

## [Notice]

This is **preliminary** product contents to introduce DX-7 new models. Product specifications or features **can be changed** in development and validation process without notice.



# New DX210 -7 (short track) Specifications

**DX210-7**

**2021.04.**

**DIEU Product Management**

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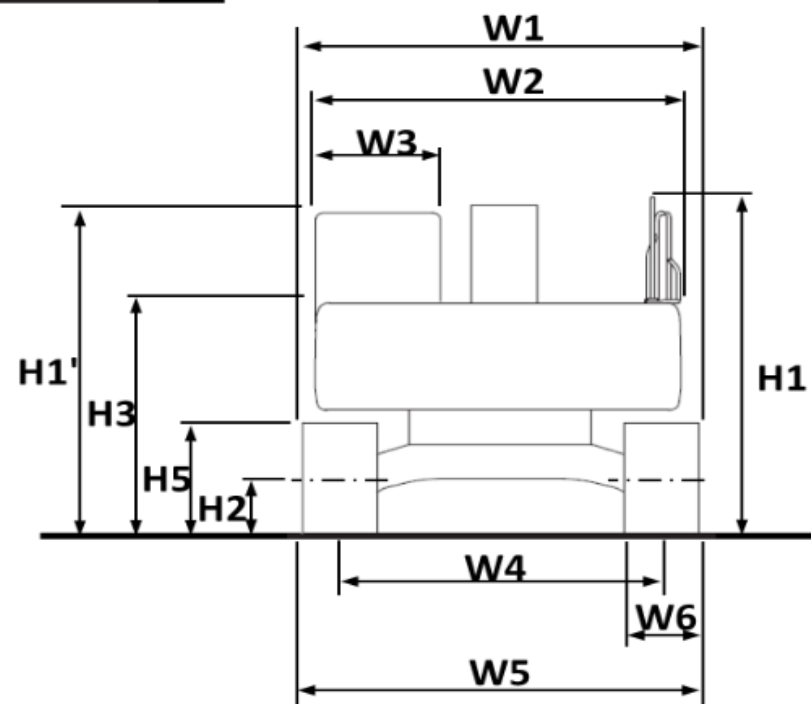
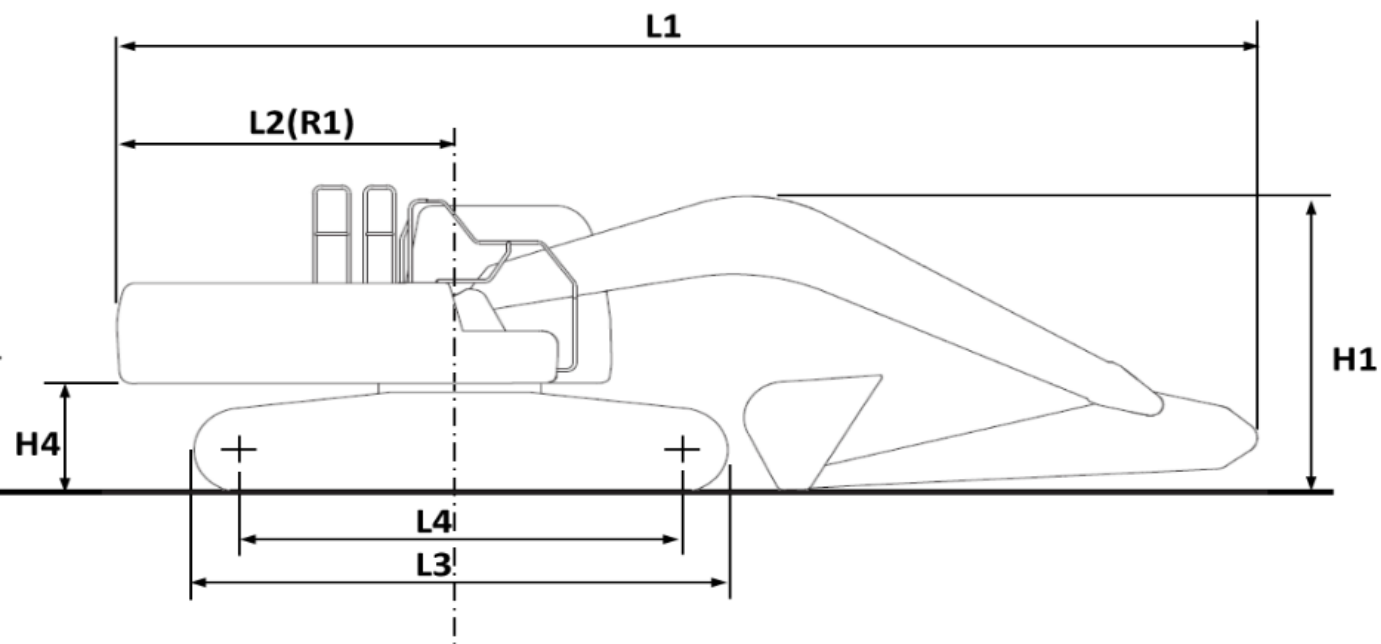
# DX210-7 Spécifications

MODEL	DX210-7 short track
BOOM	Mono 5600mm
ARM	2600 mm
CTW	4700KG
OPERATING WEIGHT	21300kg
ENGINE	Doosan DL06 Stage V 6CYL
ENGINE DISPLACEMENT	5900 cc
POWER ISO, gross	124kW / 166HP @1800rpm
AFTER TREATMENT	no EGR SCR DOC DPF
ARM FORCE normal /boost	[ISO]10.8/11.4 Ton
BUCKET FORCE normal /boost	[ISO] 15.5/16.5 Ton
SWING FORCE	9,334 kgf.m
TRACTION FORCE MAX	226 KN
LIFTING @4,5M (ground)	10,66T
LIFTING @4,5M SIDE	6,89T
LIFTING @6M (ground)	6,9T
LIFTING @6M SIDE	4,66T
LIFTING MAX REACH (ground)	4,72T
LIFTING MAX REACH SIDE	3,25 T
MAX. DIGGING REACH (ground)	9535 mm
MAX. DIGGING DEPTH	6270 mm
MAX. DIGGING HEIGHT	9330 mm
PUMP FLOW	420L/mn (2 x 210)

# DX210-7 (short track) Lifting performance

	F 3 m	S 3 m	F 4.5 m	S 4.5 m	F 6 m	S 6 m	F 7.5 m	S 7.5 m	Max. F	Max. S	Reach (m)
7.5 m									4.74 *	4.74 *	Max. at(m) 5.70
6 m					5.62 *	5,37			4.35 *	4,28	Max. at(m) 6.89
4.5 m			7.08 *	7.08 *	6.07 *	5,23	5.00 *	3,7	4.26 *	3,61	Max. at(m) 7.61
3 m			8.81 *	7,56	6.83 *	5,01	5,21	3,62	4.36 *	3,29	Max. at(m) 7.98
1.5 m			10.30 *	7,11	7,06	4,8	5,1	3,52	4,6	3,18	Max. at(m) 8.06
0 m			10,66	6,89	6,9	4,66	5,03	3,46	4,72	3,25	Max. at(m) 7.85
-1.5 m	11.56 *	11.56 *	10,61	6,85	6,85	4,61			5,19	3,56	Max. at(m) 7.34
-3 m	13.04 *	13.04 *	9.50 *	6,93	6,92	4,68			6.21 *	4,29	Max. at(m) 6.43
-4.5 m	9.28 *	9.28 *	6.67 *	6.67 *					5.80 *	5.80 *	Max. at(m) 4.92

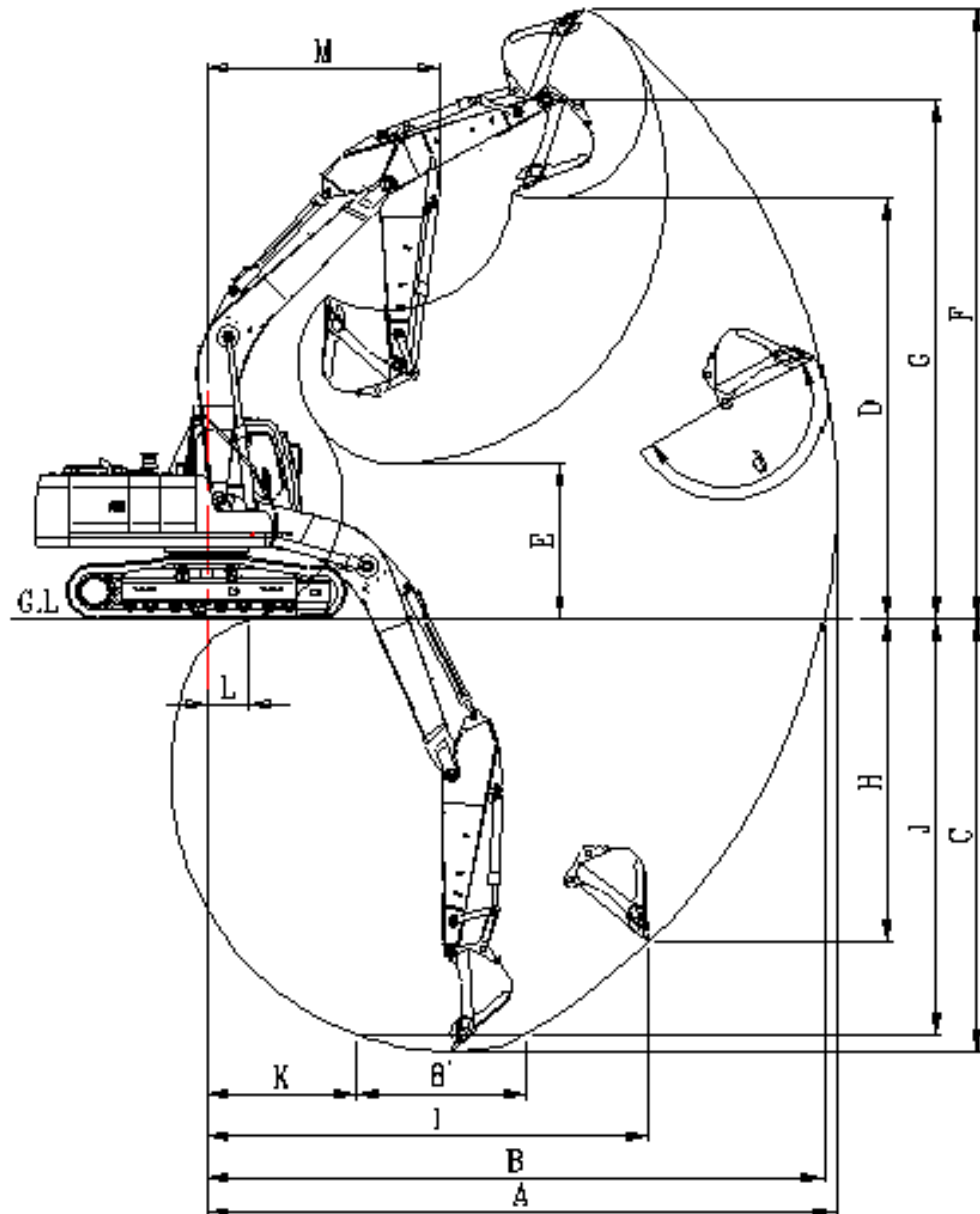
# KEY DIMENSIONS DX210-7



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Boom				5.6
Arm				2.6
Bucket				0.92
Undercarriage (Track+Grouser)				STD+TG
Under Attachment				None
Overall	L1	Overall Length		9,445
	L1'	Overall Length w/o Front		4,831
	H1	Overall Height	Boom	2,965
			Hose	3,139
			Cabin	2979
			Hand/Guard Rail	3176
	W1	Overall Width		2,800
	R1	Rear Swing Radius		2,815
Swing Body	H2	Ground Clearance*		*450.5
	W2	House Width		2,540
	W3	Cabin Width		1,010
	H3	Height Over Cover		2,139
Undercarriage	H4	Counterweight Clearance*		*1066
	H5	Track Height*		*883
	L3	Track Length		4,014
	L4	Tumbler Distance		3,270
	W5	Undercarriage Width	STD/LC	2,800
			Narrow	
	W6	Shoe Width		600
	etc.	Grouser Height		26

## DX210-7 working range



# DX210-7 working range

BOOM TYPE(ONE PIECE)	(mm)		5600
ARM TYPE	(mm)		2600
BUCKET TYPE (SAE)	(m <sup>3</sup> )		0.92
MAX. DIGGING REACH	(mm)	A	9535
MAX. DIGGING REACH (GROUND)	(mm)	B	9360
MAX. DIGGING DEPTH	(mm)	C	6270
MAX. LOADING HEIGHT	(mm)	D	6590
MIN. LOADING HEIGHT	(mm)	E	2650
MAX. DIGGING HEIGHT	(mm)	F	9330
MAX. BUCKET PIN HEIGHT	(mm)	G	8055
MAX. VERTICAL WALL DEPTH	(mm)	H	5370
MAX. RADIUS VERTICAL	(mm)	I	6200
MAX. DEPTH TO 2500mm LINE	(mm)	J	6065
MIN. RADIUS 2500mm LINE	(mm)	K	2755
MIN. DIGGING REACH	(mm)	L	1140
MIN. SWING RADIUS	(mm)	M	3565
BUCKET ANGLE	(deg)	d	177

# DX210 -7 Spécifications

DX210 -7 Options list	
Engine	
Doosan DL06V (5.890 cc) Stage V compliant SCR DOCand DPF, water-cooled diesel engine with Wastegate Turbocharger and air-to-air intercooler. 124 kW (166 HP) @ 1800 rpm (SAE J1995)	std
Auto-idle function	std
Auto shut-off	std
No EGR	std
Hydraulic system	
Boom and arm flow regeneration	std
fine swing mode, on or off from cabin	std
Swing anti-rebound valves	std
Spare ports (valve)	std
One-touch power boost function	std
double way line high flow + Breaker piping (PE3C)	std
Cylinder cushioning & contamination seals	std
Clamshell piping (diverter valve from bucket cylinder)	option
Hydraulic piping low flow for rotating or tilting tool (joystick control)	option
Hydraulic piping for quick-coupler	option
Double pump flow	option
floating boom	option



Cab & Interior	
Pressurised sound-insulated and CabSus mounted cab	std
Fully adjustable air suspension seat with heater	std
Air conditioning with climate control	std
Pull-up type front window sun roller blind and removable lower front window	std
Sliding left window	std
Intermittent upper and lower windshield parralel wiper	std
Rain visor	std
Rear window defroster switch	std
Adjustable PPC wrist control levers for arm boom bucket and swing	std
Joysticks &pedals provide proportional control of auxiliary hydraulic lines	std
Pedal for auxiliary control 1 & 2 ways	std
Jog shuttle switch	std
New 8 inch color LCD gauge panel installed with touch-enabled	std
Attachment management system	std
Engine speed (RPM) control dial	std
Automatic travel speed	std
4 operating modes & 4 working modes	std
Multiple storage compartments (e.g. document holder under seat)	std
Storage area (tools etc.)	std
Hot and cool box	std
Flat spacious easy-to-clean floor	std
Keyless start (Smart key) & Remote Door lock/unlock	std
Anti-theft protection	std
12 V spare power socket	std
Serial communication port for laptop PC interface	std
Remote radio ON/OFF switch	std
Loudspeakers and connections for radio	std
RADIO+MP3(STEREO) with Bluetooth Streaming and Handsfree call	std
Rear and side view camera	std
360° Around View Camera	option
360° Around View Camera + ultra sonic detection	option
Fully adjustable air suspension seat ( heating & cooling )	option

# DX210 -7 Spécifications

Safety	
Roll Over Protective Structure (ROPS)	std
Boom and arm cylinder safety valves	std
Overload warning device	std
Large guard rails on upper structure and steps	std
Rotating beacon	std
Punched metal anti-slip plates	std
Hydraulic safety lock lever	std
Safety glass	std
Hammer for emergency escape	std
Right and left rear-view mirrors	std
Lockable fuel cap and covers	std
Battery cut-off switch	std
Emergency engine stop switch and hydraulic pump control switch	std
Engine restart prevention system	std
Guard rails (ISO 2867:2011)	std
Parking brake	std
LED 9 Work lights (2 boom lamp, 5 body lamps, 2 additional lamps on cabin )	std
LED Work lights 4 additionnal lamps	option
FOGS cab - top and front cab guards (ISO 10262)	option
Front window upper and lower guards	option

# DX210 -7 Spécifications

Other	
Mono Boom:5600 mm	std
Arms: 2600 mm	std
Doosan Connect Telematic system	std
Auto shut-off fuel filler pump	std
Double element air cleaner and pre-filtered Turbo dust separator	std
Fuel pre-filter with water separator sensor	std
Dust screen for radiator/oil cooler	std
Self-diagnostic function	std
Alternator (24 V 100 A) - Battery (2 × 12 V 150 Ah)	std
Hydrostatic drive with 2-speed power shift transmission	std
Remote greasing for swing circle and work group pivot points	std
Doosan buckets: full range of GP HD & Rock buckets	option
Doosan breakers and Doosan quick-couplers	option
Automatic lubrication system	option
Air Compressor	option
Undercarriage	
Standard fixed undercarriage 2900mm with 700mm shoes	std
700 mm triple grouser shoes	std
600 mm triple grouser shoes	option
800 mm triple grouser shoes	option

## E.O.D

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