

DEVELON

Crawler Excavator

DX230LC-9



Engine

Make	DEVELON
Model	DX05V
Number of cylinders	4
Rated power, gross (hp per SAE J1995)	189.1 hp (141.0 kW) @ 1700 rpm
Rated power, net (hp per SAE J1349)	180.5 hp (134.6 kW) @ 1700 rpm
Max. torque, gross (SAE J1995)	704.5 ft.-lb. (955.2 Nm) @ 1400 rpm
Displacement	306.2 in. ³ (5.0 L)
Bore and stroke	4.3" x 5.2" (110 mm x 132 mm)
Starter	24 V, 8.0 hp (6.0 kW)
Battery	2 x 12 V, 150 AH
Alternator	24 V, 90 A
Air cleaner	Three-stage

Hydraulics

Main pumps	2 x 56.0 gpm (2 x 212.0 L/min.)
Pilot pump (gear design)	7.1 gpm (27.0 L/min.)

Working Pressure

Boom/arm/bucket (normal mode)	4978.2 psi (350.0 kg/cm ²)
Boom/arm/bucket (power boost)	5404.9 psi (380.0 kg/cm ²)
Travel	4978.2 psi (350.0 kg/cm ²)
Swing	3988.5 psi (280.0 kg/cm ²)
Pilot	568.9 psi (40.0 kg/cm ²)

Undercarriage

Upper rollers (each track)	2
Lower rollers (each track)	8
Number of shoes (links per side)	49

Swing Mechanism

Max. swing speed	11.1 rpm
Max. swing torque	60922.6 lbf.-ft. (8423.0 kgf-m)

Drive System

Travel speed [low – high]	1.9 – 3.4 mph (3.1 – 5.4 km/h)
Traction force, max. (drawbar pull)	63553.5 lbf. (28827.0 kgf)
Max. grade (limited by engine lub)	70% (35°)

Environment

Sound level (2000/14/EC)	102 dB(A)
Cabin sound level (ISO 6396)	68 dB(A)

Refill Capacities

Fuel tank	103.0 gal. (390.0 L)
DEF tank	15.1 gal. (57.2 L)
Cooling system (radiator capacity)	8.1 gal. (30.6 L)
Engine oil (with filter)	6.9 gal. (26.0 L)
Swing drive	1.1 gal. (4.0 L)
Final drive (each side)	1.0 gal. (3.8 L)
Hydraulic system	60.8 gal. (230.0 L)
Hydraulic tank	34.6 gal. (131.0 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.

Hydraulic Cylinders

Boom ¹ (2) bore x rod diameter x stroke	4.9" x 3.3" x 49.7" (125 mm x 85 mm x 1263 mm)
Arm ^{1,2} (1) bore x rod diameter x stroke	5.5" x 3.9" x 56.8" (140 mm x 100 mm x 1443 mm)
Bucket (STD) ¹ (1) bore x rod diameter x stroke	4.7" x 3.1" x 41.7" (120 mm x 80 mm x 1060 mm)
Bucket (SLR) ¹ (1) bore x rod diameter x stroke	3.7" x 2.6" x 35.4" (95 mm x 65 mm x 900 mm)

¹ Cushion on rod end

² Cushion on base end

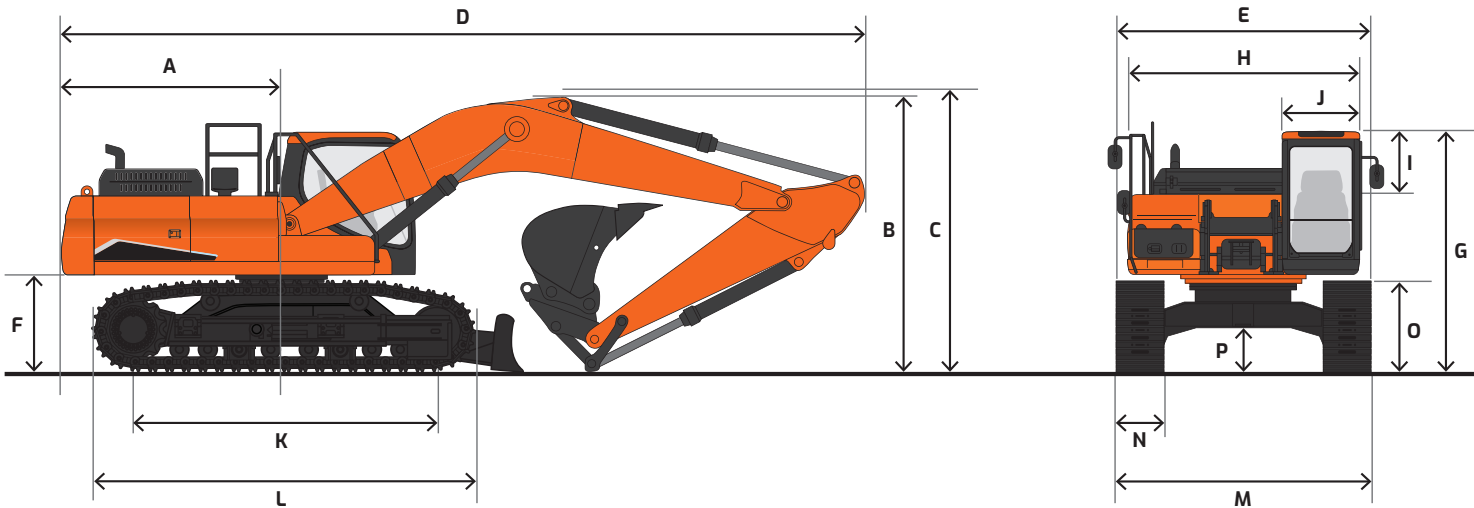
The piston rods and cylinder bodies are made of high-strength steel. A shock-absorbing mechanism is fitted in all cylinders to ensure shock-free operation and extended piston life.

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 tracks 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

		Standard Arm 31.5" (800 mm) TG Shoe (US20/US25)	Long Arm 35.4" (900 mm) TG Shoe (US30/US35)	Standard Arm & Dozer Blade 31.5" (800 mm) TG Shoe (US40)	Super-Long-Reach 35.4" (900 mm) TG Shoe (US50)
Boom length		18' 8.4" (5700 mm)			27' 10.6" (8500 mm)
Arm length		9' 6.2" (2900 mm)	11' 5.8" (3500 mm)	9' 6.2" (2900 mm)	20' 4.1" (6200 mm)
Bucket size (SAE)		1.2 yd³ (0.92 m³)	1.06 yd³ (0.81 m³)	1.2 yd³ (0.92 m³)	0.51 yd³ (0.39 m³)
Tail swing radius	A	9' 4.4" (2855 mm)			
Shipping height (boom)	B	9' 6.6" (2910 mm)	10' 6.2" (3205 mm)	9' 6.6" (2910 mm)	10' 7.0" (3225 mm)
Shipping height (hose)	C	10' 0.7" (3065 mm)	11' 1.5" (3390 mm)	10' 0.7" (3065 mm)	10' 11.5" (3340 mm)
Shipping length	D	31' 5.2" (9580 mm)	31' 6.0" (9600 mm)	31' 5.2" (9580 mm)	40' 3.9" (12290 mm)
Shipping width	E	10' 5.6" (3190 mm)	10' 9.5" (3290 mm)	10' 5.6" (3190 mm)	10' 9.5" (3290 mm)
Counterweight clearance	F	3' 7.1" (1095.5 mm)			
Cabin height	G	10' 2.0" (3100 mm)			
Upper structure width	H	8' 10.7" (2710 mm)			
Cabin height above house	I	1' 11.9" (608 mm)			
Cabin width	J	3' 3.9" (1013 mm)			
Tumbler distance	K	11' 11.7" (3650 mm)			
Overall track length	L	14' 7.0" (4445 mm)			
Undercarriage width	M	10' 5.6" (3190 mm)	10' 9.5" (3290 mm)	10' 5.6" (3190 mm)	10' 9.5" (3290 mm)
Track shoe width	N	31.5" (800 mm)	35.4" (900 mm)	31.5" (800 mm)	35.4" (900 mm)
Track height*	O	2' 10.8" (883 mm)			
Car body clearance*	P	1' 5.7" (450.5 mm)			

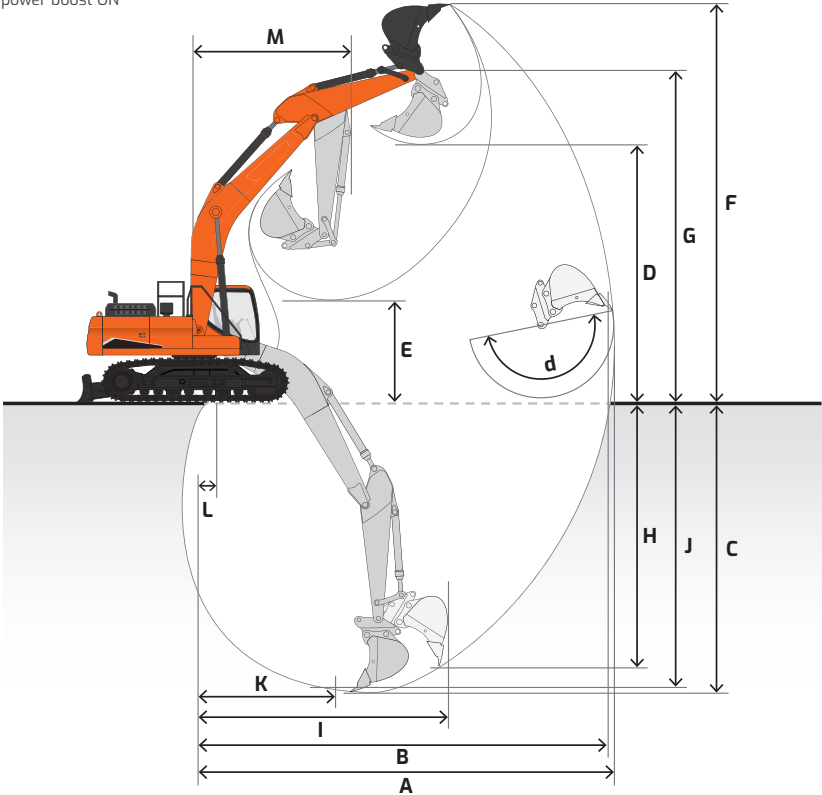
*Without shoe grouser



Working Range

		Standard Arm 31.5" (800 mm) TG Shoe (US20/US25)	Long Arm 35.4" (900 mm) TG Shoe (US30/US35)	Standard Arm & Dozer Blade 31.5" (800 mm) TG Shoe (US40)	Super-Long-Reach 35.4" (900 mm) TG Shoe (US50)
Boom length		18' 8.4" (5700 mm)			27' 10.6" (8500 mm)
Arm length		9' 6.2" (2900 mm)	11' 5.8" (3500 mm)	9' 6.2" (2900 mm)	20' 4.1" (6200 mm)
Bucket size (SAE)		1.2 yd³ (0.92 m³)	1.06 yd³ (0.81 m³)	1.2 yd³ (0.92 m³)	0.51 yd³ (0.39 m³)
Counterweight		10803 lb. (4900 kg)	11685 lb. (5300 kg)	10803 lb. (4900 kg)	11685 lb. (5300 kg)
Track type		Fixed			
Max. digging reach	A	32' 5.6" (9895 mm)	34' 1.4" (10400 mm)	32' 5.6" (9895 mm)	50' 0.6" (15255 mm)
Max. digging reach (ground)	B	31' 10.7" (9720 mm)	33' 7.0" (10235 mm)	31' 10.7" (9720 mm)	49' 8.3" (15145 mm)
Max. digging depth	C	21' 8.6" (6620 mm)	23' 8.3" (7220 mm)	21' 8.6" (6620 mm)	38' 3.3" (11665 mm)
Max. loading height	D	22' 3.9" (6805 mm)	22' 9.6" (6950 mm)	22' 3.9" (6805 mm)	35' 6.2" (10825 mm)
Min. loading height	E	8' 1.0" (2465 mm)	6' 1.2" (1860 mm)	8' 1.0" (2465 mm)	6' 1.8" (1875 mm)
Max. digging height	F	31' 3.4" (9535 mm)	31' 11.3" (9735 mm)	31' 3.4" (9535 mm)	42' 9.8" (13050 mm)
Max. bucket pin height	G	27' 1.6" (8270 mm)	27' 7.3" (8415 mm)	27' 1.6" (8270 mm)	39' 6.4" (12050 mm)
Max. vertical wall depth	H	19' 0.0" (5790 mm)	21' 9.8" (6650 mm)	19' 0.0" (5790 mm)	31' 10.9" (9725 mm)
Max. radius vertical	I	20' 4.9" (6220 mm)	19' 1.9" (5840 mm)	20' 4.9" (6220 mm)	32' 7.5" (9945 mm)
Max. depth to 8' line	J	21' 1.0" (6425 mm)	23' 1.4" (7045 mm)	21' 1.0" (6425 mm)	37' 11.1" (11560 mm)
Min. radius to 8' line	K	9' 3.2" (2825 mm)	9' 1.8" (2790 mm)	9' 3.2" (2825 mm)	15' 4.8" (4695 mm)
Min. digging reach	L	1' 11.6" (600 mm)	-6.3" (-161 mm)	1' 11.6" (600 mm)	1' 5.9" (455 mm)
Min. swing radius	M	11' 8.2" (3560 mm)	11' 10.3" (3615 mm)	11' 8.2" (3560 mm)	15' 11.1" (4855 mm)
Bucket angle (DEG)	d	177°	176°	177°	171°
Digging force, bucket*	ISO	36376.0 lbf. (16500 kgf)			24471.0 lbf. (11100 kgf)
Digging force, arm*		25794.0 lbf. (11700 kgf)	23149.0 lbf. (10500 kgf)	25794.0 lbf. (11700 kgf)	14330.0 lbf. (6500 kgf)
Operating weight		53352 lb. (24200 kg)	56438 lb. (25600 kg)	57355 lb. (26016 kg)	53131 lb. (24100 kg)
Ground pressure		5.5 psi (0.39 kg/cm²)	5.0 psi (0.35 kg/cm²)	6.0 psi (0.42 kg/cm²)	4.8 psi (0.34 kg/cm²)

*With power boost ON



Lifting Capacity

 Rating over front  Rating over side or 360°

DX230LC-9 US20/US25

Boom: 18' 8.4" (5700 mm) | Arm: 9' 6.2" (2900 mm) | Counterweight: 10803 lb. (4900 kg) | 31.5" (800 mm) TG Shoes | No Dozer | 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)							* 11820 (* 5360)	* 11820 (* 5360)			* 10290 (* 4670)	* 10290 (* 4670)	20.34' (6.20 m)
20' (6.0 m)							* 13030 (* 5910)	* 13030 (* 5910)			* 9590 (* 4350)	* 9590 (* 4350)	23.98' (7.31 m)
15' (4.5 m)							* 14300 (* 6490)	13390 (6070)	* 13230 (* 6000)	9480 (4300)	* 9450 (* 4290)	8540 (3880)	26.21' (7.99 m)
10' (3.0 m)					* 20900 (* 9480)	19510 (8850)	* 16280 (* 7390)	12820 (5810)	14030 (6360)	9240 (4190)	* 9700 (* 4400)	7830 (3550)	27.38' (8.35 m)
5' (1.5 m)					* 24820 (* 11260)	18330 (8310)	* 18260 (* 8280)	12260 (5560)	13730 (6230)	8960 (4070)	* 10340 (* 4690)	7590 (3440)	27.63' (8.42 m)
Ground Level			* 14520 (* 6580)	* 14520 (* 6580)	* 26700 (* 12110)	17700 (8030)	18720 (8490)	11860 (5380)	13510 (6130)	8760 (3970)	* 11520 (* 5220)	7740 (3510)	26.98' (8.22 m)
-5' (-1.5 m)	* 15850 (* 7190)	* 15850 (* 7190)	* 25160 (* 11410)	* 25160 (* 11410)	* 26470 (* 12000)	17530 (7950)	18540 (8410)	11700 (5310)	13450 (6100)	8710 (3950)	12930 (5860)	8390 (3810)	25.35' (7.73 m)
-10' (-3.0 m)	* 27120 (* 12300)	* 27120 (* 12300)	* 33670 (* 15270)	* 33670 (* 15270)	* 24190 (* 10970)	17690 (8030)	* 17990 (* 8160)	11800 (5350)			* 14780 (* 6700)	9920 (4500)	22.54' (6.87 m)
-15' (-4.5 m)			* 25710 (* 11660)	* 25710 (* 11660)	* 18770 (* 8520)	18230 (* 8270)					* 14380 (* 6520)	13830 (6270)	18.01' (5.49 m)

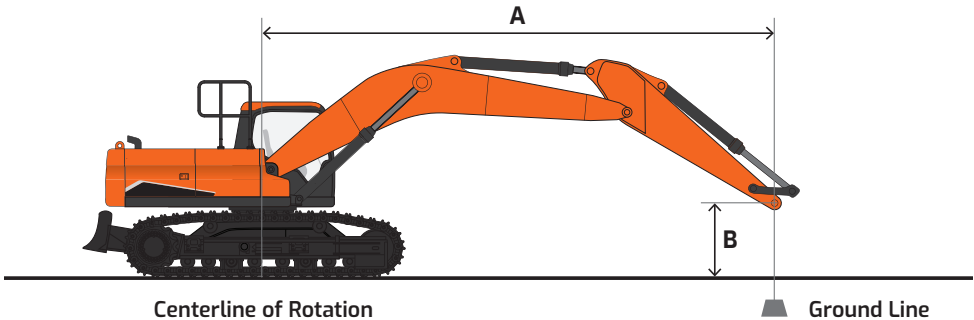
DX230LC-9 US30/US35

Boom: 18' 8.4" (5700 mm) | Arm: 11' 5.8" (3500 mm) | Counterweight: 11685 lb. (5300 kg) | 35.4" (900 mm) TG Shoes | No Dozer | 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)											* 8650 (* 3930)	* 8650 (* 3930)	22.54' (6.87 m)
20' (6.0 m)									* 10410 (* 4720)	10160 (4610)	* 8190 (* 3720)	* 8190 (* 3720)	25.87' (7.89 m)
15' (4.5 m)							* 12940 (* 5870)	* 12940 (* 5870)	* 12150 (* 5510)	10000 (4540)	* 8130 (* 3690)	8120 (3680)	27.95' (8.52 m)
10' (3.0 m)			* 28380 (* 12880)	* 28380 (* 12880)	* 18810 (* 8530)	* 18810 (* 8530)	* 15060 (* 6830)	13520 (6130)	* 13160 (* 5970)	9700 (4400)	* 8370 (* 3790)	7500 (3400)	29.05' (8.85 m)
5' (1.5 m)					* 23230 (* 10540)	19370 (8790)	* 17290 (* 7840)	12870 (5840)	14280 (6480)	9380 (4250)	* 8910 (* 4040)	7270 (3300)	29.28' (8.92 m)
Ground Level			* 17590 (* 7980)	* 17590 (* 7980)	* 25960 (* 11780)	18510 (8390)	* 18960 (* 11780)	12380 (5620)	13990 (6340)	9110 (4130)	* 9880 (* 4480)	7380 (3350)	28.66' (8.74 m)
-5' (-1.5 m)	* 15510 (* 7040)	* 15510 (* 7040)	* 24740 (* 11220)	* 24740 (* 11220)	* 26600 (* 12060)	18160 (8240)	19140 (8380)	12120 (5500)	13840 (6280)	8980 (4070)	* 11550 (* 5240)	7900 (3580)	27.14' (8.27 m)
-10' (-3.0 m)	* 24120 (* 10940)	* 24120 (* 10940)	* 35690 (* 16190)	35190 (15960)	* 25240 (* 11450)	18190 (8250)	* 18740 (* 11450)	12110 (5490)			13970 (6340)	9080 (4120)	24.55' (7.48 m)
-15' (-4.5 m)	* 35390 (* 16050)	* 35390 (* 16050)	* 29900 (* 13560)	* 29900 (* 13560)	* 21350 (* 9680)	18570 (8420)	* 15300 (* 9680)	12420 (5640)			* 14280 (* 6480)	11820 (5360)	20.47' (6.24 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°

DX230LC-9 US40

Boom: 18' 8.4" (5700 mm) | Arm: 9' 6.2" (2900 mm) | Counterweight: 10803 lb. (4900 kg) | 31.5" (800 mm) TG Shoes | Dozer 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)							* 11820 (* 5360)	* 11820 (* 5360)			* 10290 (* 4670)	* 10290 (* 4670)	20.34' (6.20 m)
20' (6.0 m)							* 13030 (* 5910)	* 13030 (* 5910)			* 9590 (* 4350)	* 9590 (* 4350)	23.98' (7.31 m)
15' (4.5 m)							* 14300 (* 6490)	14210 (6440)	* 13230 (* 6000)	10100 (4580)	* 9450 (* 4290)	9120 (4140)	26.21' (7.99 m)
10' (3.0 m)					* 20900 (* 9480)	20700 (9390)	* 16280 (* 7390)	13630 (6180)	* 14050 (* 6370)	9850 (4470)	* 9700 (* 4400)	8380 (3800)	27.38' (8.35 m)
5' (1.5 m)					* 24820 (* 11260)	19520 (8860)	* 18260 (* 8280)	13070 (5930)	* 14980 (* 6800)	9580 (4350)	* 10340 (* 4690)	8130 (3690)	27.63' (8.42 m)
Ground Level			* 14520 (* 6580)	* 14520 (* 6580)	* 26700 (* 12110)	18890 (8570)	* 19530 (* 8860)	12680 (5750)	15250 (6920)	9380 (4260)	* 11520 (* 5220)	8300 (3760)	26.98' (8.22 m)
-5' (-1.5 m)	* 15850 (* 7190)	* 15850 (* 7190)	* 25160 (* 11410)	* 25160 (* 11410)	* 26470 (* 12000)	18720 (8490)	* 19630 (* 8900)	12520 (5680)	* 15160 (* 6880)	9330 (4230)	* 13640 (* 6190)	8990 (4080)	25.35' (7.73 m)
-10' (-3.0 m)	* 27120 (* 12300)	* 27120 (* 12300)	* 33670 (* 15270)	* 33670 (* 15270)	* 24190 (* 10970)	18890 (8570)	* 17990 (* 8160)	12620 (5720)			* 14780 (* 6700)	10610 (4810)	22.54' (6.87 m)
-15' (-4.5 m)			* 25710 (* 11660)	* 25710 (* 11660)	* 18770 (* 8520)	* 18770 (* 8520)					* 14380 (* 6520)	* 14380 (* 6520)	18.01' (5.49 m)

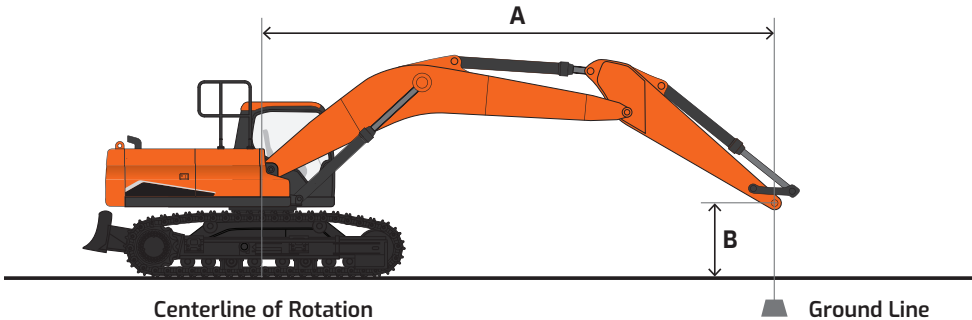
DX230LC-9 US40

Boom: 18' 8.4" (5700 mm) | Arm: 9' 6.2" (2900 mm) | Counterweight: 10803 lb. (4900 kg) | 31.5" (800 mm) TG Shoes | Dozer 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)							* 11820 (* 5360)	* 11820 (* 5360)			* 10290 (* 4670)	* 10290 (* 4670)	20.34' (6.20 m)
20' (6.0 m)							* 13030 (* 5910)	* 13030 (* 5910)			* 9590 (* 4350)	* 9590 (* 4350)	23.98' (7.31 m)
15' (4.5 m)							* 14300 (* 6490)	* 14300 (* 6490)	* 13230 (* 6000)	12850 (5830)	* 9450 (* 4290)	* 9450 (* 4290)	26.21' (7.99 m)
10' (3.0 m)					* 20900 (* 9480)	* 20900 (* 9480)	* 16280 (* 7390)	* 16280 (* 7390)	* 14050 (* 6370)	12590 (5710)	* 9700 (* 4400)	* 9700 (* 4400)	27.38' (8.35 m)
5' (1.5 m)					* 24820 (* 11260)	* 24820 (* 11260)	* 18260 (* 8280)	16970 (7700)	* 14980 (* 6800)	12310 (5580)	* 10340 (* 4690)	* 10340 (* 4690)	27.63' (8.42 m)
Ground Level			* 14520 (* 6580)	* 14520 (* 6580)	* 26700 (* 12110)	25440 (11540)	* 19530 (* 8860)	16550 (7510)	* 15550 (* 7050)	12090 (5490)	* 11520 (* 5220)	10660 (4840)	26.98' (8.22 m)
-5' (-1.5 m)	* 15850 (* 7190)	* 15850 (* 7190)	* 25160 (* 11410)	* 25160 (* 11410)	* 26470 (* 12000)	25250 (11450)	* 19630 (* 8900)	16380 (7430)	* 15160 (* 6880)	12040 (5460)	* 13640 (* 6190)	11590 (5250)	25.35' (7.73 m)
-10' (-3.0 m)	* 27120 (* 12300)	* 27120 (* 12300)	* 33670 (* 15270)	* 33670 (* 15270)	* 24190 (* 10970)	* 24190 (* 10970)	* 17990 (* 8160)	16490 (7480)			* 14780 (* 6700)	13720 (6220)	22.54' (6.87 m)
-15' (-4.5 m)			* 25710 (* 11660)	* 25710 (* 11660)	* 18770 (* 8520)	* 18770 (* 8520)					* 14380 (* 6520)	* 14380 (* 6520)	18.01' (5.49 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°

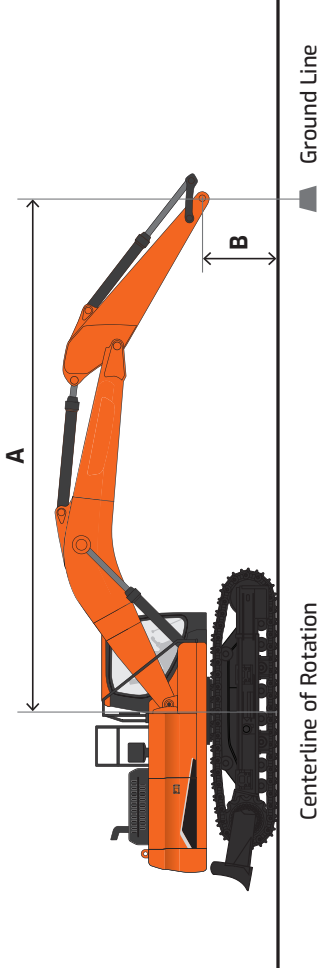
DX230LC-9 U550

Boom: 27' 10.6" (8500 mm) | Arm: 20' 4.1" (6200 mm) | Counterweight: 11685 lb. (5300 kg) | 35.4" (900 mm) TG Shoes | 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)	30' (9.0 m)	35' (10.5 m)	40' (12.0 m)	45' (13.5 m)		Max. Reach	A
40' (12.0 m)												
35' (10.5 m)												
30' (9.0 m)												
25' (7.5 m)												
20' (6.0 m)												
15' (4.5 m)												
10' (3.0 m)												
5' (1.5 m)												
Ground Level												
-5' (-1.5 m)												
-10' (-3.0 m)												
-15' (-4.5 m)												
-20' (-6.0 m)												
-25' (-7.5 m)												
-30' (-9.0 m)												

A Distance from center of rotation
B Height

NOTE: Lifting capacities are in compliance with SAE 1057 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)	■
Twin turbo	■
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

Electronic Power Optimizing System (EPOS)	■
Variable axial piston main pump (tandem)	■
Cross-sensing pump control	■
Full-electric hydraulics	■
Gear pilot pump	■
Smart Power Control (SPC)	■
Variable-speed hydraulic cooling fan	■
Axial piston swing motor	■
Spring-applied hydraulic release brake	■
Axial piston travel motor (high/low, auto)	■
Auxiliary hydraulics, one- & two-way piping	■
Auxiliary hydraulics, tilt/rotate piping	■
Adjustable auxiliary flow & pressure, 10 presets	■
Intelligent floating boom	■
Boom & arm lock valves	●
Clamshell piping	●
Straight travel	■

Controls

Electronic joystick controls	■
Proportional control on joystick swithes for auxiliary hydraulic lines	■
Customizable joystick buttons - Right (two on front, two on back) - Left (two on front, two on back)	■
Foot pedal attachment control	■
Control stands - Height adjustable - Sliding (fore/aft) - Tilting armrests	■
Engine speed control dial	■
Travel pedals with hand levers	■
Straight travel pedal	■
Stick steer (joystick steering functionality)	■
Multifunction keypad - Intelligent floating boom - Swing lock	■
Keypad - Lower wiper & washer - Upper wiper, Panto wiper & washer - Light	■
Emergency stop switch	■
Power modes (P+, P, S, E)	■
Work modes (digging, lifting, breaker, shear)	■
Jog dial display control	■
Hydraulic flow & pressure rate controlled from cab	■

Cabin

Steel, all-weather & sound-suppressed	■
ROP5 (ISO 12117-2:2008)	■
Viscous mount with spring reinforcement	■
Front window with wiper/washer	■
Tinted safety glass	■
Skylight top hatch with sun screen	■
Front window with sun screen	■
Pull-up type top front window	■
Removable lower front window with storage behind seat	■
Wiper, lower window	■
Adjustable sliding side door window	■
Defrost, front window	■
Lockable doors	■
Seat - Heated - Air-suspension - 3" two point seat belt	■
Leatherette seat - Heating & cooling - Air-suspension - 2" three point seat belt	●
Control stands - Height adjustable - Mounted to seat base	■
Storage for operator's manuals	■
Mirrors	■
Fully automatic HVAC with radian energy photo sensor	■
New 12" Android touchscreen full HD monitor	■
Additional 12" monitor	■
Digital Bluetooth® & MP3 radio with cell phone integration	■
Wireless phone charger	■
Speakers (2)	■
Emergency breakout tool	■
Hot/cold beverage compartment	■
Power socket, 12 V & 24 V	■
USB port	■
Cup holder	■
Interior light	■
Ambient light	■
Rain shield	●
FOG guard	●
Front window guard	●

Electrical

System voltage – 24 V	■
Alternator – 24 V, 90 A	■
2 x 12 V batteries, 150 AH reserve capacity, 950 CCA	■
Blade-type fuse panel	■
Main circuit breaker	■
Light, work (LED): machine (2), boom (2)	■
Light, work (LED): 6 cab top, front (4), rear (2)	■
Four-corner beacon light	■
Hour meter	■
Engine restart prevention system	■
Side view & rearview camera with LED lamps	■
Smart AVM	●
HDS (Human Detection System) with around-view camera & radar	●
DEVELON Collision Avoidance Assist (DCAA)	●
Laptop service port	■
Self-diagnostics system	■
Smart Key with Digital Key app	■
MY DEVELON (telematics)	■
2D Smart Guidance System with laser receiver	■
Virtual walls, weighing system, lift assist	■
Advanced lift assist	●

Display Monitor & Warnings

Indicators - Power modes - Work modes - User/Service menu	■
Gauges - Fuel level - DEF level - Engine coolant temperature - Hydraulic oil temperature - Engine rpm - Battery voltage - Hydraulic pump pressure - ECO - Digital clock - Trip meter - Hour meter - Fuel consumption	■
Smart Guidance 2D screen* - Set assist mode - Set grade precision - Set grade mode - Vitruat wall limits - Laser indicator - Vertical distance from target position - Pitch & roll angle indicators - Bucket angle indicator - Bucket tooth depth indicator zones - Slope indicator - Active bucket name - Horizontal distance between bucket tooth & reference point	■
Warning & indicator lights - Seat belt - Error code - SCR warning - Check engine - Engine oil pressure - Engine pre-heat engaged - Radiator coolant level & temperature - Air filter - Fuel level - DEF level – low - Water in fuel - Battery charge - Work lights on - Hydraulic oil temperature - Hydraulic charge pressure - Hydraulic pilot filter - Hydraulic return filter	■
Swing alarm	■
Travel alarm	■
Buzzer - Engine oil pressure - Coolant temperature	■

Undercarriage

Track guards & chains with adjusters	■
Track rollers, upper	2
Track rollers, lower	8
In-shoe motor protection	■
Shoes, triple grouser – 800 mm	■
Shoes, triple grouser – 900 mm	●
Dozer blade, front	●

Other

Centralized lubrication - Boom - Swing	■
Handrails & service platforms	■
Skid-resistant steps & service platforms	■
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	■
Basic PHM (Prognostics & Health Management)	■
Premium PHM	●

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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