

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 Turbocharged, Exhaust Gas Recirculation (EGR) & Selective Catalytic Reduction (SCR) with no Diesel Particulate Filter (DPF).

DX235LCR-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)
(ISO 9249)	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, 100 Ah - 24 V, 80 A
Air filter	Double element air cleaner

Undercarriage

Extremely robust construction throughout - made of high-quality, durable materials, with all welded structures designed to limit stresses.

- Track rollers lubricated for life
- Idlers and sprockets fitted with floating seals
- Track shoes made of induction-hardened alloy with triple grouser
- Heat-treated connecting pins
- Hydraulic track adjuster with shock-absorbing tension mechanism

► Number of rollers and track shoes per side

DX235LCR-5	
Upper rollers (standard shoe)	2
Lower rollers	9
Number of links & shoes per side	49
Link pitch	190 mm
Overall track length	4445 mm

Weight

Standard boom 5700 mm, standard arm 2900 mm, standard bucket 0.92 m³

	Shoe width (mm)	Operating weight (t)	Ground pressure (kgf/cm ²)
Triple grouser	600 (Std)	24.3	0.52
	700	24.6	0.45
	800	24.9	0.40
	900	25.2	0.36

Component weights

Item	Unit	Weight	Remarks
Upper structure without front	kg	12370	With counterweight
Lower structure assembly	kg	7718	
Front assembly	kg	4233	
Counterweight	kg	6450	
Boom	mm kg	5700 / 5850 two-piece 1482 / 1953	Including bushing
Arm	mm kg	2400 / 2900 599 / 687	Including bushing
Dozer blade (2990 mm)	kg	899	For 600 mm shoe (dozer cylinder (each) 90 kg)

Hydraulic system

The e-EPOS (Electronic Power Optimising System) is the brain of the excavator - minimising fuel consumption and enabling the efficiency of the hydraulic system to be optimised 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

► Pumps & system pressure

DX235LCR-5	
Main pump, type:	Variable displacement tandem axial piston pump
Maximum flow at 1900 rpm	2 × 222.3 l/min
Pilot pump, type:	Gear pump
Maximum flow at 1900 rpm	26 l/min
Relief valve settings:	
Implement	350 kg/cm ²
Travel	350 kg/cm ²
Pressure up	370 kg/cm ²
Swing	300 kg/cm ²
Pilot	40 kg/cm ²

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	130 × 90 × 1355
Arm	1	135 × 95 × 1490
Bucket	1	120 × 80 × 1060
Two-piece boom	1	130 × 90 × 1280
Two-piece arm	1	140 × 100 × 1450

➤ 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

► Swing speed & torque

	DX235LCR-5
Maximum swing speed	11.3 rpm
Maximum swing torque	9850 kgf/m

➤ Drive

Each track is driven by an independent, high-torque axial piston motor through a planetary reduction gearbox. Two levers / foot pedals guarantee smooth travel with counter-rotation on demand.

The track frame protects the travel motor, brake and planetary gears. The multi-disc track brakes are spring-applied and hydraulic released.

► Speed & traction

	DX235LCR-5
Travel speed (low - high)	3.2 - 5.8 km/h
Maximum traction	29.2 t
Maximum gradeability	35° / 70%

➤ Fluid capacities

	DX235LCR-5
Fuel tank	310 l
Cooling system (radiator)	31 l
Hydraulic oil tank	190 l
Engine oil	27 l
Swing drive	5 l
Travel device	2 × 3 l

➤ Cab

The air-conditioning and heating systems are integrated for optimal climate control. An automatically-controlled fan supplies the pressurised and filtered cab air, which is distributed throughout the cab from multiple vents.

The heated air suspension, adjustable operator's seat includes a seat belt. The operator can adjust the ergonomic seat and joystick console separately according to his preferences.

► Noise emission

	DX235LCR-5
A-weighted emission sound pressure level at the operator's position, LpAd (ISO 6396:2008)	Declared : 74 dB(A)
A-weighted sound power level, LwAd (2000/14/EC)	Declared : 103 dB(A) Measured : 101 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

Bucket Type	Capacity (m³) SAE	Width (mm)		Weight (kg)	One-piece boom		Two-piece boom	
		With side cutters	W/O side cutters		Arm 2.4 m	Arm 2.9 m	Arm 2.4 m	Arm 2.9 m
GP	0.51	772	722	529	A	A	A	A
	0.81	1128	1065	654	A	A	A	A
	0.92	1236	1173	697	A	A	A	A
	1.05	1372	1309	751	A	B	B	B
	1.17	1493	1430	809	B	C	B	C
	1.28	1607	1544	848	C	C	C	D
HD	0.73	982	916	732	A	A	A	A
	0.90	1130	1064	804	A	A	A	A
	1.07	1286	1220	864	B	B	A	C
	1.24	1438	1372	923	C	C	C	D
	1.32	1516	1450	967	C	D	C	D

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

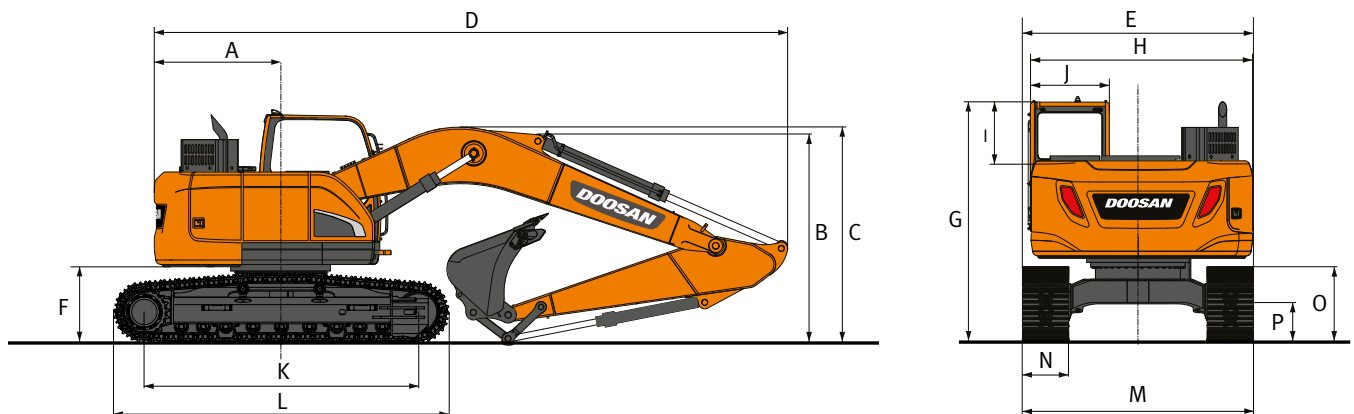
B: Suitable for materials with a density less than or equal to 1800 kg/m³

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.

Dimensions



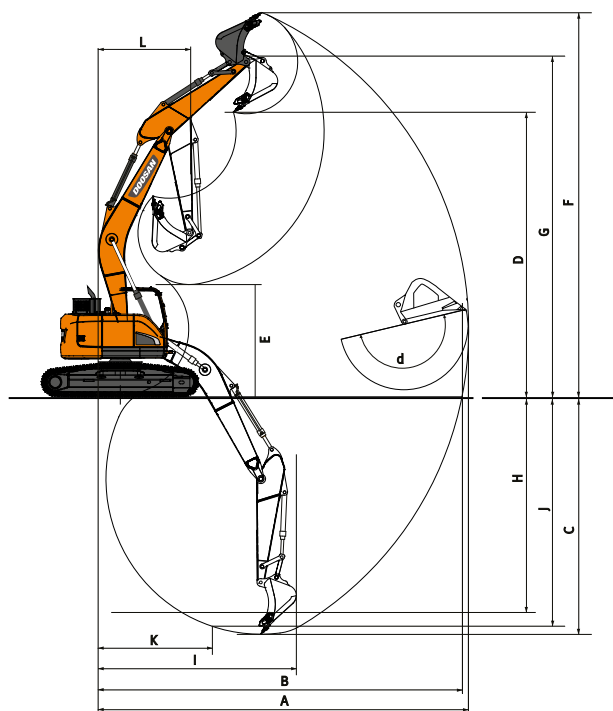
Dimensions

	One-piece boom		Two-piece boom	
	5700		5850 (3100 LB + 2800 UB)	
	2400	2900	2400	2900
Boom length - mm	2400	2900	2400	2900
Arm length - mm	2400	2900	2400	2900
Bucket capacity - m³	1.05	0.92	0.92	0.81
A Tail swing radius - mm	1680	1680	1680	1680
B Shipping height (boom) - mm	2980	2870	3180	3210
C Shipping height (hose) - mm	3115	2970	3180	3210
Shipping height (with guard rail) - mm	3385	3385	3385	3385
D Shipping length - mm	9025	8975	9160	9150
E Shipping width std. - mm	2990	2990	2990	2990
F Counterweight clearance - mm	1060	1060	1060	1060
G Height over cab - mm	3080	3080	3080	3080
H House width - mm	2870	2870	2870	2870
I Cab height above house - mm	760	760	760	760
J Cab width - mm	1022	1022	1022	1022
K Tumbler distance - mm	3650	3650	3650	3650
L Track length - mm	4445	4445	4445	4445
M Undercarriage width std - mm	2990	2990	2990	2990
N Shoe width std. - mm	600	600	600	600
O Track height - mm	945	945	945	945
P Ground clearance - mm	475	475	475	475

Digging forces (ISO)

	One-piece boom		Two-piece boom	
	5700		5850 (3100 LB + 2800 UB)	
	2400	2900	2400	2900
Boom length - mm	2400	2900	2400	2900
Arm length - mm	2400	2900	2400	2900
Bucket capacity - m³	1.05	0.92	0.92	0.81
BUCKET (Normal / Press. Up) - ton	15.2 / 16.0	15.2 / 16.0	15.2 / 16.0	15.2 / 16.0
ARM (Normal / Press. Up) - ton	12.3 / 13.0	10.5 / 11.1	12.3 / 13.0	10.5 / 11.1

Working range



Working range

	One-piece boom		Two-piece boom	
	5700		5850 (3100 LB + 2800 UB)	
Boom length - mm	2400		2400	
Arm length - mm	2900		2900	
Bucket capacity - m ³	1.05		0.92	
A Max. digging reach - mm	9405	9820	9605	10035
B Max. digging reach (ground) - mm	9205	9630	9415	9870
C Max. digging depth - mm	6170	6670	5920	6390
D Max. loading height - mm	7690	7950	8190	8515
E Min. loading height - mm	3735	3150	4270	3665
F Max. digging height - mm	10550	10795	11087	11405
G Max. bucket pin height - mm	9145	9405	9642	9970
H Max. vertical wall depth - mm	5040	5325	4786	5185
I Max. radius vertical - mm	6270	6575	6530	6770
J Max. digging depth (8' level) - mm	5925	6445	5799	6275
K Min. radius 8' line - mm	2610	2565	1695	1695
L Min. swing radius - mm	2540	2310	2545	2505
d Bucket angle - °	177	177	177	177

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



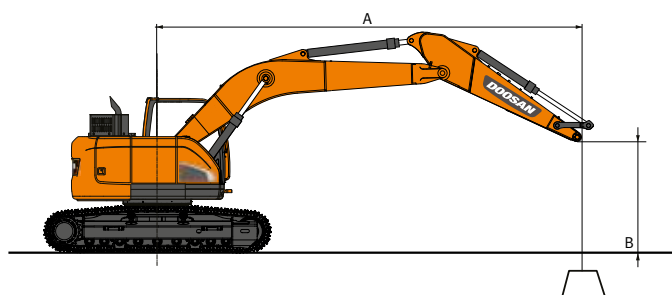
The X-treme duty bucket is designed as a long-life version of the Severe duty bucket for digging in the most abrasive materials.

Lifting capacities

DX235LCR-5

Standard track width: 2990 mm • W/O Bucket

Unit: 1000 kg	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		
	B													A
One-piece boom 5.7 m Arm 2.4 m Shoe 600 mm Counterweight 6.45 t	9.0 m											8.18 *	8.18 *	3.44
	7.5 m					7.04 *	7.04 *					6.51 *	5.6	5.60
	6.0 m					7.43 *	7.43 *	6.89 *	5			6.04 *	4.04	6.80
	4.5 m					8.88 *	7.56	7.42 *	4.84	5.44	3.37	5.43	3.36	7.51
	3.0 m					10.86 *	6.97	7.56	4.59	5.35	3.29	4.95	3.04	7.87
	1.5 m					11.53	6.51	7.31	4.37	5.24	3.19	4.81	2.93	7.94
	0.0 m					11.3	6.32	7.15	4.23	5.17	3.12	4.97	3.01	7.71
	-1.5 m			11.39 *	11.39 *	11.29	6.3	7.11	4.19			5.52	3.33	7.17
	-3.0 m			13.72 *	12.58	10.36 *	6.43	7.23	4.3			6.87	4.11	6.22
	-4.5 m			9.11 *	9.11 *	6.58 *	6.58 *					6.27 *	6.27 *	4.61
One-piece boom 5.7 m Arm 2.4 m Shoe 800 mm Counterweight 6.45 t	9.0 m											8.18 *	8.18 *	3.44
	7.5 m					7.04 *	7.04 *					6.51 *	5.72	5.60
	6.0 m					7.43 *	7.43 *	6.89 *	5.12			6.04 *	4.14	6.80
	4.5 m					8.88 *	7.73	7.42 *	4.95	5.58	3.46	5.57	3.45	7.51
	3.0 m					10.86 *	7.14	7.75	4.71	5.49	3.38	5.09	3.13	7.87
	1.5 m					11.83	6.68	7.5	4.48	5.38	3.27	4.94	3.01	7.94
	0.0 m					11.6	6.48	7.34	4.34	5.31	3.21	5.1	3.09	7.71
	-1.5 m			11.39 *	11.39 *	11.59	6.47	7.3	4.31			5.67	3.42	7.17
	-3.0 m			13.72 *	12.9	10.36 *	6.6	7.42	4.41			7.05	4.22	6.22
	-4.5 m			9.11 *	9.11 *	6.58 *	6.58 *					6.27 *	6.27 *	4.61
One-piece boom 5.7 m Arm 2.9 m Shoe 600 mm Counterweight 6.45 t	9.0 m					6.22 *	6.22 *	5.35 *	5.12			5.67 *	5.67 *	4.34
	7.5 m					6.67 *	6.67 *	6.33 *	5.11			4.80 *	4.80 *	6.19
	6.0 m					6.67 *	6.67 *	6.33 *	5.11			4.53 *	3.66	7.28
	4.5 m			10.66 *	10.66 *	8.10 *	7.73	6.94 *	4.92	5.51	3.43	4.50 *	3.1	7.95
	3.0 m					10.12 *	7.1	7.63	4.64	5.38	3.31	4.59	2.81	8.29
	1.5 m					11.59	6.55	7.33	4.37	5.24	3.18	4.46	2.71	8.36
	0.0 m			6.58 *	6.58 *	11.25	6.26	7.12	4.19	5.13	3.09	4.57	2.76	8.14
	-1.5 m	7.17 *	7.17 *	11.18 *	11.18 *	11.16	6.19	7.04	4.12	5.11	3.07	5	3	7.63
	-3.0 m	11.97 *	11.97 *	15.09 *	12.25	10.99 *	6.27	7.1	4.18			6.01	3.6	6.75
	-4.5 m			11.14 *	11.14 *	8.22 *	6.54					6.61 *	5.2	5.31
One-piece boom 5.7 m Dozer blade Arm 2.9 m Shoe 600 mm Counterweight 6.45 t	9.0 m					6.22 *	6.22 *	5.35 *	5.35 *			5.67 *	5.67 *	4.34
	7.5 m					6.67 *	6.67 *	6.33 *	5.44			4.80 *	4.80 *	6.19
	6.0 m					6.67 *	6.67 *	6.33 *	5.44			4.53 *	3.92	7.28
	4.5 m			10.66 *	10.66 *	8.10 *	8.10 *	6.94 *	5.25	6.16	3.68	4.50 *	3.33	7.95
	3.0 m					10.12 *	7.59	7.85 *	4.97	6.03	3.56	4.66 *	3.04	8.29
	1.5 m					11.83 *	7.04	8.22	4.71	5.89	3.43	5.02 *	2.93	8.36
	0.0 m			6.58 *	6.58 *	12.53 *	6.75	8.01	4.53	5.79	3.34	5.16	2.99	8.14
	-1.5 m	7.17 *	7.17 *	11.18 *	11.18 *	12.24 *	6.68	7.93	4.46	5.77	3.32	5.64	3.25	7.63
	-3.0 m	11.97 *	11.97 *	15.09 *	13.16	10.99 *	6.76	7.99	4.51			6.77	3.88	6.75
	-4.5 m			11.14 *	11.14 *	8.22 *	7.03					6.61 *	5.59	5.31



 : 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.

Lifting capacities

DX235LCR-5

Standard track width: 2990 mm • W/O Bucket

Unit: 1000 kg	A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Max. reach		
	B													A
Two-piece boom 5.85 m Arm 2.4 m Shoe 600 mm Counterweight 6.45 t	9.0 m			9.35 *	9.35 *							7.98 *	7.98 *	3.90
	7.5 m					8.32 *	8.3					6.48 *	5.18	5.89
	6.0 m			7.59 *	7.59 *	8.61 *	8.09	7.14 *	5.03			6.01 *	3.8	7.03
	4.5 m					10.76 *	7.55	7.65 *	4.82	5.48	3.35	5.21	3.17	7.72
	3.0 m					12.07 *	6.86	7.59	4.54	5.36	3.24	4.77	2.87	8.08
	1.5 m					11.5	6.37	7.3	4.28	5.23	3.12	4.63	2.77	8.14
	0.0 m					11.28	6.18	7.13	4.14	5.16	3.06	4.78	2.84	7.92
	-1.5 m			9.78 *	9.78 *	9.76 *	6.2	7.11	4.11			5.29	3.14	7.39
	-3.0 m					6.95 *	6.36	5.23 *	4.23			4.28 *	3.86	6.47
Two-piece boom 5.85 m Arm 2.9 m Shoe 600 mm Counterweight 6.45 t	9.0 m					6.13 *	6.13 *					5.57 *	5.57 *	4.74
	7.5 m					6.58 *	6.58 *	5.95 *	5.15			4.76 *	4.48	6.47
	6.0 m					6.78 *	6.78 *	6.74 *	5.11	4.60 *	3.44	4.49 *	3.41	7.53
	4.5 m			13.53 *	13.53 *	9.62 *	7.7	7.23 *	4.87	5.52	3.38	4.45 *	2.89	8.17
	3.0 m					11.60 *	6.96	7.62	4.56	5.36	3.24	4.39	2.63	8.51
	1.5 m					11.5	6.36	7.28	4.26	5.21	3.09	4.26	2.53	8.57
	0.0 m					11.15	6.06	7.06	4.06	5.09	2.99	4.37	2.58	8.36
	-1.5 m			9.88 *	9.88 *	10.46 *	6.02	6.99	4	5.07	2.97	4.77	2.81	7.86
	-3.0 m			9.21 *	9.21 *	8.01 *	6.13	6.17 *	4.07			4.54 *	3.34	7.01
Two-piece boom 5.85 m Dozer blade Arm 2.9 m Shoe 600 mm Counterweight 6.45 t	9.0 m					6.13 *	6.13 *					5.57 *	5.57 *	4.74
	7.5 m					6.58 *	6.58 *	5.95 *	5.49			4.76 *	4.76 *	6.47
	6.0 m					6.78 *	6.78 *	6.74 *	5.44	4.60 *	3.69	4.49 *	3.66	7.53
	4.5 m			13.53 *	13.53 *	9.62 *	8.19	7.23 *	5.21	5.76 *	3.63	4.45 *	3.12	8.17
	3.0 m					11.60 *	7.45	8.12 *	4.89	6.02	3.49	4.58 *	2.85	8.51
	1.5 m					12.35 *	6.84	8.17	4.59	5.86	3.35	4.82	2.75	8.57
	0.0 m					11.91 *	6.55	7.95	4.4	5.75	3.24	4.94	2.8	8.36
	-1.5 m			9.88 *	9.88 *	10.46 *	6.5	7.88	4.33	5.73	3.22	5.36 *	3.04	7.86
	-3.0 m			9.21 *	9.21 *	8.01 *	6.62	6.17 *	4.4			4.54 *	3.62	7.01
Two-piece boom 5.85 m Arm 2.9 m Shoe 800 mm Counterweight 6.45 t	9.0 m					6.13 *	6.13 *					5.57 *	5.57 *	4.74
	7.5 m					6.58 *	6.58 *	5.95 *	5.31			4.76 *	4.62	6.47
	6.0 m					6.78 *	6.78 *	6.74 *	5.26	4.60 *	3.55	4.49 *	3.53	7.53
	4.5 m			13.53 *	13.53 *	9.62 *	7.92	7.23 *	5.03	5.69	3.49	4.45 *	3	8.17
	3.0 m					11.60 *	7.19	7.85	4.71	5.54	3.35	4.53	2.73	8.51
	1.5 m					11.86	6.58	7.51	4.41	5.38	3.21	4.41	2.63	8.57
	0.0 m					11.51	6.29	7.29	4.22	5.26	3.11	4.52	2.68	8.36
	-1.5 m			9.88 *	9.88 *	10.46 *	6.24	7.22	4.15	5.24	3.09	4.93	2.91	7.86
	-3.0 m			9.21 *	9.21 *	8.01 *	6.36	6.17 *	4.22			4.54 *	3.47	7.01



Standard and optional equipment

Engine

Doosan DLo6, Stage IV compliant, SCR, EGR, DOC, water-cooled diesel engine with Wastegate Turbocharger and air-to-air intercooler	●
Auto-idle function	●
Auto shut-off	●
No DPF	●

Hydraulic system

Boom and arm flow regeneration	●
Swing anti-rebound valves	●
Spare ports (valve)	●
One-touch power boost function	●
Smart Power Control (SPC)	●
Breaker piping	●
Cylinder cushioning & contamination seals	●
Control of auxiliary hydraulic flow and pressure from the display panel	●

Cab & Interior

Pressurised, sound-insulated and CabSus mounted cab	●
Heated, adjustable air suspension seat with adjustable headrest and armrest	●
Air conditioning with climate control	●
Pull-up type front window with sun roller blind and removable lower front window	●
Sliding left window	●
Intermittent upper and lower windshield wiper	●
Rain visor	●
Rear window defroster switch	●
Adjustable PPC wrist control levers for arm, boom, bucket and swing	●
Joysticks and pedal provide proportional control of auxiliary lines for attachments	●
Travel pedals and hand levers	●
Jog shuttle switch	●
7" (18 cm) TFT LCD colour monitor panel	●
Attachment management system (10 presets)	●
Engine speed (RPM) control dial	●
Automatic travel speed	●
4 operating modes & 4 working modes	●
Electric horn	●
Cigarette lighter	●
Ceiling light	●
Cup holder	●
Multiple storage compartments (e.g. document holder under seat)	●
Storage area (tools, etc.)	●
Hot and cool box	●
Flat, spacious, easy-to-clean floor	●
Master key	●
Anti-theft protection	●
12 V spare power socket	●
Serial communication port for laptop PC interface	●
Remote radio ON/OFF switch	●
Loudspeakers and connections for radio	●
MP3/USB radio or MP3/USB radio with CD player	○

Safety

Roll Over Protective Structure (ROPS)	●
Boom and arm cylinder safety valves	●
Overload warning device	●
Large guard rails on upper structure and steps	●
Rotating beacon	●
Rear-view camera	●
Punched metal anti-slip plates	●
Hydraulic safety lock lever	●
Safety glass	●
Hammer for emergency escape	●
Right and left rear-view mirrors	●
Lockable fuel cap and covers	●
Battery cut-off switch	●
Engine restart prevention system	●
Parking brake	●
Work lights (2 front frame, 4 front cab-mounted, 2 rear cab-mounted, 2 boom-mounted and 1 rear side)	●
Emergency engine stop switch and hydraulic pump control switch	●
FOGS cab - top and front cab guards (ISO 10262)	○
Front window upper and lower guards	○

Other

Boom: 5700 mm – arm: 2900 mm – counterweight: 6450 kg	●
"Doosan Connect" Telematic system	●
Auto shut-off fuel filler pump	●
Double element air cleaner	●
Fuel pre-filter with water separator sensor	●
Dust screen for radiator/oil cooler	●
Self-diagnostic function	●
Alternator (24 V, 80 A) - Battery (2 × 12 V, 100 Ah)	●
Hydrostatic 2-speed travel system with automatic shift	●
Remote greasing for swing circle and work group pivot points	●
Guards for work lights	●
Arms: one-piece boom 2400 mm or two-piece boom 2400 and 2900 mm	○
Booms: two-piece boom 5850 mm	○

Doosan buckets: full range of GP, HD & Rock buckets	○
Doosan breakers and Doosan quick-couplers	○
Hydraulic piping for crusher, quick-coupler, clamshell, tilting and rotating buckets	○
Additional filter for breaker piping	○
Straight travel pedal (not to be combined with two-piece boom)	○
Bio oil	○
Automatic lubrication system	○

Undercarriage

Hydraulic track adjuster	●
Normal track guards	●
Greased and sealed track links	●
600 mm triple grouser shoe	●
600 mm rubber pads	○
700, 800, 900 mm triple grouser shoe	○
Dozer blade 2990 mm (for 600 mm shoes)	○

Standard: ●
Optional: ○



Rubber pads



Dozer blade



Straight travel pedal



Two-piece boom



Doosan buckets



Doosan breakers and quick-couplers

Some of these options may be standard in some markets. Some of these options may not be available for certain markets. Please check with your local DOOSAN dealer for more information about availability or to adapt your machine to your application needs.