

DEVELON

Wheel Excavator

DX210W-7K



Engine

Make	DEVELON
Model	DL06V
Number of cylinders	6
Rated power, gross (hp per SAE J1995)	189.1 hp (141 kW) @ 1900 rpm
Rated power, net (hp per SAE J1349)	171.2 hp (127.7 kW) @ 1900 rpm
Max. torque, gross (SAE J1995)	593.0 ft.-lb. (804.0 Nm) @ 1400 rpm
Displacement	360.0 in. ³ (5.9 L)
Bore and stroke	3.9" x 4.9" (100 mm x 125 mm)
Starter	24 V, 8.0 hp (6.0 kW)
Battery	2 x 12 V, 150 AH
Alternator	24 V, 100 A
Air cleaner	Three-stage

Hydraulics

Main pumps	2 x 62.3 gpm (2 x 236 L/min.)
Pilot pump (gear design)	7.2 gpm (27.4 L/min.)

Working Pressure

Boom/arm/bucket (normal mode)	5077.7 psi (357 kg/cm ²)
Boom/arm/bucket (power boost)	5362.2 psi (377 kg/cm ²)
Travel	5362.2 psi (377 kg/cm ²)
Swing	3982.5 (280 kg/cm ²)
Pilot	583.2 psi (41 kg/cm ²)

Tires & Wheels (standard)

Type	Double
Tire specification	10.0 – 20 – 16 PR, V Pattern, TUBE
Rim specification	7.50 V x 20
Disc offset	155 mm

Swing Mechanism

Swing speed	0 – 10.0 rpm
Swing torque	59223.9 lbf.-ft. (8188.0 kgf-m)

Drive System

Travel speed [creep – low – high]	2.5 – 5.6 – 21.7 mph (4.0 – 9.0 – 35.0 km/h)
Traction force, max. (drawbar pull)	26455.5 lbf. (12000.0 kgf)
Max. grade (limited by engine lubrication)	70% (35°)

Environment

Sound level (2000/14/EC)	102 dB(A)
Cabin sound level (ISO 6396)	71 dB(A)

Refill Capacities

Fuel tank	911 gal. (345 L)
DEF tank	8.3 gal. (31.5 L)
Cooling system (radiator capacity)	8.6 gal. (32.4 L)
Engine oil (with filter)	7.1 gal. (27.0 L)
Swing drive	1.3 gal. (5.0 L)
Front axle	2.5 gal. (9.6 L)
Front hub (2x)	0.7 gal. (2.5 L)
Rear axle	3.5 gal. (13.4 L)
Rear hub (2x)	0.7 gal. (2.5 L)
Transmission	0.7 gal. (2.5 L)
Hydraulic system	76.6 gal. (290.0 L)
Hydraulic tank	32.8 gal. (124.0 L)

All capacities are approximate values. Always refer to the machine's OM for exact refill levels. Check the dipstick, level eye, level plug, etc., to achieve the correct level.

NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. All dimensions are given for DEVELON excavators equipped with standard tires and the standard front as listed. Pictures of DEVELON excavators may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Rounding may impact specifications. DEVELON equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008.

Technical Specifications

Hydraulic Cylinders	Mono Boom (US20/30)	Articulated Boom (US40/50)
Boom main (2) bore x rod diameter x stroke	4.7" x 3.3" x 49.0" (120 mm x 85 mm x 1244 mm)	4.7" x 3.3" x 41.1" (120 mm x 85 mm x 1045 mm)
Boom articulated (1) bore x rod diameter x stroke	–	6.7" x 4.1" x 30.0" (170 mm x 105 mm x 763 mm)
Arm* (1) bore x rod diameter x stroke	5.3" x 3.7" x 57.1" (135 mm x 95 mm x 1450 mm)	5.3" x 3.9" x 60.6" (135 mm x 100 mm x 1538 mm)
Bucket (STD) (1) bore x rod diameter x stroke	4.7" x 3.1" x 41.7" (120 mm x 80 mm x 1060 mm)	
Steering (1) bore x rod diameter x stroke	3.9" x 2.0" x 3.4" (100 mm x 50 mm x 85.5 mm)	
Chocking (2) bore x rod diameter x stroke	3.9" x 3.9" x 6.0" (100 mm x 100 mm x 153 mm)	
Dozer (2) bore x rod diameter x stroke	5.1" x 3.1" x 6.3" (130 mm x 80 mm x 160 mm)	
Outrigger (2 or 4) bore x rod diameter x stroke	5.1" x 3.1" x 15.4" (130 mm x 80 mm x 391 mm)	

*Does not include cushioning

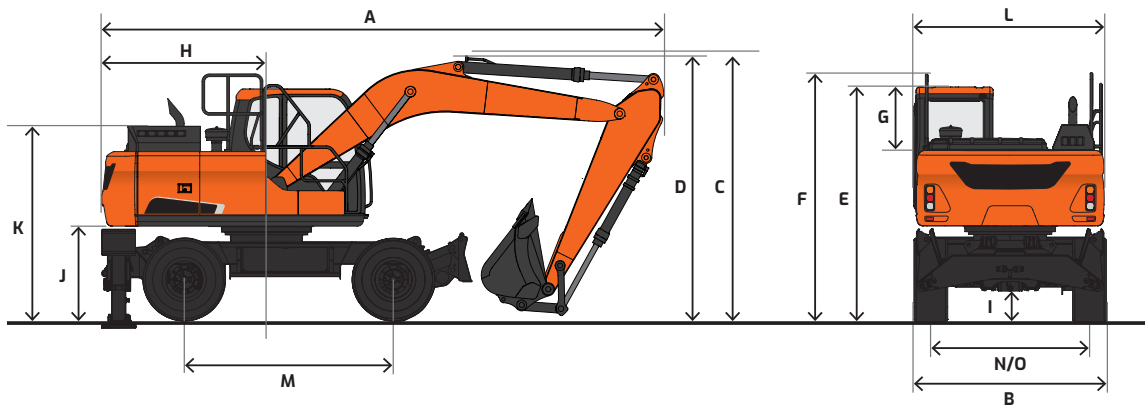
The piston rods and cylinder bodies are made of high-strength steel. A shock-absorbing mechanism is fitted in all cylinders to ensure shock-free operation and extended piston life.

NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. All dimensions are given for DEVELON excavators equipped with standard tires and the standard front as listed. Pictures of DEVELON excavators may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Rounding may impact specifications. DEVELON equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008.

Dimensions

		Mono Boom (U520)	Mono Boom (U530)	Articulated Boom (U540)	Articulated Boom (U550)
Boom length		18' 4.5" (5600 mm)		17' 8.6" (5400 mm) Lower: 6' 3.6" (1920 mm) Upper: 12' 7.2" (3840 mm)	
Arm length		9' 0.3" (2750 mm)		7' 10.5" (2400 mm)	
Bucket size (SAE)		1.12 yd³ (0.86 m³)			
Shipping length	A	31' 0.8" (9470 mm)		30' 6.1" (9300 mm)	
Shipping width	B	8' 2.4" (2500 mm)			
Shipping height (hose)	C	10' 4.8" (3170 mm)		10' 5.0" (3175 mm)	
Shipping height (boom)	D	10' 1.5" (3085 mm)		9' 9.7" (2990 mm)	
Cabin height	E	10' 4.2" (3155 mm)			
Overall height to guardrail	F	–			
Cabin height above house	G	2' 9.6" (853 mm)			
Tail swing radius	H	9' 1.3" (2777 mm)			
Car body clearance	I	13.3" (337 mm)			
Counterweight clearance	J	4' 1.5" (1258 mm)			
Engine cover height	K	7' 6.6" (2302 mm)			
Upper structure width	L	8' 2.2" (2495 mm)			
Wheel base	M	9' 4.2" (2850 mm)			
Tread width	N	6' 3.4" (1914 mm)			
Tread width wide axle	O	6' 11.2" (2114 mm)			
Blade width*		8' 2.4" (2500 mm)	–	8' 2.4" (2500 mm)	–
Blade width wide axle		9' 0.3" (2750 mm)	–	9' 0.3" (2750 mm)	–
Undercarriage width*		16' 8.0" (5080 mm)	16' 3.5" (4965 mm)	16' 8.0" (5080 mm)	16' 3.5" (4965 mm)
Outrigger length (rear)*		3' 3.3" (999 mm)			
Outrigger length (front)*		–	3' 7.9" (1116 mm)	–	3' 7.9" (1116 mm)
Blade length*		4' 0.5" (1231 mm)	–	4' 0.5" (1231 mm)	–
Blade clearance (raised)*		1' 5.5" (445 mm)	–	1' 5.5" (445 mm)	–
Blade height*		2' 0.8" (630 mm)	–	2' 0.8" (630 mm)	–
Max. blade depth*		-4.9" (-125 mm)	–	-4.9" (-125 mm)	–
Outrigger width (ground)*		11' 4.4" (3465 mm)			
Outrigger width (max. depth)*		11' 11.3" (3640 mm)			
Max. outrigger depth*		-3.5" (-90 mm)			
Tire size*		10.0 – 20 – 16 PR			

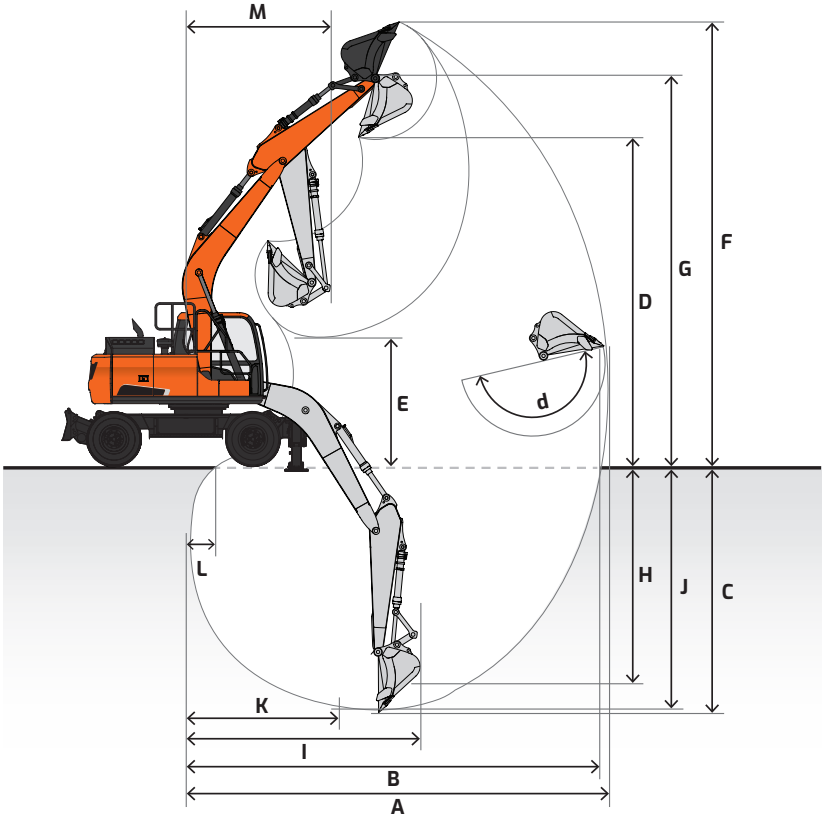
*Not shown on diagram



Working Range

		Mono Boom Dozer/Outriggers (2 R) (US20)		Outriggers (2 F/2 R) (US30)	Articulated Boom Dozer/Outriggers (2 R) (US40)		Outriggers (2 F/2 R) (US50)	
Boom length		18' 4.5" (5600 mm)			17' 8.6" (5400 mm) Lower: 6' 3.6" (1920 mm) Upper: 12' 7.2" (3840 mm)			
Boom articulated		–			6' 4.0" (1920 mm)			
Arm length		9' 0.3" (2750 mm)			7' 10.5" (2400 mm)			
Bucket size (SAE)		1.12 yd³ (0.86 m³)						
Counterweight		8800 lb. (4000 kg)						
Max. digging reach	A	31' 10.1" (9705 mm)			30' 10.7" (9415 mm)			
Max. digging reach (ground)	B	31' 2.2" (9505 mm)			30' 2.4" (9205 mm)			
Max. digging depth	C	19' 4.5" (5905 mm)			18' 4.7" (5605 mm)			
Max. loading height	D	23' 4.1" (7115 mm)			25' 0.0" (7620 mm)			
Min. loading height	E	9' 3.8" (2840 mm)			11' 1.5" (3390 mm)			
Max. digging height	F	32' 4.6" (9870 mm)			34' 6.6" (10530 mm)			
Max. bucket pin height	G	28' 1.4" (8570 mm)			29' 9.3" (9075 mm)			
Max. vertical wall depth	H	17' 3.9" (5280 mm)			10' 0.7" (3065 mm)			
Max. radius vertical	I	20' 10.6" (6365 mm)			25' 7.3" (7805 mm)			
Max. depth to 8' line	J	18' 9.0" (5715 mm)			18' 0.5" (5500 mm)			
Min. radius to 8' line	K	10' 5.2" (3180 mm)			2' 8.9" (835 mm)			
Min. digging reach	L	2' 9.5" (850 mm)			–			
Min. swing radius	M	10' 9.9" (3300 mm)			10' 8.3" (3260 mm)			
Bucket angle (DEG)	d	178°			177°			
Digging force, bucket (PCSA)*	ISO	34392.1 lbf. (15600 kgf)				27998.7 lbf. (12700 kgf)		
Digging force, arm*		24912.2 lbf. (11300 kgf)						
Operating weight		50706 lb. (23000 kg)		51623 lb. (23416 kg)		50684 lb. (22990 kg)		51601 lb. (23406 kg)

*With power boost ON



Lifting Capacity

 Rating over front  Rating over side or 360°

DX210W-7K US20

Mono Boom: 18' 4.5" (5600 mm) | Arm: 9' 0.3" (2750 mm) | Counterweight: 8800 lb. (4000 kg) | Front Dozer & Rear Outriggers UP | Bucket: None | Unit: lb. (kg)

A B (ft. or m) (ft. or m)	5' (1.5 m)	10' (3.0 m)	15' (4.5 m)	20' (6.0 m)	25' (7.5 m)	Max. Reach	A
25' (7.5 m)						* 10060 (* 4560)	19.67' (6.00 m)
20' (6.0 m)				* 12530 (* 5680)	9040 (4100)	* 9330 (* 4230)	23.41' (7.14 m)
15' (4.5 m)			* 16050 (* 7280)	13400 (6080)	13180 (5980)	8710 (3950)	25.67' (7.82 m)
10' (3.0 m)			19490 (8840)	12300 (5580)	12650 (5740)	8230 (3730)	26.82' (8.18 m)
5' (1.5 m)			18390 (8340)	11350 (5150)	12130 (5500)	7760 (3520)	27.04' (8.24 m)
Ground Level			17840 (8090)	10870 (4930)	11780 (5340)	7440 (3380)	26.33' (8.02 m)
-5' (-1.5 m)		* 25160 (* 11410)	19500 (8840)	17720 (8040)	10760 (4880)	11660 (5290)	24.6' (7.50 m)
-10' (-3.0 m)		* 27650 (* 12540)	19900 (9030)	17910 (8120)	10930 (4960)	11790 (5350)	21.62' (6.59 m)
-15' (-4.5 m)			* 13890 (* 6300)	11450 (5190)			15.95' (4.86 m)

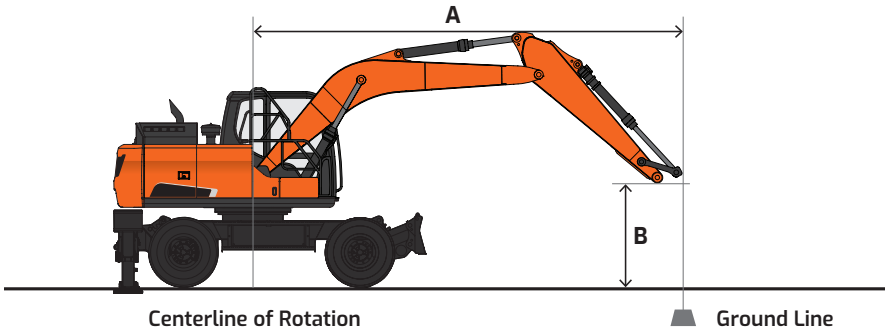
DX210W-7K US20

Mono Boom: 18' 4.5" (5600 mm) | Arm: 9' 0.3" (2750 mm) | Counterweight: 8800 lb. (4000 kg) | Front Dozer & Rear Outriggers DOWN | Bucket: None | Unit: lb. (kg)

A B (ft. or m) (ft. or m)	5' (1.5 m)	10' (3.0 m)	15' (4.5 m)	20' (6.0 m)	25' (7.5 m)	Max. Reach	A
25' (7.5 m)						* 10060 (* 4560)	19.67' (6.00 m)
20' (6.0 m)				* 12530 (* 5680)	* 12530 (* 5680)	* 9330 (* 4230)	23.41' (7.14 m)
15' (4.5 m)			* 16050 (* 7280)	* 16050 (* 7280)	* 13590 (* 6160)	* 13590 (* 6160)	25.67' (7.82 m)
10' (3.0 m)			* 19850 (* 9000)	* 19850 (* 9000)	* 15250 (* 6920)	13290 (6030)	26.82' (8.18 m)
5' (1.5 m)			* 22990 (* 10430)	19460 (8830)	* 16820 (* 7630)	12760 (5790)	27.04' (8.24 m)
Ground Level			* 24090 (* 10930)	18890 (8570)	* 17630 (* 8000)	12410 (5630)	26.33' (8.02 m)
-5' (-1.5 m)		* 25160 (* 11410)	* 25160 (* 11410)	* 23220 (* 10530)	18770 (8510)	* 17240 (* 7820)	24.6' (7.50 m)
-10' (-3.0 m)		* 27650 (* 12540)	* 27650 (* 12540)	* 20330 (* 9220)	18970 (8600)	* 14950 (* 6780)	21.62' (6.59 m)
-15' (-4.5 m)			* 13890 (* 6300)	* 13890 (* 6300)			15.95' (4.86 m)

A Distance from center of rotation
B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on. Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Rated loads marked with an asterisk (*) are limited by hydraulic capacities. The least stable position is over the side. The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.



Lifting Capacity

 Rating over front  Rating over side or 360°

DX210W-7K US30

Mono Boom: 18' 4.5" (5600 mm) | Arm: 9' 0.3" (2750 mm) | Counterweight: 8800 lb. (4000 kg) | Front & Rear Outriggers UP | Bucket: None | Unit: lb. (kg)

A (ft. or m) \ B (ft. or m)	5' (1.5 m)	10' (3.0 m)	15' (4.5 m)	20' (6.0 m)		25' (7.5 m)		Max. Reach			
										A	
25' (7.5 m)								* 10060 (* 4560)	9050 (4110)	19.67' (6.00 m)	
20' (6.0 m)					* 12530 (* 5680)	9080 (4120)		* 9330 (* 4230)	6770 (3070)	23.41' (7.14 m)	
15' (4.5 m)			* 16050 (* 7280)	13460 (6100)	13160 (5970)	8760 (3970)	9260 (4200)	6140 (2790)	8630 (3910)	5700 (2590)	25.67' (7.82 m)
10' (3.0 m)			19460 (8830)	12360 (5600)	12630 (5730)	8270 (3750)	9050 (4100)	5940 (2700)	7910 (3590)	5170 (2350)	26.82' (8.18 m)
5' (1.5 m)			18360 (8330)	11410 (5170)	12110 (5490)	7800 (3540)	8800 (3990)	5720 (2590)	7680 (3480)	4980 (2260)	27.04' (8.24 m)
Ground Level			17810 (8080)	10920 (4960)	11760 (5330)	7490 (3400)	8630 (3920)	5560 (2520)	7870 (3570)	5080 (2300)	26.33' (8.02 m)
-5' (-1.5 m)		* 25160 (* 11410)	19600 (8890)	17690 (8020)	10820 (4910)	11640 (5280)	7370 (3340)		8620 (3910)	5550 (2520)	24.6' (7.50 m)
-10' (-3.0 m)		* 27650 (* 12540)	20000 (9070)	17880 (8110)	10990 (4980)	11770 (5340)	7490 (3400)		10410 (4720)	6690 (3040)	21.62' (6.59 m)
-15' (-4.5 m)				* 13890 (* 6300)	11510 (5220)				* 12520 (* 5680)	10390 (4710)	15.95' (4.86 m)

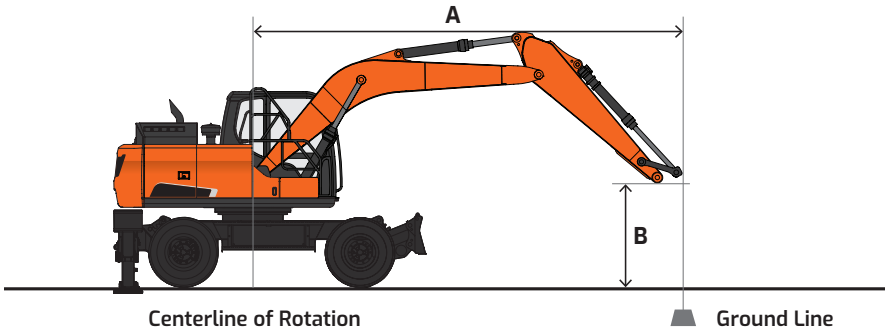
DX210W-7K US30

Mono Boom: 18' 4.5" (5600 mm) | Arm: 9' 0.3" (2750 mm) | Counterweight: 8800 lb. (4000 kg) | Front & Rear Outriggers DOWN | Bucket: None | Unit: lb. (kg)

A B (ft. or m)	5' (1.5 m) 	10' (3.0 m) 	15' (4.5 m) 	20' (6.0 m) 	25' (7.5 m) 	Max. Reach  A					
25' (7.5 m)						* 10060 (* 4560)	* 10060 (* 4560)	19.67' (* 4560)			
20' (6.0 m)				* 12530 (* 5680)	* 12530 (* 5680)	* 9330 (* 4230)	* 9330 (* 4230)	23.41' (714 m)			
15' (4.5 m)			* 16050 (* 7280)	* 16050 (* 7280)	* 13590 (* 6160)	* 13590 (* 6160)	* 12390 (* 5620)	11710 (5310)	* 9180 (* 4170)	* 9180 (* 4170)	25.67' (782 m)
10' (3.0 m)			* 19850 (* 9000)	* 19850 (* 9000)	* 15250 (* 6920)	* 15250 (* 6920)	* 12990 (* 5890)	11490 (5210)	* 9440 (* 4280)	* 9440 (* 4280)	26.82' (818 m)
5' (1.5 m)			* 22990 (* 10430)	* 22990 (* 10430)	* 16820 (* 7630)	15630 (7090)	* 13650 (* 6190)	11230 (5100)	* 10100 (* 4580)	9780 (4440)	27.04' (8.24 m)
Ground Level			* 24090 (* 10930)	23860 (10820)	* 17630 (* 8000)	15260 (6920)	* 13870 (* 6290)	11050 (5010)	* 11320 (* 5130)	10060 (4560)	26.33' (8.02 m)
-5' (-1.5 m)			* 25160 (* 11410)	* 25160 (* 11410)	* 23220 (* 10530)	* 23220 (* 10530)	* 17240 (* 7820)	15120 (6860)	* 12910 (* 5860)	11040 (5010)	24.6' (7.50 m)
-10' (-3.0 m)			* 27650 (* 12540)	* 27650 (* 12540)	* 20330 (* 9220)	* 20330 (* 9220)	* 14950 (* 6780)	* 14950 (* 6780)	* 12780 (* 5790)	* 12780 (* 5790)	21.62' (6.59 m)
-15' (-4.5 m)					* 13890 (* 6300)	* 13890 (* 6300)			* 12520 (* 5680)	* 12520 (* 5680)	15.95' (4.86 m)

A Distance from center of rotation
B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on. Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Rated loads marked with an asterisk (*) are limited by hydraulic capacities. The least stable position is over the side. The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.



Lifting Capacity

 Rating over front  Rating over side or 360°

DX210W-7K US40

2-PC Boom: 17' 8.6" (5400 mm) | Arm: 7' 10.5" (2400 mm) | Counterweight: 8800 lb. (4000 kg) | Front Dozer & Rear Outriggers UP | Bucket: None | Unit: lb. (kg)

A (ft. or m) B (ft. or m)	5' (1.5 m)	10' (3.0 m)	15' (4.5 m)	20' (6.0 m)	25' (7.5 m)	Max. Reach	A	
30' (9.0 m)						* 14570 (* 6610)	* 14570 (* 6610)	11.05' (3.37 m)
25' (7.5 m)			* 11080 (* 5030) * 11080 (* 5030)			* 9800 (* 4440)	* 9800 (* 4440)	18.32' (5.59 m)
20' (6.0 m)			* 11350 (* 5150) * 11350 (* 5150)	* 11300 8940 (* 5130) (4060)		* 8390 (* 3800)	7170 (3250)	22.28' (6.79 m)
15' (4.5 m)			* 13850 13320 (* 6280) (6040)	* 12150 8690 (* 5510) (3940)	* 8220 6030 (* 3730) (2740)	* 7810 (* 3540)	6010 (2730)	24.65' (7.51 m)
10' (3.0 m)			* 17790 12270 (* 8070) (5570)	12710 8250 (5760) (3740)	9120 5940 (4140) (2690)	* 7660 (* 3470)	5470 (2480)	25.86' (7.88 m)
5' (1.5 m)			18530 11420 (8410) (5180)	12250 7830 (5560) (3550)	8930 5770 (4050) (2620)	* 7840 (* 3560)	5310 (2410)	26.08' (7.95 m)
Ground Level			18090 11030 (8210) (5000)	11960 7570 (5430) (3440)	8830 5670 (4010) (2570)	* 8390 (* 3810)	5480 (2490)	25.33' (7.72 m)
-5' (-1.5 m)			18070 11010 (8200) (5000)	11920 7530 (5410) (3420)		9470 (4290)	6100 (2760)	23.54' (7.17 m)

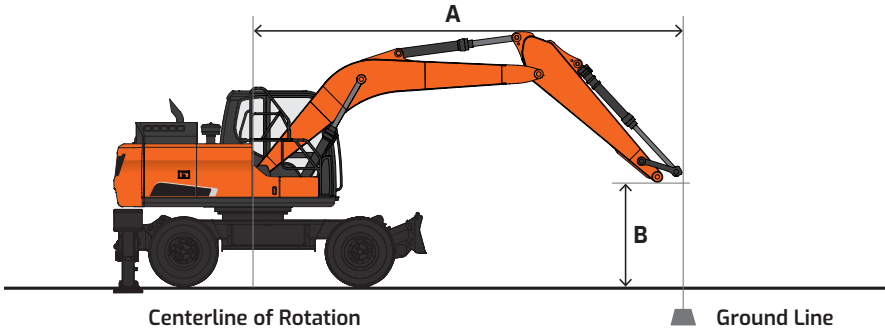
DX210W-7K US40

2-PC Boom: 17' 8.6" (5400 mm) | Arm: 7' 10.5" (2400 mm) | Counterweight: 8800 lb. (4000 kg) | Front Dozer & Rear Outriggers DOWN | Bucket: None | Unit: lb. (kg)

A (ft. or m) B (ft. or m)	5' (1.5 m)	10' (3.0 m)	15' (4.5 m)	20' (6.0 m)	25' (7.5 m)	Max. Reach	A	
30' (9.0 m)						* 14570 (* 6610)	* 14570 (* 6610)	11.05' (3.37 m)
25' (7.5 m)			* 11080 (* 5030) * 11080 (* 5030)			* 9800 (* 4440)	* 9800 (* 4440)	18.32' (5.59 m)
20' (6.0 m)			* 11350 (* 5150) * 11350 (* 5150)	* 11300 (* 5130) * 11300 (* 5130)		* 8390 (* 3800)	* 8390 (* 3800)	22.28' (6.79 m)
15' (4.5 m)			* 13850 (* 6280) * 13850 (* 6280)	* 12150 (* 5510) * 12150 (* 5510)	* 8220 (* 3730) * 8220 (* 3730)	* 7810 (* 3540)	* 7810 (* 3540)	24.65' (7.51 m)
10' (3.0 m)			* 17790 (* 8070) 19610 (8890)	* 13880 (* 6300) 13350 (6060)	* 12380 (* 5620) 9570 (4340)	* 7660 (* 3470)	* 7660 (* 3470)	25.86' (7.88 m)
5' (1.5 m)			* 21520 (* 9760) 19610 (8890)	* 15780 (* 7160) 12890 (5850)	* 13240 (* 6010) 9380 (4250)	* 7840 (* 3560)	* 7840 (* 3560)	26.08' (7.95 m)
Ground Level			* 23630 (* 10720) 19160 (8690)	* 17200 (* 7800) 12600 (5710)	* 13900 (* 6300) 9280 (4210)	* 8390 (* 3810)	* 8390 (* 3810)	25.33' (7.72 m)
-5' (-1.5 m)			* 24020 (* 10900) 19130 (8680)	* 17670 (* 8010) 12550 (5690)		* 9520 (* 4320)	* 9520 (* 4320)	23.54' (7.17 m)

A Distance from center of rotation
B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on. Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Rated loads marked with an asterisk (*) are limited by hydraulic capacities. The least stable position is over the side. The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.



Lifting Capacity

 Rating over front  Rating over side or 360°

DX210W-7K US50

2-PC Boom: 17' 8.6" (5400 mm) | Arm: 7' 10.5" (2400 mm) | Counterweight: 8800 lb. (4000 kg) | Front & Rear Outriggers UP | Bucket: None | Unit: lb. (kg)

A (ft. or m) B (ft. or m)	5' (1.5 m)	10' (3.0 m)	15' (4.5 m)	20' (6.0 m)	25' (7.5 m)		Max. Reach	A			
30' (9.0 m)						* 14570 (* 6610)	* 14570 (* 6610)	11.05' (3.37 m)			
25' (7.5 m)			* 11080 (* 5030)	* 11080 (* 5030)		* 9800 (* 4440)	* 9800 (* 4440)	18.32' (5.59 m)			
20' (6.0 m)			* 11350 (* 5150)	* 11350 (* 5150)	* 11300 (* 5130)	8990 (4080)	* 8390 (* 3800)	7210 (3270)	22.28' (6.79 m)		
15' (4.5 m)			* 13850 (* 6280)	13380 (6070)	* 12150 (* 5510)	8730 (3960)	* 8220 (* 3730)	6060 (2750)	* 7810 (* 3540)	6040 (2740)	24.65' (7.51 m)
10' (3.0 m)			* 17790 (* 8070)	12330 (5590)	12690 (5760)	8290 (3760)	9100 (4130)	5970 (2710)	* 7660 (* 3470)	5500 (2490)	25.86' (7.88 m)
5' (1.5 m)			18500 (8390)	11480 (5210)	12230 (5550)	7870 (3570)	8920 (4040)	5800 (2630)	* 7840 (* 3560)	5340 (2420)	26.08' (7.95 m)
Ground Level			18060 (8190)	11090 (5030)	11940 (5420)	7620 (3450)	8820 (4000)	5710 (2590)	* 8390 (* 3810)	5510 (2500)	25.33' (7.72 m)
-5' (-1.5 m)			18040 (8180)	11070 (5020)	11900 (5400)	7570 (3440)			9450 (4290)	6130 (2780)	23.54' (7.17 m)

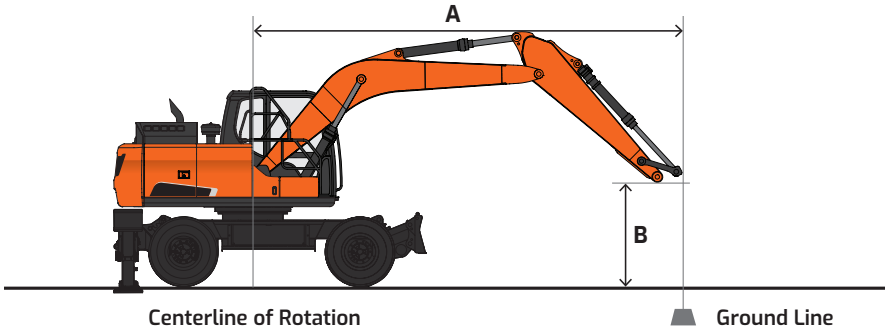
DX210W-7K US50

2-PC Boom: 17' 8.6" (5400 mm) | Arm: 7' 10.5" (2400 mm) | Counterweight: 8800 lb. (4000 kg) | Front & Rear Outriggers DOWN | Bucket: None | Unit: lb. (kg)

A (ft. or m) B (ft. or m)	5' (1.5 m)	10' (3.0 m)	15' (4.5 m)	20' (6.0 m)	25' (7.5 m)		Max. Reach	A			
30' (9.0 m)						* 14570 (* 6610)	* 14570 (* 6610)	11.05' (3.37 m)			
25' (7.5 m)			* 11080 (* 5030)	* 11080 (* 5030)		* 9800 (* 4440)	* 9800 (* 4440)	18.32' (5.59 m)			
20' (6.0 m)			* 11350 (* 5150)	* 11350 (* 5150)	* 11300 (* 5130)	* 11300 (* 5130)	* 8390 (* 3800)	* 8390 (* 3800)	22.28' (6.79 m)		
15' (4.5 m)			* 13850 (* 6280)	* 13850 (* 6280)	* 12150 (* 5510)	* 12150 (* 5510)	* 8220 (* 3730)	* 8220 (* 3730)	* 7810 (* 3540)	* 7810 (* 3540)	24.65' (7.51 m)
10' (3.0 m)			* 17790 (* 8070)	* 17790 (* 8070)	* 13880 (* 6300)	* 13880 (* 6300)	* 12380 (* 5620)	11570 (5250)	* 7660 (* 3470)	* 7660 (* 3470)	25.86' (7.88 m)
5' (1.5 m)			* 21520 (* 9760)	* 21520 (* 9760)	* 15780 (* 7160)	* 15780 (* 7160)	* 13240 (* 6010)	11380 (5160)	* 7840 (* 3560)	* 7840 (* 3560)	26.08' (7.95 m)
Ground Level			* 23630 (* 10720)	* 23630 (* 10720)	* 17200 (* 7800)	15480 (7020)	* 13900 (* 6300)	11270 (5110)	* 8390 (* 3810)	* 8390 (* 3810)	25.33' (7.72 m)
-5' (-1.5 m)			* 24020 (* 10900)	* 24020 (* 10900)	* 17670 (* 8010)	15430 (7000)			* 9520 (* 4320)	* 9520 (* 4320)	23.54' (7.17 m)

A Distance from center of rotation
B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on. Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Rated loads marked with an asterisk (*) are limited by hydraulic capacities. The least stable position is over the side. The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.



Standard & Optional Equipment

■ Standard ● Optional

Engine

Emissions (EPA), T4f	■
High-pressure common-rail (HPCR)	■
Turbo, waste gate (WGT)	■
Cooled exhaust gas recirculation (CEGR)	■
Diesel oxidation catalyst (DOC)	■
Selective catalytic reduction (SCR)	■
Diesel exhaust fluid (DEF)	■
Fuel filter with water separator	■
Coolant expansion tank	■
Dual element dry-type air filter with evacuator	■
Precleaner	■
Electronic engine control (ECU)	■
Auto idle	■
Auto shutdown (time-adjustable)	■
Overheat & low oil pressure engine protection	■
Water separator with heater	■

Hydraulic

Mechatronics Design	■
Variable axial piston main pump (tandem)	■
Cross-sensing pump control	■
Pilot-operated control valves	■
Gear pilot pump	■
Smart Power Control (SPC)	■
Variable-speed hydraulic cooling fan (engine-driven with electric clutch)	■
Axial piston swing motor	■
Spring-applied hydraulic release brake (swing motor)	■
Axial piston travel motor (high/low, auto)	■
Auxiliary hydraulics, one-way piping	■
Auxiliary hydraulics, tilt/rotate piping	■
Adjustable auxiliary flow & pressure, 10 presets	■
Boom & arm lock valves	●
Overload warning device (OWD)	●
Load Isolation System (Ride Control)	■

Electrical

System voltage – 24 V	■
Alternator – 24 V, 100 A	■
2 x 12 V batteries, 150 AH reserve capacity, 950 CCA	■
Blade-type fuse panel	■
Main circuit breaker	■
Lights, work (LED): machine (2), boom (2)	■
Lights, work (LED): 6 cab top, front (4), rear (2)	●
Lights, work (LED): 4 cab top, front (2), rear (2)	●
Rotating beacon	■
Hour meter	■
Engine restart prevention system	■
Rearview camera	■
Smart around view camera, 360°	●
Radar	●
Laptop service port	■
Self-diagnostics system	■
Smart Key (remote ignition key)	■
MY DEVELON (telematics)	■

Cabin

Steel, all-weather & sound-suppressed	■
ROPS (ISO 12117-2:2008)	■
Viscous mount with spring reinforcement	■
Front window with panto wiper/washer	■
Tinted safety glass	■
Skylight top hatch with sun screen	■
Visor, front window skylight & rear window	■
Pull-up type top front window	■
Removable lower front window with storage behind seat	■
Adjustable sliding side door window	■
Defrost, front window	■
Lockable doors	■
Leatherette seat	■
- Heating & cooling	
- Air-suspension	
- 2" (51 mm) seat belt	
- Adjustable height & recline	
- Adjustable fore/aft	
- Adjustable armrests	
Control stands	■
- Height adjustable	
- Mounted to seat base	
Foot rest	■
Storage for operator's manuals	■
Rearview mirrors	■
Fully automatic HVAC with ambient temperature sensor	■
12" DEVELON Smart Touch display monitor	■
Digital Bluetooth® & MP3 radio with cell phone integration	■
Speakers (2)	■
Antenna, roof-mounted	■
Emergency breakout tool	■
Hot/cold beverage compartment	■
Power socket, 12 V & 24 V	■
Cup holder	■
Interior light	■
Coat hanger	■

Display Monitor & Warnings

Indicators	■
- Work modes (P+, P, S, E)	
- User/Service menu	
Gauges	■
- Fuel level	
- DEF level	
- Engine coolant temperature	
- Hydraulic oil temperature	
- Engine rpm	
- Battery voltage	
Warning & indicator lights	■
- Seat belt	
- Error code	
- SCR warning	
- Check engine	
- Engine oil pressure	
- Engine pre-heat engaged	
- Radiator coolant level & temperature	
- Air filter	
Swing alarm	
Travel alarm	
Buzzer	■
- Engine oil pressure	
- Coolant temperature	

Controls

Steering wheel	■
Accelerator pedal	■
Brake pedal	■
Swing lock mechanism for traveling	■
Fine swing control	■
Joystick controls	■
Pattern control change valve (SAE, ISO BHL)	■
Joystick attachment control, switches/buttons	■
- Right (one-way, two-way, power boost)	
- Left (tilt/rotate, horn, one-touch decel)	
Foot pedal attachment control	■
Control stands	■
- Height adjustable	
- Sliding (fore/aft)	
- Tilting armrests	
Engine speed control dial	■
Switches & indicators, steering column	■
- Steering column postional lever	
- Work/travel selector switch	
- Turn signal control lever	
- Hazard warning switch	
Switches, console-mounted	■
- Starter button switch	
- Travel speed selector	
Emergency stop switch	■
Power modes (P+, P, S, E)	■
Work modes (digging, lifting, breaker, shear)	■
Jog dial display control	■
Wiper control panel	■
Audio control panel	■
Joystick steering	■

Undercarriage

Tire size – 10.0 – 20 – 16 ply rating	■
Transmission: 2-speed power-shift with creep	■
Planetary drive front & rear axle	■
Oscillating (±8°) front axle, lockable	■
Steering front axle	■
Dozer	■
Outriggers, front (in place of dozer)	●
Outriggers, rear	■
Toolbox	■

Other

Centralized lubrication	■
- Boom	
- Swing	
Emergency steering	■
Handrails & service platforms	■
Skid-resistant steps & service platforms	■
Wheel chocks	■
Manuals	■
- Operation & Maintenance	
- AEM Safety Manual	
MY DEVELON 3-year subscription (telematics)	■
Vandalism protection	■
- Lockable panels	
- Lockable fluid fill points	
- Anti-theft protection (password)	
- Window cover mount	
Breaker filter	●

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual DEVELON equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of DEVELON units may show other than standard equipment.

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