			2.01 *	2.01 *	4.29
4.0					1.90 *	1.90 *	1.90 *	1.67	1.80 *	1.59	5.13
3.0			2.70 *	2.70 *	2.19 *	2.19 *	1.95 *	1.65	1.74 *	1.36	5.62
2.0			3.97 *	3.53	2.64 *	2.25	2.13 *	1.6	1.77 *	1.25	5.86
1.0			3.50 *	3.31	3.05 *	2.15	2.31 *	1.55	1.88 *	1.21	5.89
0 (Ground)			4.52 *	3.25	3.20 *	2.08	2.38 *	1.51	1.96 *	1.25	5.72
-1.0	3.90 *	3.90 *	4.36 *	3.26	3.06 *	2.07	2.23 *	1.51	1.97 *	1.39	5.31
-2.0	5.27 *	5.27 *	3.56 *	3.31	2.52 *	2.1			1.93 *	1.72	4.61
-3.0			1.89 *	1.89 *					1.54 *	1.54 *	3.34

## Option 1 - Dozer up

Standard track width: 2300 mm • Boom: 3380 mm • Arm: 2250 mm • W/O Bucket • Shoe: 450 mm

Units: 1000 kg

B (m)	A (m) 2.0		3.0		4.0		5.0		6.0		Max. lift		A (m)
	☺	☹	☺	☹	☺	☹	☺	☹	☺	☹	☺	☹	
6.0											1.83 *	1.83 *	3.81
5.0							1.51 *	1.28			1.48 *	1.27	5.02
4.0							1.57 *	1.29			1.23	1	5.73
3.0					1.80 *	1.80 *	1.55	1.26	1.13	0.92	1.08	0.87	6.17
2.0			3.18 *	2.67	2.13	1.71	1.49	1.21	1.11	0.89	1	0.8	6.38
1.0			3.12	2.4	2	1.59	1.43	1.14	1.08	0.86	0.97	0.78	6.41
0 (Ground)			2.98	2.27	1.91	1.5	1.38	1.1	1.05	0.84	0.99	0.79	6.26
-1.0	3.34 *	3.34 *	2.94	2.24	1.87	1.46	1.35	1.07			1.07	0.86	5.90
-2.0	5.15 *	4.61	2.96	2.26	1.87	1.47	1.36	1.08			1.26	1.01	5.28
-3.0	4.62 *	4.62 *	2.96 *	2.33	1.93	1.52					1.68 *	1.4	4.27

## Option 1 - Dozer down

Standard track width: 2300 mm • Boom: 3380 mm • Arm: 2250 mm • W/O Bucket • Shoe: 450 mm

Units: 1000 kg

B (m)	A (m) 1.0		2.0		3.0		4.0		5.0		6.0		Max. lift		A (m)
	☺	☹	☺	☹	☺	☹	☺	☹	☺	☹	☺	☹	☺	☹	
6.0													1.83 *	1.83 *	3.81
5.0									1.51 *	1.51 *			1.48 *	1.48 *	5.02
4.0									1.57 *	1.57 *			1.36 *	1.33	5.73
3.0							1.80 *	1.80 *	1.69 *	1.67	1.64 *	1.22	1.32 *	1.16	6.17
2.0					3.18 *	3.18 *	2.30 *	2.29	1.91 *	1.61	1.71 *	1.2	1.34 *	1.08	6.38
1.0					4.34 *	3.37	2.79 *	2.16	2.15 *	1.54	1.80 *	1.17	1.42 *	1.05	6.41
0 (Ground)					4.76 *	3.22	3.10 *	2.07	2.31 *	1.49	1.84 *	1.14	1.56 *	1.08	6.26
-1.0	2.79 *	2.79 *	3.34 *	3.34 *	4.62 *	3.19	3.12 *	2.02	2.31 *	1.46			1.76 *	1.17	5.90
-2.0	4.11 *	4.11 *	5.15 *	5.15 *	4.07 *	3.21	2.83 *	2.03	2.01 *	1.47			1.77 *	1.37	5.28
-3.0			4.62 *	4.62 *	2.96 *	2.96 *	1.98 *	1.98 *					1.68 *	1.68 *	4.27

- Lifting capacities are in compliance with ISO 10567:2007(E).
- The load point is at the end of the arm.
- \* = The nominal loads are based on hydraulic capacity.
- The nominal loads shown do not exceed 75% of tipping loads or 87% of hydraulic lifting capacity.
- For lifting capacity with bucket, simply subtract the actual weight of the bucket from the values.
- The configurations indicated do not necessarily reflect the standard equipment of the machine.

☺ : Rating over front  
☹ : Rating over side or 360°