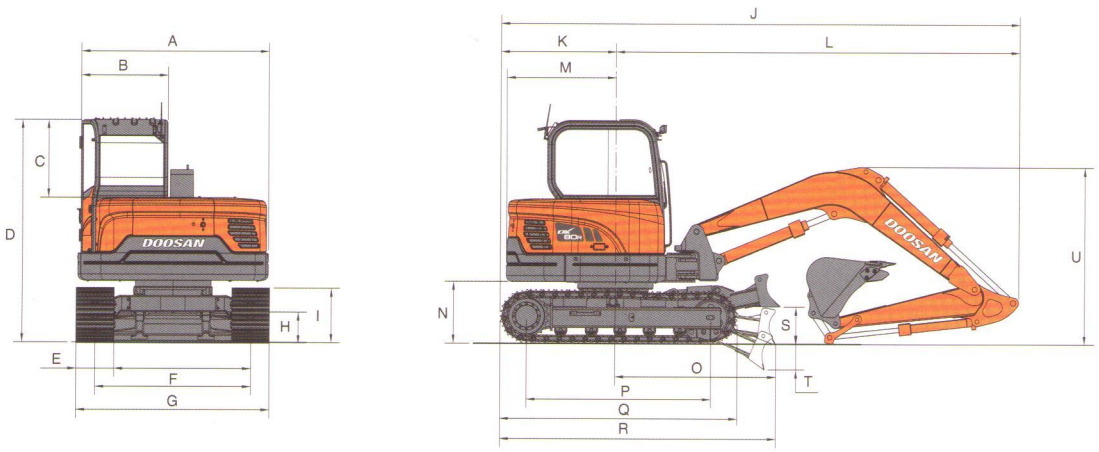
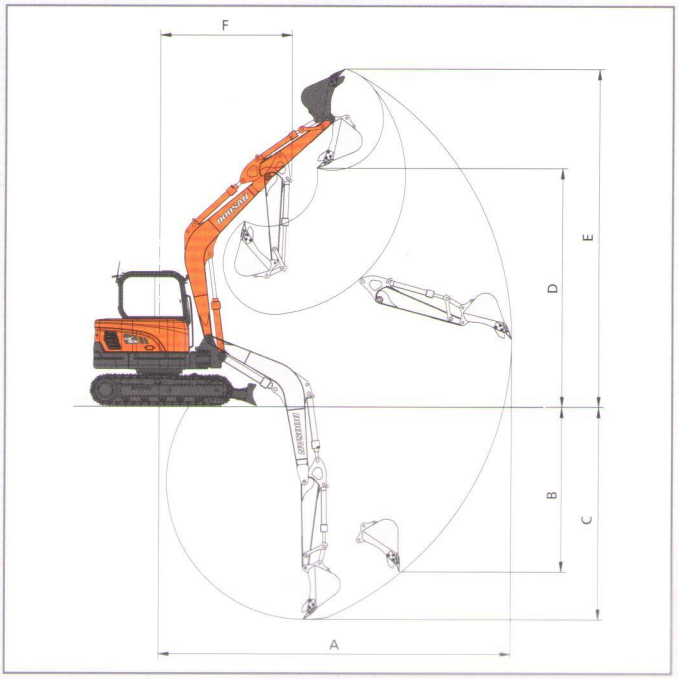
Dimensions and working ranges



✱ Dimensions

Boom			3.380 mm
A.	Overall width of upper structure		2.266 mm
B.	Cabin width		1.030 mm
D.	Overall height		2.638 mm
E.	Track shoe width		450 mm
F.	Track gauge		1.850 mm
G.	Overall track width		2.300 mm
H.	Ground clearance		362 mm
I.	Track height		648 mm
J.	Overall length	1,7 m (std)	6.167 mm
		2,25 m	6.265 mm
M.	Tail swing radius		1.298 mm
N.	Clearance under counterweight		737 mm
P.	Tumbler distance		2.200 mm
Q.	Track length		2.823 mm
R.	Track to dozer length		3.282 mm
S.	Dozer up		446 mm
T.	Dozer down		304 mm
U.	Boom transport height	1,7 m (std)	2.085 mm
		2,25 m	2.410 mm



✱ Digging force (ISO)

Bucket (PCSA)	**0,28 m³**	**0,20 m³**
Digging force	5.600 kgf 54,9 kN	5.600 kgf 54,9 kN

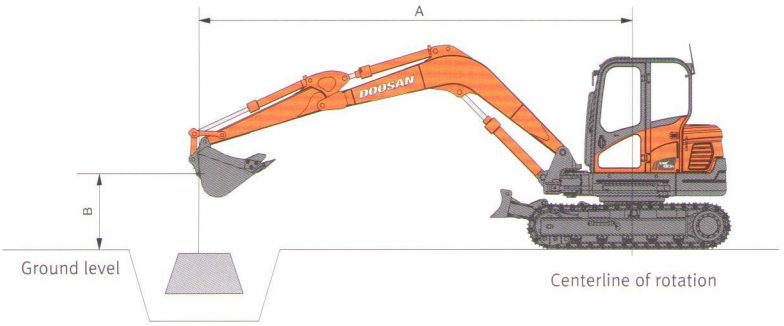
Arm	**1.700 mm**	**2.250 mm**
Digging force	4.200 kgf 41,2 kN	3.500 kgf 34,4 kN

At power boost (ISO)

✱ Working range

Boom		**3.380 mm**	
Arm		**1.700 mm**	**2.250 mm**
Bucket type (SAE)		**0,28 m³**	**0,20 m³**
A	Max. digging reach	6.965 mm	7.480 mm
B	Max. vertical wall depth	3.220mm	3.730 mm
C	Max. digging depth	4.150 mm	4.675 mm
D	Max. loading height	4.720 mm	5.085 mm
E	Max. digging height	6.715 mm	7.070 mm
F	Min. swing radius	2.500 mm	2.700 mm

Lifting capacity



DX 80R

STANDARD — DOZER UP— Boom: 3.380 mm - Arm: 1.700 mm - Bucket: SAE 0,28 m³ (CECE 0,24 m³) - Shoe: 450 mm **Units: 1.000 kg**

A (m) / B (m)	3		4		5		Max. Reach		
									A(m)
5			*1,71	1,66			1,65	1,44	4,29
4			1,67	*1,67	1,24	1,09	1,17	1,03	5,13
3	*2,48	*2,48	1,85	1,62	1,23	1,08	0,97	0,85	5,62
2	2,84	2,42	1,75	1,53	1,19	1,04	0,88	0,77	5,86
1	2,61	2,21	1,65	1,43	1,15	1,00	0,85	0,74	5,89
0 (ground)	2,56	2,16	1,59	1,37	1,11	0,97	0,89	0,77	5,72
-1	2,56	2,16	1,58	1,36	1,10	0,96	1,00	0,87	5,31
-2	2,61	2,21	1,60	1,38			1,29	1,12	4,61
-3	*1,70	*1,70					*1,36	*1,36	3,34

OPTIONAL — DOZER UP— Boom: 3.380 mm - Arm: 2.250 mm - Bucket: SAE 0,28 m³ (CECE 0,24 m³) - Shoe: 450 mm **Units: 1.000 kg**

A (m) / B (m)	3		4		5		6		Max. Reach		
											A(m)
5					1,24	1,09			1,23	1,08	5,02
4					1,27	1,11			0,94	0,82	5,73
3			*1,58	*1,58	1,24	1,09	0,85	0,74	0,80	0,69	6,17
2	*2,93	2,52	1,77	1,54	1,19	1,04	0,83	0,72	0,73	0,63	6,38
1	2,66	2,25	1,65	1,43	1,13	0,98	0,81	0,70	0,70	0,61	6,41
0 (ground)	2,52	2,12	1,56	1,34	1,08	0,93	0,78	0,67	0,73	0,62	6,26
-1	2,48	2,09	1,52	1,30	1,05	0,91			0,80	0,69	5,90
-2	2,51	2,11	1,53	1,31	1,06	0,92			0,98	0,84	5,28
-3	2,59	2,18	1,58	1,36					1,43	1,23	4,27

1. The nominal forces are based on the SAE J1097 standard.
2. The load point is the hook at the rear of the bucket.
3. * = The nominal loads are based on hydraulic capacity.
4. The nominal loads do not exceed 87% of the hydraulic capacity or 75% of the capacity of the swing.

: Over front
: Over side or 360°