

Technical specifications

Engine

Designed to deliver superior performance and fuel efficiency, the Doosan Stage IV diesel engine fully meets the latest emissions regulations. To optimise machine performance, the engine uses high-pressure fuel injectors, air-to-air inter-cooler and electronic engine controls. 4-Cycle Water-Cooled, Wastegate Turbocharger, Exhaust Gas Recirculation (EGR) & Selective Catalytic Reduction (SCR) with no Diesel Particulate Filter (DPF).

DX210W-5	
Model	Doosan DLo6
No. of cylinders	6
Rated power at 1900 rpm	
(SAE J1995)	129.4 kW (173.5 hp)
(SAE J1349)	123.2 kW (165.2 hp)
Max. torque at 1400 rpm	82 kgf-m (804 Nm)
Idle (low - high)	800 [±10] - 2000 [±25] rpm
Piston displacement	5890 cm ³
Bore × stroke	100 mm × 125 mm
Starter	24 V × 6 kW
Batteries - Alternator	2 × 12 V, 150 Ah - 24 V, 80 A
Air filter	Double element air cleaner and pre-filtered Turbo dust separator

Undercarriage

Extremely robust construction throughout - made of high-quality, durable materials, with all welded structures designed to limit stresses. Heat-treated connecting pins. 10.00-20-16PR (OTR) double tyres with tyre spacer. Heavy-duty front axle with automatic or operator-controlled (on/off/auto) front axle oscillation lock.

► Front axle oscillation

DX210W-5	
+/- 8° with automatic ram lock	

Brakes

Dual multi-disc circuit with sintered metal discs for extended service life. Braking system activated by a pump and accumulator circuits. Spring-applied, hydraulically released parking brake mounted on the transmission shaft.

Component weights

Item	Unit	Weight	Remarks
Upper structure without front	kg	10030	With counterweight
Undercarriage	kg	7360	Including stabilisers and dozer blade
Front assembly	kg	4010	
Counterweight	kg	4000	3200 kg with two-piece boom
Boom 5.6 m	kg	1337	Including bushing
Arm 2.4 m	kg	571	Including bushing
Two-piece boom, lower	kg	500	Including bushing
Two-piece boom, upper	kg	1010	Including bushing
Arm 2.75 m / 3.0 m	kg	619 / 671	
Dozer	kg	863	
Dozer cylinder (each)	kg	84	
Stabiliser	kg	1221	
Stabiliser cylinder (each)	kg	113	

Hydraulic system

The e-EPOS (Electronic Power Optimising System) is the brain of the excavator - minimising fuel consumption and optimising the efficiency of the hydraulic system for all working conditions.

To harmonise the operation of the engine and the hydraulics, the e-EPOS is connected to the engine's electronic control unit (ECU) via a data transfer link.

- The hydraulic system enables independent or combined operations
- 2 travel speeds offer either increased torque or high speed
- Cross-sensing pump system for fuel savings
- Auto-deceleration system
- 4 operating modes, 4 power modes
- Flow and pressure control of auxiliary hydraulic circuits from control panel
- Computer-aided pump flow control

► Maximum system pressure

DX210W-5	
Implement	38 MPa
Travel/Work	35 / 35 MPa

Pumps

Pump	Type	Max. flow @ 2000 rpm	Relief valve pressure
Main (2)	Parallel, Bent-Axis, Axial piston	2 × 236 l/min	-
Pilot	Gear	27.4 l/min	4 MPa
Steering	Gear	69 l/min	18 MPa
Brake	Gear	22.4 l/min	15.4 MPa

Hydraulic cylinders

High-strength steel piston rods and cylinder bodies. Shock-absorbing mechanism fitted in all cylinders for shock-free operation and extended piston life.

Cylinders	Quantity	Bore × rod diameter × stroke (mm)
One-piece boom	2	120 × 85 × 1240
Arm, one-piece boom	1	135 × 95 × 1450
Two-piece boom, lower	2	120 × 85 × 1045
Two-piece boom, upper	1	170 × 105 × 748
Arm, two-piece boom	1	135 × 95 × 1450
Bucket	1	120 × 80 × 1060
Blade	2	130 × 80 × 160
Stabilisers	2	130 × 80 × 391

➤ Swing mechanism

The swing mechanism uses an axial piston motor, driving a 2-stage planetary reduction gear bathed in oil for maximum torque.

- Swing bearing: single-row, shear type ball bearing with induction hardened internal gear
- Internal gear and pinion immersed in lubricant
- Increased swing torque reduces swing time
- The swing brake for parking is activated by spring and released hydraulically

► Swing speed & torque

	DX210W-5
Maximum swing speed	9.8 rpm
Maximum swing torque	6387 kgf·m

➤ Drive

The wheels are driven by an axial piston motor via a two-speed powershift transmission. In addition to the two-speed powershift transmission, there is also an economy mode and a switch for the creep speed. A button makes it possible to pass from high to low in work mode.

Two travel speed ranges offer a choice between increased torque or high speed.

► Speed & traction

	DX210W-5
Travel speed (creep - low - high)	4 - 9 - 35 km/h
Maximum traction	12 t
Minimum turning radius	7.2 m
Gradeability	65% (33°)

➤ Fluid capacities

	DX210W-5
Fuel tank	300 l
Cooling system (radiator)	24 l
Hydraulic oil system	205 l
Engine oil	25 l
Swing drive	5 l
Front axle hub	2 × 2.5 l
Rear axle hub	2 × 2.5 l
Front Axle Case	11 l
Rear Axle Case	14.5 l
Transmission	2.5 l
Urea tank	31.5 l

➤ Cab

ROPS cab, large and roomy interior. One-way travel pedal with FNR switch on the right joystick. Audio system with remote control, independently adjustable joystick consoles. Excellent all-round visibility, transparent roof hatch, 2-piece sliding door window, narrow and easily adjustable steering column. The removable lower front glass can be stored behind the seat. Interior lighting. The pressurised and filtered cab air is supplied by numerous vents. Climate-control provides fast defrosting and high cooling and heating performance. Viscous/spring mounted suspension cushions reduce vibrations. Heated air suspension seat with adjustable seat suspension, height, tilt, recline and forward-backward settings. Adjustable, easy to read 7" LCD colour monitor provides real-time information on machine functions and diagnostic information and is switchable to rear view camera (std) or side view camera (optional).

► Noise emission

	DX210W-5
A-weighted emission sound pressure level at the operator's position, LpAd (ISO 6396:2008)	Declared : 72 dB(A)
A-weighted sound power level, LwAd (2000/14/EC)	Guaranteed : 102 dB(A) Measured : 99.8 dB(A)

Note – Declared single-number noise emission values are the sum of measured values and the associated uncertainty, and they represent upper boundaries of the range of values which is likely to occur in measurements.

➤ Buckets

					Front dozer & rear stabilisers down			Front & rear stabilisers down		
Bucket Type	Capacity (m³) SAE	Width (mm)		Weight (kg)	One-piece boom		Two-piece boom	One-piece boom		Two-piece boom
		With side cutters	W/O side cutters		Arm 2.75 m	Arm 3.0 m	Arm 2.4 m	Arm 2.75 m	Arm 3.0 m	Arm 2.4 m
GP	0.51	772	722	534	A	A	A	A	A	A
	0.81	1126	1064	667	A	A	A	A	A	A
	0.86	1180	1117	690	A	A	A	A	A	A
	1.05	1370	1308	759	A	A	A	A	A	A
	1.17	1491	1428	817	A	A	A	A	A	A
	1.28	1605	1542	856	A	B	A	A	A	A
HD	0.73	982	916	729	A	A	A	A	A	A
	0.90	1130	1064	799	A	A	A	A	A	A
	1.07	1286	1220	860	A	A	A	A	A	A
	1.24	1438	1372	918	A	B	A	A	A	A
	1.32	1516	1450	961	B	B	B	A	A	A

A: Suitable for materials with a density less than or equal to 2100 kg/m³

B: Suitable for materials with a density less than or equal to 1800 kg/m³

C: Suitable for materials with a density less than or equal to 1500 kg/m³

D: Suitable for materials with a density less than or equal to 1200 kg/m³

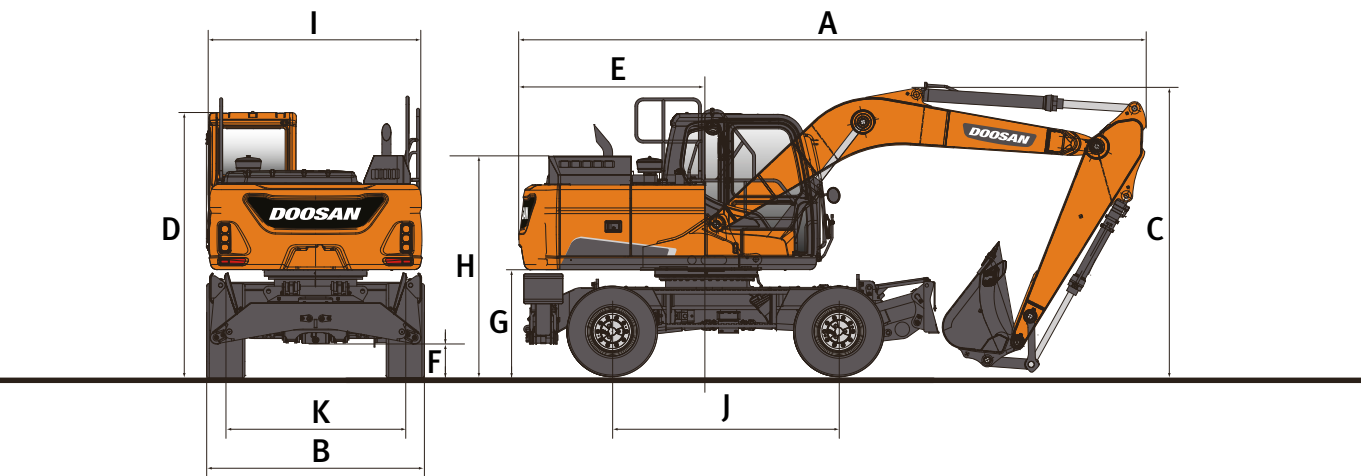
Based on ISO 10567 and SAE J296, arm length without quick-coupler. For reference only.

➤ Weight

+ 100 kg for wide axles versions

Boom (mm)	Arm (mm)	Bucket (m³)	C/W (tonne)	Chassis Front	Chassis Rear	Total weight (kg)
One-piece boom (5600)	2750	0.86	4.0	Dozer	Stabilizer	21.387
		0.86	4.0	Stabilizer	Dozer	21.478
		0.86	4.0	Stabilizer	Stabilizer	21.629
	3000	0.86	4.0	Dozer	Stabilizer	21.439
		0.86	4.0	Stabilizer	Dozer	21.530
		0.86	4.0	Stabilizer	Stabilizer	21.681
Two-piece boom (5400: 1920 + 3840)	2400	0.86	3.2	Dozer	Stabilizer	21.485
		0.86	3.2	Stabilizer	Dozer	21.576
		0.86	3.2	Stabilizer	Stabilizer	21.726

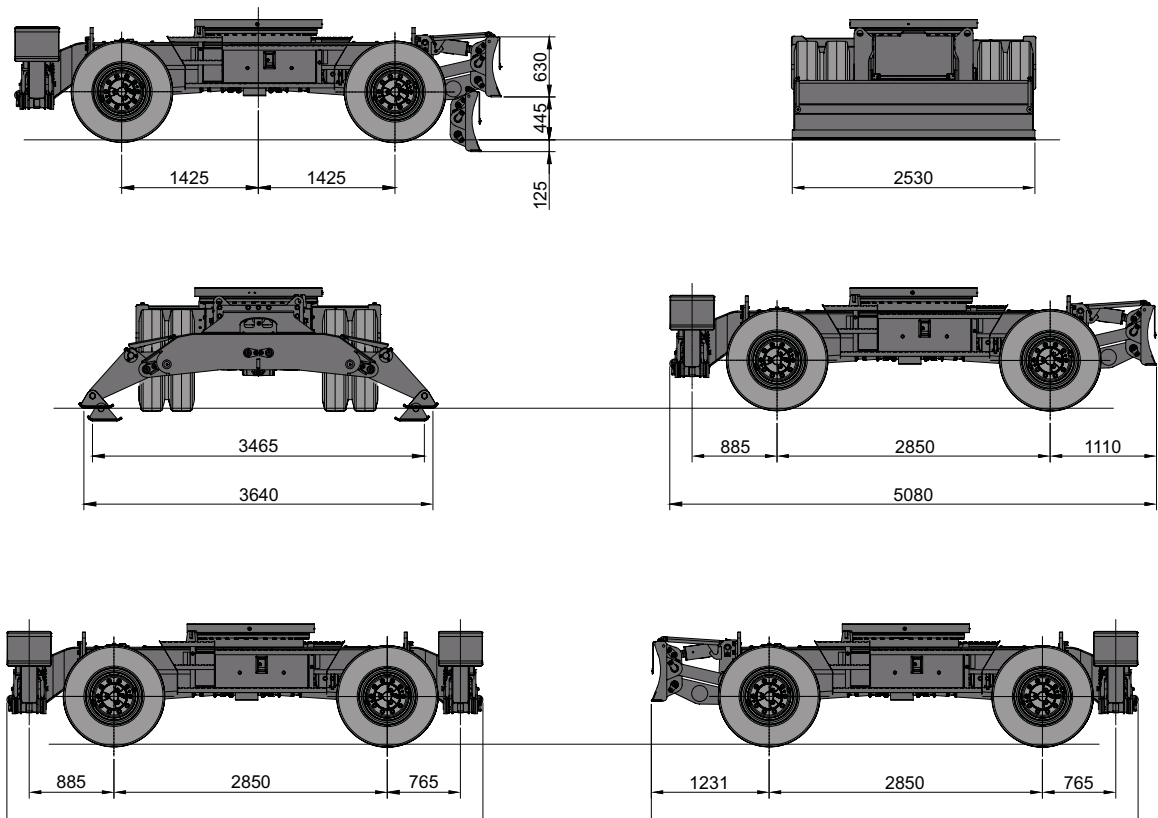
Dimensions



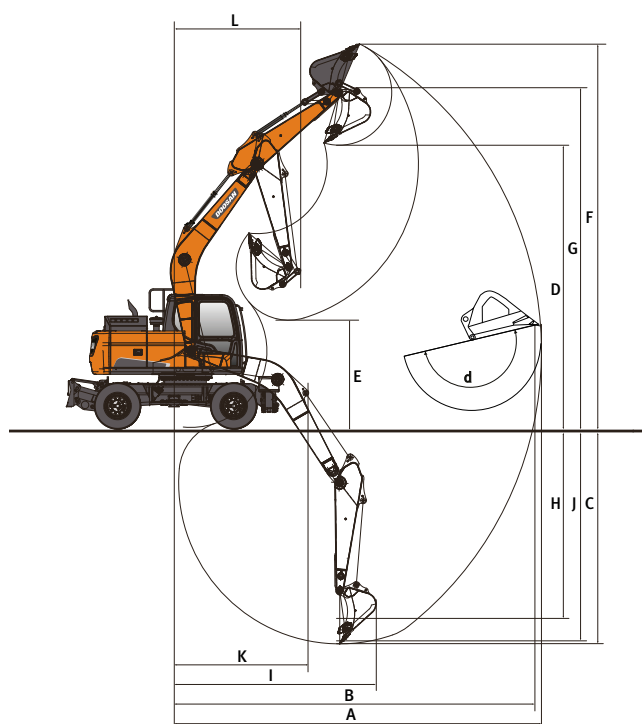
Dimensions

Boom length - mm Arm length - mm	One-piece boom 5600		Two-piece boom 5400 (1920 LB + 3840 UB)
	2750	3000	2400
A Shipping length - mm	9473	9448	9225
B Shipping width - mm	2530 / 2750*	2530 / 2750*	2530 / 2750*
C Shipping height (boom) - mm	3357	3289	3140
D Height over cab - mm	3141	3141	3141
E Tail swing radius - mm	2755	2755	2755
F Ground clearance - mm	336	336	336
G Counterweight clearance - mm	1255	1255	1255
H Engine cover height - mm	2302	2302	2302
I Upper housing width - mm	2530	2530	2530
J Wheel base - mm	2850	2850	2850
K Tread width - mm	1914 / 2114*	1914 / 2114*	1914 / 2114*

* wide axles option



Working range



Working range

	One-piece boom		Two-piece boom
Boom length - mm	5600		5400 (1920 LB + 3840 UB)
Arm length - mm	2750	3000	2400
Bucket capacity - m ³	0.86	0.86	0.86
A Max. digging reach - mm	9705	9980	9385
B Max. digging reach (ground) - mm	9505	9785	9175
C Max. digging depth - mm	5905	6160	5605
D Max. loading height - mm	7115	7350	7530
E Min. loading height - mm	2840	2630	3310
F Max. digging height - mm	9870	10140	10435
G Max. bucket pin height - mm	8570	8805	8985
H Max. vertical wall depth - mm	5280	5715	4830
I Max. radius vertical - mm	6365	6260	5060
J Max. digging depth (8' level) - mm	5715	5980	5460
K Min. radius 8' line - mm	3180	3180	1062
L Min. swing radius - mm	3300	3445	3285
d Bucket angle - °	177	177	177

Digging forces (ISO)

	One-piece boom		Two-piece boom
Boom length - mm	5600		5400 (1920 LB + 3840 UB)
Arm length - mm	2750	3000	2400
Bucket capacity - m ³	0.86	0.86	0.86
BUCKET (Normal/Press. Up) - ton	15.2 / 16.0	15.2 / 16.0	15.2 / 16.0
ARM (Normal/Press. Up) - ton	10.3 / 10.9	10.2 / 10.8	11. / 12.2

Lifting capacities

DX210W-5

W/O Bucket

Unit: 1000 kg	A B	Chassis Frame Attachment	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		
			⏏	☞	⏏	☞	⏏	☞	⏏	☞	⏏	☞	⏏	☞	A
One-piece boom 5.6 m Arm 2.75 m Counterweight 4.0 t	7.5 m	F-Stabiliser + R-Stabiliser Down							4.73 *	4.73 *			4.54 *	4.54 *	6.05
		F-Stabiliser + R-Stabiliser Up							4.73 *	3.94			4.54 *	3.89	
		F-Dozer + R-Stabiliser Down							4.73 *	4.73 *			4.54 *	4.54 *	
		F-Dozer + R-Stabiliser Up							4.73 *	3.91			4.54 *	3.85	
	6.0 m	F-Dozer + R-St. Up - 2.75 m Axles							4.73 *	4.32			4.54 *	4.26	7.17
		F-Stabiliser + R-Stabiliser Down							5.68 *	5.68 *			4.22 *	4.22 *	
		F-Stabiliser + R-Stabiliser Up							5.68 *	3.95			4.22 *	2.91	
		F-Dozer + R-Stabiliser Down							5.68 *	5.68 *			4.22 *	4.22 *	
	4.5 m	F-Dozer + R-Stabiliser Up							5.68 *	3.92			4.22 *	2.88	7.84
		F-Dozer + R-St. Up - 2.75 m Axles							5.68 *	4.33			4.22 *	3.2	
		F-Stabiliser + R-Stabiliser Down					7.32 *	7.32 *	6.18 *	6.18 *	5.62 *	5.13	4.16 *	4.16 *	
		F-Stabiliser + R-Stabiliser Up					7.32 *	5.86	5.68	3.8	3.99	2.66	3.7	2.45	
	3.0 m	F-Dozer + R-Stabiliser Down					7.32 *	7.32 *	6.18 *	6.03	5.62 *	4.23	4.16 *	3.92	8.18
		F-Dozer + R-Stabiliser Up					7.32 *	5.81	5.71	3.77	4	2.63	3.71	2.43	
		F-Dozer + R-St. Up - 2.75 m Axles					7.32 *	6.45	5.73	4.17	4.02	2.92	3.73	2.7	
		F-Stabiliser + R-Stabiliser Down					9.05 *	9.05 *	6.93 *	6.93 *	5.89 *	5.03	4.29 *	4.29 *	
	1.5 m	F-Stabiliser + R-Stabiliser Up					8.39	5.35	5.44	3.58	3.89	2.56	3.39	2.22	8.24
		F-Dozer + R-Stabiliser Down					9.05 *	8.96	6.93 *	5.78	5.89 *	4.13	4.29 *	3.6	
		F-Dozer + R-Stabiliser Up					8.42	5.3	5.46	3.54	3.9	2.54	3.4	2.2	
		F-Dozer + R-St. Up - 2.75 m Axles					8.46	5.93	5.49	3.95	3.92	2.83	3.42	2.46	
	0.0 m	F-Stabiliser + R-Stabiliser Down					10.44 *	10.44 *	7.64 *	6.84	6.19 *	4.91	4.59 *	4.28	8.01
		F-Stabiliser + R-Stabiliser Up					7.9	4.93	5.21	3.37	3.78	2.46	3.29	2.14	
		F-Dozer + R-Stabiliser Down					10.44 *	8.46	7.64 *	5.54	6.19 *	4.02	4.59 *	3.5	
		F-Dozer + R-Stabiliser Up					7.93	4.88	5.23	3.33	3.79	2.44	3.31	2.12	
	-1.5 m	F-Dozer + R-St. Up - 2.75 m Axles					7.97	5.49	5.25	3.73	3.81	2.73	3.32	2.38	7.48
		F-Stabiliser + R-Stabiliser Down					10.91 *	10.46	7.99 *	6.68	6.28 *	4.83	5.16 *	4.41	
		F-Stabiliser + R-Stabiliser Up					7.65	4.71	5.05	3.23	3.7	2.39	3.38	2.19	
		F-Dozer + R-Stabiliser Down					10.91 *	8.21	7.99 *	5.39	6.28 *	3.94	5.16 *	3.6	
	-3.0 m	F-Dozer + R-Stabiliser Up					7.69	4.67	5.07	3.19	3.72	2.37	3.4	2.16	6.55
		F-Dozer + R-St. Up - 2.75 m Axles					7.72	5.27	5.1	3.59	3.74	2.66	3.41	2.43	
		F-Stabiliser + R-Stabiliser Down			11.61 *	11.61 *	10.48 *	10.41	7.79 *	6.62			5.85 *	4.85	
		F-Stabiliser + R-Stabiliser Up			11.61 *	8.49	7.61	4.67	5	3.18			3.72	2.4	
	7.5 m	F-Dozer + R-Stabiliser Down			11.61 *	11.61 *	10.48 *	8.16	7.79 *	5.33			5.85 *	3.95	6.05
		F-Dozer + R-Stabiliser Up			11.61 *	8.4	7.64	4.62	5.02	3.14			3.73	2.37	
		F-Dozer + R-St. Up - 2.75 m Axles			11.61 *	9.68	7.67	5.23	5.04	3.54			3.75	2.67	
		F-Stabiliser + R-Stabiliser Down			12.41 *	12.41 *	9.14 *	9.14 *	6.70 *	6.69			5.78 *	5.78 *	
		F-Stabiliser + R-Stabiliser Up			12.41 *	8.68	7.7	4.75	5.06	3.24			4.51	2.91	
		F-Dozer + R-Stabiliser Down			12.41 *	12.41 *	9.14 *	8.26	6.70 *	5.4			5.78 *	4.8	
		F-Dozer + R-Stabiliser Up			12.41 *	8.59	7.73	4.7	5.09	3.2			4.53	2.88	
		F-Dozer + R-St. Up - 2.75 m Axles			12.41 *	9.87	7.77	5.32	5.11	3.6			4.55	3.23	

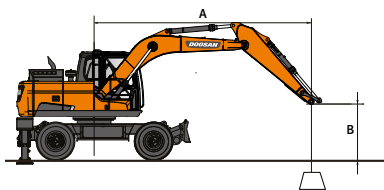
Unit: 1000 kg	A B	Chassis Frame Attachment	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		
			⏏	☞	⏏	☞	⏏	☞	⏏	☞	⏏	☞	⏏	☞	A
Two-piece boom 5.4 m Arm 2.4 m Counterweight 3.2 t	7.5 m	F-Stabiliser + R-Stabiliser Down					4.86 *	4.86 *					4.40 *	4.40 *	5.60
		F-Stabiliser + R-Stabiliser Up					4.86 *	4.86 *					4.40 *	3.83	
		F-Dozer + R-Stabiliser Down					4.86 *	4.86 *					4.40 *	4.40 *	
		F-Dozer + R-Stabiliser Up					4.86 *	4.86 *					4.40 *	3.79	
	6.0 m	F-Dozer + R-St. Up - 2.75 m Axles					4.86 *	4.86 *					4.40 *	4.23	6.80
		F-Stabiliser + R-Stabiliser Down					5.01 *	5.01 *	5.02 *	5.02 *			3.78 *	3.78 *	
		F-Stabiliser + R-Stabiliser Up					5.01 *	5.01 *	5.02 *	3.49			3.78 *	2.75	
		F-Dozer + R-Stabiliser Down					5.01 *	5.01 *	5.02 *	5.02 *			3.78 *	3.78 *	
	4.5 m	F-Dozer + R-Stabiliser Up					5.01 *	5.01 *	5.02 *	3.45			3.78 *	2.72	7.50
		F-Dozer + R-St. Up - 2.75 m Axles					5.01 *	5.01 *	5.02 *	3.85			3.78 *	3.05	
		F-Stabiliser + R-Stabiliser Down					6.16 *	6.16 *	5.41 *	5.41 *	3.54 *	3.54 *	3.53 *	3.53 *	
		F-Stabiliser + R-Stabiliser Up					6.16 *	5.24	5.18	3.37	3.54 *	2.28	3.53 *	2.28	
	3.0 m	F-Dozer + R-Stabiliser Down					6.16 *	6.16 *	5.41 *	5.41 *	3.54 *	3.54 *	3.53 *	3.53 *	7.86
		F-Dozer + R-Stabiliser Up					6.16 *	5.19	5.2	3.33	3.54 *	2.25	3.53 *	2.25	
		F-Dozer + R-St. Up - 2.75 m Axles					6.16 *	5.81	5.23	3.72	3.54 *	2.54	3.53 *	2.54	
		F-Stabiliser + R-Stabiliser Down					7.95 *	7.95 *	6.21 *	6.21 *	5.55 *	4.63	3.47 *	3.47 *	
	1.5 m	F-Stabiliser + R-Stabiliser Up					7.66	4.75	4.95	3.16	3.52	2.24	3.25	2.06	7.92
		F-Dozer + R-Stabiliser Down					7.95 *	7.95 *	6.21 *	5.29	5.55 *	3.75	3.47 *	3.47	
		F-Dozer + R-Stabiliser Up					7.69	4.7	4.98	3.13	3.53	2.21	3.27	2.03	
		F-Dozer + R-St. Up - 2.75 m Axles					7.73	5.3	5	3.52	3.55	2.5	3.29	2.3	
	0.0 m	F-Stabiliser + R-Stabiliser Down					9.65 *	9.65 *	7.07 *	6.33	5.95 *	4.54	3.57 *	3.57 *	7.68
		F-Stabiliser + R-Stabiliser Up					7.2	4.35	4.74	2.97	3.43	2.16	3.17	1.99	
		F-Dozer + R-Stabiliser Down					9.65 *	7.74	7.07 *	5.07	5.95 *	3.67	3.57 *	3.39	
		F-Dozer + R-Stabiliser Up					7.23	4.3	4.76	2.93	3.45	2.13	3.19	1.97	
	-1.5 m	F-Dozer + R-St. Up - 2.75 m Axles					7.26	4.89	4.79	3.32	3.47	2.42	3.2	2.23	7.12
		F-Stabiliser + R-Stabiliser Down					10.63 *	9.69	7.73 *	6.19	6.26 *	4.49	3.83 *	3.83 *	
		F-Stabiliser + R-Stabiliser Up					6.99	4.17	4.61	2.85	3.39	2.12	3.29	2.06	
		F-Dozer + R-Stabiliser Down					10.63 *	7.53	7.73 *	4.93	6.26 *	3.62	3.83 *	3.51	
	-3.0 m	F-Dozer + R-Stabiliser Up					7.02	4.12	4.63	2.81	3.4	2.09	3.3	2.03	7.12
		F-Dozer + R-St. Up - 2.75 m Axles					7.06	4.71	4.65	3.19	3.42	2.37	3.32	2.31	
		F-Stabiliser + R-Stabiliser Down			11.87 *	11.87 *	10.83 *	9.68	7.96 *	6.17			4.37 *	4.37 *	
		F-Stabiliser + R-Stabiliser Up			11.87 *	7.62	6.98	4.16	4.59	2.83			3.68	2.31	
	7.5 m	F-Dozer + R-Stabiliser Down			11.87 *	11.87 *	10.83 *	7.52	7.96 *	4.91			4.37 *	3.93	7.12
		F-Dozer + R-Stabiliser Up			11.87 *	7.53	7.01	4.11	4.61	2.79			3.7	2.28	
		F-Dozer + R-St. Up - 2.75 m Axles			11.87 *	8.75	7.05	4.7	4.63	3.18			3.72	2.58	
		F-Dozer + R-St. Up - 2.75 m Axles													

Lifting capacities

DX210W-5

W/O Bucket

One-piece boom 5.6 m Arm 3.0 m Counterweight 4.0 t	7.5 m	F-Stabiliser + R-Stabiliser Down							5.46 *	5.46 *			4.39 *	4.39 *	6.42
		F-Stabiliser + R-Stabiliser Up							5.46 *	4			4.39 *	3.53	
		F-Dozer + R-Stabiliser Down							5.46 *	5.46 *			4.39 *	4.39 *	
		F-Dozer + R-Stabiliser Up							5.46 *	3.97			4.39 *	3.5	
	6.0 m	F-Dozer + R-St. Up - 2.75 m Axles							5.46 *	4.38			4.39 *	3.87	7.48
		F-Stabiliser + R-Stabiliser Down							5.43 *	5.43 *			4.08 *	4.08 *	
		F-Stabiliser + R-Stabiliser Up							5.43 *	3.98			4.05	2.71	
		F-Dozer + R-Stabiliser Down							5.43 *	5.43 *			4.08 *	4.08 *	
	4.5 m	F-Dozer + R-Stabiliser Up							5.43 *	3.95			4.07	2.68	8.13
		F-Dozer + R-St. Up - 2.75 m Axles							5.43 *	4.36			4.08 *	2.98	
		F-Stabiliser + R-Stabiliser Down					6.96 *	6.96 *	5.95 *	5.95 *	5.43 *	5.15	4.00 *	4.00 *	
		F-Stabiliser + R-Stabiliser Up					6.96 *	5.92	5.71	3.82	4	2.67	3.49	2.31	
	3.0 m	F-Dozer + R-Stabiliser Down					6.96 *	6.96 *	5.95 *	5.95 *	5.43 *	4.24	4.00 *	3.7	8.46
		F-Dozer + R-Stabiliser Up					6.96 *	5.87	5.73	3.79	4.02	2.64	3.5	2.28	
		F-Dozer + R-St. Up - 2.75 m Axles					6.96 *	6.51	5.76	4.2	4.03	2.93	3.52	2.55	
		F-Stabiliser + R-Stabiliser Down					8.71 *	8.71 *	6.74 *	6.74 *	5.75 *	5.03	4.09 *	4.09 *	
	1.5 m	F-Stabiliser + R-Stabiliser Up					8.45	5.4	5.46	3.59	3.89	2.56	3.21	2.1	8.51
		F-Dozer + R-Stabiliser Down					8.71 *	8.71 *	6.74 *	5.8	5.75 *	4.13	4.09 *	3.41	
		F-Dozer + R-Stabiliser Up					8.48	5.35	5.48	3.56	3.91	2.54	3.23	2.08	
		F-Dozer + R-St. Up - 2.75 m Axles					8.52	5.98	5.5	3.96	3.92	2.83	3.24	2.32	
	0.0 m	F-Stabiliser + R-Stabiliser Down					10.21 *	10.21 *	7.49 *	6.85	6.09 *	4.9	4.34 *	4.06	8.30
		F-Stabiliser + R-Stabiliser Up					7.92	4.94	5.2	3.36	3.77	2.45	3.12	2.02	
		F-Dozer + R-Stabiliser Down					10.21 *	8.48	7.49 *	5.54	6.09 *	4.01	4.34 *	3.32	
		F-Dozer + R-Stabiliser Up					7.95	4.89	5.23	3.33	3.78	2.42	3.14	2	
	-1.5 m	F-Dozer + R-St. Up - 2.75 m Axles					7.99	5.51	5.25	3.73	3.8	2.72	3.15	2.25	7.78
		F-Stabiliser + R-Stabiliser Down	6.82 *	6.82 *	10.81 *	10.81 *	10.84 *	10.44	7.92 *	6.66	6.25 *	4.81	4.81 *	4.17	
		F-Stabiliser + R-Stabiliser Up	6.82 *	6.82 *	10.81 *	10.81 *	7.63	4.69	5.03	3.2	3.68	2.37	3.2	2.06	
		F-Dozer + R-Stabiliser Down	6.82 *	6.82 *	10.81 *	10.81 *	10.84 *	8.19	7.92 *	5.37	6.25 *	3.92	4.81 *	3.41	
	-3.0 m	F-Dozer + R-Stabiliser Up					7.67	4.64	5.05	3.17	3.69	2.34	3.21	2.04	6.90
		F-Dozer + R-St. Up - 2.75 m Axles					7.7	5.25	5.08	3.57	3.71	2.63	3.23	2.29	
		F-Stabiliser + R-Stabiliser Down	6.82 *	6.82 *	10.81 *	10.81 *	10.57 *	10.35	7.82 *	6.58	5.96 *	4.79	5.60 *	4.56	
		F-Stabiliser + R-Stabiliser Up	6.82 *	6.82 *	10.81 *	10.81 *	7.55	4.62	4.96	3.14	3.66	2.35	3.49	2.25	
	-4.5 m	F-Dozer + R-Stabiliser Down	6.82 *	6.82 *	10.81 *	10.81 *	10.57 *	8.11	7.82 *	5.29	5.96 *	3.89	5.60 *	3.72	5.48
		F-Dozer + R-Stabiliser Up	6.82 *	6.82 *	10.81 *	10.81 *	8.29	7.59	4.57	4.98	3.11	3.67	3.51	2.22	
		F-Dozer + R-St. Up - 2.75 m Axles	6.82 *	6.82 *	10.81 *	10.81 *	9.56	7.62	5.18	5.01	3.5	3.69	3.52	2.5	
		F-Stabiliser + R-Stabiliser Down					13.02 *	13.02 *	9.40 *	9.40 *	6.94 *	6.63	5.54 *	5.46	
	-6.0 m	F-Stabiliser + R-Stabiliser Up					13.02 *	8.55	7.63	4.68	5	3.18	4.16	2.68	6.90
		F-Dozer + R-Stabiliser Down					13.02 *	13.02 *	9.40 *	8.18	6.94 *	5.34	5.54 *	4.43	
		F-Stabiliser + R-Stabiliser Up					13.02 *	8.47	7.66	4.64	5.03	3.15	4.18	2.65	
		F-Dozer + R-St. Up - 2.75 m Axles					13.02 *	9.75	7.7	5.25	5.05	3.54	4.2	2.98	
	-7.5 m	F-Stabiliser + R-Stabiliser Down					6.80 *	6.80 *					5.05 *	5.05 *	5.48
		F-Stabiliser + R-Stabiliser Up					6.80 *	4.9					5.05 *	3.8	
		F-Dozer + R-Stabiliser Down					6.80 *	6.80 *					5.05 *	5.05 *	
		F-Dozer + R-Stabiliser Up					6.80 *	4.85					5.05 *	3.76	
	-9.0 m	F-Dozer + R-St. Up - 2.75 m Axles					6.80 *	5.47					5.05 *	4.22	5.48
		F-Stabiliser + R-Stabiliser Down													
		F-Stabiliser + R-Stabiliser Up													
		F-Dozer + R-Stabiliser Down													



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

- 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.

Doosan Buckets

4 More. More choice - More durable - More strength - More performance!

General Construction Bucket



The General purpose bucket is designed for digging and re-handling soft to medium materials (e.g. materials with low wear characteristics such as top-soil, loam, coal).

Heavy Construction Bucket



The Heavy duty bucket is designed for mass excavations in dense materials such as hard packed clay, shot limestone, limited rock content and gravel.

Severe Mining Bucket



The Severe duty bucket is designed for durability in digging compact materials like loose or blasted rock, hard packed clay and stone.

X-treme Mining Bucket



The X-treme duty bucket is designed as a long-life version of the Severe duty bucket for digging in the most abrasive materials.