








LIFTING CAPACITIES

MONO BOOM • W/O BUCKET • BLADE UP

(UNIT: 1000 KG)








B	A	1.5 m		3.0 m		4.5 m		6.0 m		Max. reach		
											A	
BOOM 3.38 m • Arm 1.7 m • Shoe 450 mm Steel • COUNTERWEIGHT 1.45 t												
4.5 m						1.93 *	1.76			1.73	1.52	4.90
3.0 m				2.91 *	2.91 *	1.96	1.71			1.32	1.16	5.74
1.5 m						1.85	1.6	1.2	1.05	1.2	1.05	6.00
0.0 m				3.25	2.7	1.77	1.52			1.24	1.08	5.81
-1.5 m	4.70 *	4.70 *		3.28	2.73	1.76	1.52			1.5	1.3	5.07
-3.0 m				1.89 *	1.89 *					1.53 *	1.53 *	3.32

BOOM 3.38 m • Arm 2.25 m • Shoe 450 mm Steel • COUNTERWEIGHT 1.45 t

6.0 m										1.82 *	1.82 *	4.01
4.5 m						1.55 *	1.55 *			1.42 *	1.31	5.56
3.0 m						1.81 *	1.81 *	1.31	1.14	1.21	1.05	6.28
1.5 m				3.72	3.08	1.97	1.69	1.27	1.1	1.11	0.96	6.52
0.0 m				3.46	2.84	1.86	1.59	1.23	1.06	1.14	0.98	6.34
-1.5 m	3.71 *	3.71 *		3.44	2.83	1.83	1.56			1.32	1.14	5.69

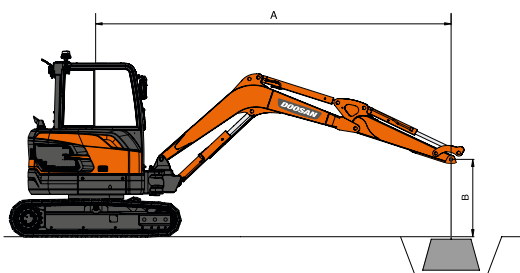
MONO BOOM • W/O BUCKET • BLADE DOWN


(UNIT: 1000 KG)


B	A	1.5 m		3.0 m		4.5 m		6.0 m		Max. reach		
											A	
BOOM 3.38m • ARM 1.7 m • SHOE 450 mm Steel • COUNTERWEIGHT 1.45 t												
4.5 m						1.93 *	1.93 *			1.90 *	1.90 *	4.90
3.0 m				2.91 *	2.91 *	2.13 *	2.13 *			1.77 *	1.46	5.74
1.5 m						2.63 *	2.04	1.88 *	1.33	1.85 *	1.33	6.00
0.0 m				4.19 *	3.59	2.89 *	1.96			2.01 *	1.38	5.81
-1.5 m	4.70 *	4.70 *		4.24 *	3.62	2.54 *	1.95			2.01 *	1.66	5.07
-3.0 m				1.89 *	1.89 *					1.53 *	1.53 *	3.32

BOOM 3.38m • ARM 2.25 m • SHOE 450 mm Steel • COUNTERWEIGHT 1.45 t

6.0 m										1.82 *	1.82 *	4.01
4.5 m						1.55 *	1.55 *			1.42 *	1.42 *	5.56
3.0 m						1.81 *	1.81 *	1.68 *	1.36	1.35 *	1.26	6.28
1.5 m				4.24 *	3.79	2.38 *	2.03	1.83 *	1.32	1.40 *	1.16	6.52
0.0 m				4.46 *	3.54	2.80 *	1.92	1.93 *	1.28	1.61 *	1.18	6.34
-1.5 m	3.71 *	3.71 *		4.68 *	3.52	2.71 *	1.89			1.82 *	1.37	5.69











 : Rating over front.

 : Rating over side or 360°.

- Lift capacities are in compliance with ISO 10567.
- Load point is the end of the arm.
- * = Limited by hydraulic capacities.
- Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
- The least stable position is over the side.
- Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

LIFTING CAPACITIES









ARTICULATED BOOM • W/O BUCKET • BLADE UP

A	3.0 m		4.5 m		6.0 m		Max. reach		A
									

ARTICULATED BOOM 1.89m / 1.88m • ARM 1.7m • SHOE 450mm Steel • COUNTERWEIGHT 1.45 t

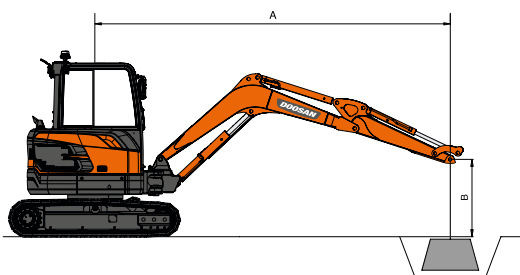
6.0 m	3.03 *	3.03 *					2.89 *	2.63	3.51
4.5 m			2.09	1.79			1.57	1.35	5.25
3.0 m	3.75 *	3.26	2	1.71	1.23	1.06	1.23	1.05	6.02
1.5 m			1.85	1.57	1.2	1.03	1.12	0.96	6.27
0.0 m			1.76	1.48	1.18	1	1.16	0.99	6.08
-1.5 m	3.08 *	2.72	1.76	1.49			1.32 *	1.18	5.39



ARTICULATED BOOM • W/O BUCKET • BLADE DOWN

A	3.0 m		4.5 m		6.0 m		Max. reach		A
									

ARTICULATED BOOM 1.89m / 1.88m • ARM 1.7m • SHOE 450mm Steel • COUNTERWEIGHT 1.45 t

6.0 m	3.03 *	3.03 *					2.89 *	2.89 *	3.51
4.5 m			2.19 *	2.14			2.11 *	1.62	5.25
3.0 m	3.75 *	3.75 *	2.40 *	2.06	1.90 *	1.28	1.90 *	1.27	6.02
1.5 m			2.74 *	1.91	1.91 *	1.25	1.77 *	1.17	6.27
0.0 m			2.71 *	1.82	1.71 *	1.22	1.62 *	1.2	6.08



-  : Rating over front.
-  : Rating over side or 360°.

1. Lift capacities are in compliance with ISO 10567.
2. Load point is the end of the arm.
3. * = Limited by hydraulic capacities.
4. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
5. The least stable position is over the side.
6. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

STANDARD AND OPTIONAL EQUIPMENT

Engine

- Doosan D24 - Common rail diesel engine with direct fuel injection, Stage V compliant
- Auto-idle function

Hydraulic system

- Variable pistons pump
- Breaker piping with direct return to the tank
- 2-way high flow auxiliary line with settings from the display panel
- Cylinder cushioning & contamination seals
- Rotation line (Pero)
- Quick coupler line
- Clamshell

Cab & interior

- Pressurized, sound-insulated cab
- Air suspension seat with heater
- Air conditioning
- Pull-up type front window and removable lower front window
- Sliding right windows with lock
- Ceiling light
- Intermittent upper windshield wiper
- Multiple storage compartments
- Flat, spacious, easy-to-clean floor
- Cup holder
- Anti-theft protection
- DOOSAN Smart Touch – 8" touch screen, all-in-one
- Electric horn
- Engine speed (RPM) control dial
- Hydrostatic 2-speed travel system with manual or automatic shift
- DAB radio with handsfree call system
- USB charger & 12 V power socket
- Serial communication port for laptop PC interface
- Adjustable PPC for arm, boom, bucket and swing, with sliding proportional control for attachments and auxiliary hydraulic buttons
- Travel pedals and hand levers
- Master key

Safety

- Roll Over Protective Structure (ROPS)
- Boom and arm cylinder safety valves
- Overload warning device
- Rotating beacon
- Hydraulic safety lock lever
- Safety glass
- Hammer for emergency escape
- Right and left rearview mirrors
- Emergency engine stop switch
- Reinforced cast steel pivot points
- Battery cut-off switch
- LED work light (on the boom)
- Lockable fuel cap
- LED additional work lights (1x front cabin)
- Falling Objects Guard System – top and front cab guards (ISO 10262 level II and SAE J1356)
- Rear view camera (with LED light)
- AVM 360° camera

Other

- DX85R-7: 3380 mm mono boom – 1700 mm arm – 1450 kg counterweight
- Fuel filler pump
- DoosanCONNECT (telematic system)
- Boom cylinder guard
- Double element air cleaner
- Self-diagnostic function
- Battery (12 V, 100 Ah), alternator (12 V, 80 A)
- Remote greasing for swing circle and workgroup pivot points
- Long arm: 2250 mm
- Articulated boom (1890 mm + 1880 mm) with 1700 mm arm

Undercarriage

- Fixed undercarriage
- Hydraulic track adjuster
- 450 mm rubber tracks
- Greased and sealed track links
- Dozer double check valve (kit)
- 450 mm steel tracks
- 450 mm steel tracks with rubber pad

Powered by Innovation

DISCOVER MORE:
DX85R-7



DOOSAN