

DEVELON

Mini Excavator

DX55R-7



Engine

Make	DEVELON
Model	D18
Number of cylinders	3
Rated power, gross (hp per SAE J1995)	48.8 hp (36.4 kW) @ 2200 rpm
Rated power, net (hp per SAE J1349)	47.0 hp (35.1 kW) @ 2200 rpm
Max. torque, net (SAE J1995)	133.0 lbf. ft. (18.4 kgf-m) @ 1600 rpm
Displacement	146.0 in. ³ (2.4 L)
Bore and stroke	3.5" x 3.7" (90 mm x 94 mm)
Starter	12 V, 3.6 hp (2.7 kW)
Battery	12 V, 100 AH
Alternator	12 V, 90 A
Air cleaner	Double elements

Hydraulics

Main pumps	1 x 37.0 gpm (139.0 L/min.)
Pilot pump (gear design)	–
Relief pressure	3988.5 psi (280.4 kg/cm ²)

Maximum System Pressure

Boom/arm/bucket (normal mode)	4496.1 psi (316.1 kg/cm ²)
Swing (crossover relief)	3129.0 psi (220.0 kg/cm ²)

Undercarriage

Upper rollers (each track)	1
Lower rollers (each track)	4
Number of shoes (links per side)	Single assembly (rubber)

Swing Mechanism

Swing speed	9.8 rpm
Swing torque	9982.0 lbf. ft. (1380.0 kgf-m)

Drive System

Travel speed (low – high)	1.6 – 2.7 mph (2.6 – 4.4 km/h)
Traction force, max. (drawbar pull)	10097.0 lbf. (4580.0 kgf)
Max. grade	70% (35°)

Environment

Sound level (ISO 6395)	97 dB(A)
Cabin sound level (ISO 6396)	78 dB(A)

Refill Capacities

Fuel tank	20.6 gal. (78.0 L)
Cooling system (radiator capacity)	2.2 gal. (8.3 L)
Engine oil	1.7 gal. (6.3 L)
Final drive (each side)	0.2 gal. (0.9 L)
Hydraulic system	27.7 gal. (105.0 L)
Hydraulic tank	12.7 gal. (48.0 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 bore x rod diameter x stroke	3.7" x 2.2" x 26.7" (95 mm x 55 mm x 678 mm)
Arm ^{1,2} (1) bore x rod diameter x stroke	3.1" x 2.2" x 28.6" (80 mm x 55 mm x 726 mm)
Bucket ¹ (1) bore x rod diameter x stroke	2.8" x 1.8" x 23.6" (70 mm x 45 mm x 600 mm)
Swing – boom ¹ (1) bore x rod diameter x stroke	3.7" x 2.4" x 17.7" (95 mm x 60 mm x 449 mm)
Blade ¹ (2) bore x rod diameter x stroke	4.3" x 2.4" x 7.8" (110 mm x 60 mm x 197 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.

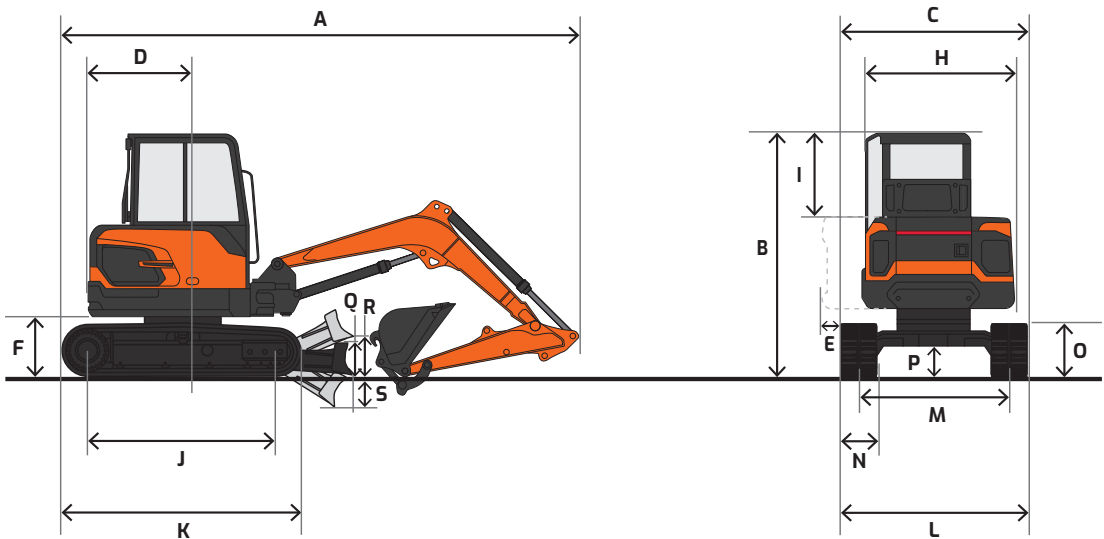
NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. All dimensions are given for DEVELON mini excavators equipped with standard rubber tracks. Pictures of DEVELON mini excavators 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 & HVAC Cabin/Canopy (US20/US30/US40/US50)	Long Arm & HVAC Cabin/Canopy (US21/US31/US41/US51)
Boom type		One-piece boom	
Arm type		Standard arm	Long arm
Bucket type (SAE)		General-purpose	
Track type		Fixed (rubber)	
Shipping length	A	17' 10.4" (5445 mm)	
Overall height	B	8' 5.4" (2575 mm)	
Shipping width	C	6' 6.0" (1980 mm)	
Tail swing radius	D	3' 5.3" (1050 mm)	
Tail swing overhang (rear)*		–	
Tail swing overhang (side)	E	2.4" (60 mm)	
Counterweight clearance	F	2' 0.7" (628 mm)	
Upper structure width	H	5' 8.9" (1750 mm)	
Cabin height above house	I	3' 2.9" (987 mm)	
Tumbler distance	J	6' 6.4" (1990 mm)	
Overall track length	K	8' 2.3" (2497 mm)	
Undercarriage width	L	6' 6.0" (1980 mm)	
Track gauge width	M	5' 2.2" (1580 mm)	
Track width	N	1' 3.8" (400 mm)	
Track height	O	1' 10.1" (562 mm)	
Car body clearance	P	8.2" (208 mm)	
Blade height	Q	1' 1.7" (349 mm)	
Blade clearance	R	1' 6.5" (470 mm)	
Max. blade cut, below ground	S	1' 5.7" (450 mm)	

*Not shown on diagram
Less than zero indicated as "-"

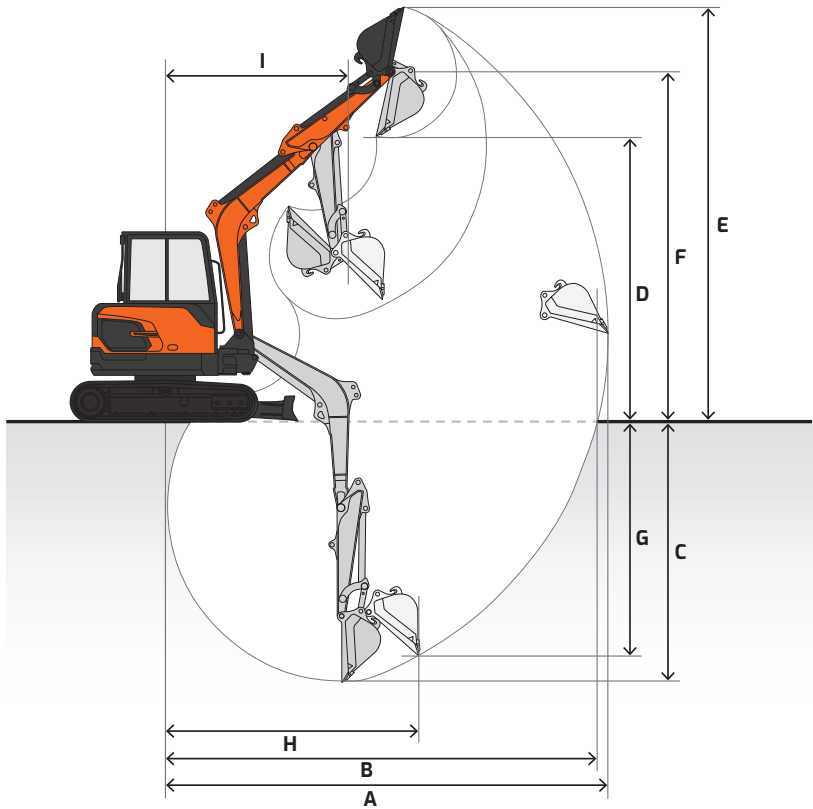
US40/US41/US50/US51 packages include rotating piping as standard.



Working Range

Standard Arm & HVAC Cabin/Canopy (US20/US30/US40/US50)		Long Arm & HVAC Cabin/Canopy (US21/US31/US41/US51)
Boom length	8' 10.3" (2700 mm)	
Arm length	5' 3.0" (1600 mm)	6' 2.8" (1900 mm)
Bucket capacity (SAE)	5.7 ft. ³ (0.16 m ³)	
Max. digging reach	A 19' 11.4" (6080 mm)	20' 11.2" (6380 mm)
Max. digging reach (ground)	B 19' 6.3" (5950 mm)	20' 6.1" (6250 mm)
Max. digging depth	C 11' 10.9" (3630 mm)	12' 10.7" (3930 mm)
Max. dumping height	D 12' 7.0" (3835 mm)	13' 6.8" (4135 mm)
Max. digging height	E 18' 3.9" (5585 mm)	19' 3.7" (5885 mm)
Max. bucket pin height	F 15' 5.8" (4720 mm)	16' 5.6" (5020 mm)
Max. vertical wall depth	G 9' 11.5" (3035 mm)	10' 11.3" (3335 mm)
Max. vertical digging radius	H 11' 7.8" (3550 mm)	12' 7.6" (3850 mm)
Min. swing radius	I 7' 6.9" (2310 mm)	8' 6.8" (2610 mm)
Boom swing – left/right	60° / 53°	
Digging force, bucket	9766.0 lbf. (4430.0 kgf)	
Digging force, arm	6151.0 lbf. (2790.0 kgf)	5445.4 lbf. (2470.0 kgf)
Counterweight	1653 lb. (750 kg)	
Operating weight	12655 lb. (5740 kg)	12293 lb. (5576 kg)
Ground pressure	4.7 psi (0.33 kgf/cm ²)	

US40/US41/US50/US51 packages include rotating piping as standard.



Bucket

	Standard Arm & HVAC Cabin (U520/U540)	Long Arm & HVAC Cabin (U521/U541)	Standard Arm & Canopy (U530/U550)	Long Arm & Canopy (U531/U551)
Boom	8' 10.3" (2700 mm)			
Arm	5' 3.0" (1600 mm)	6' 2.8" (1900 mm)	5' 3.0" (1600 mm)	6' 2.8" (1900 mm)
Shoe size	1' 4.0" (400 mm)			
Track type	Fixed (rubber)			
Counterweight	1653 lb. (750 kg)			

Bucket Type	Model	Capacity* yd³ (m³)	Width in. (mm)	Weight lb. (kg)	Height in. (mm)	Length in. (mm)	Number of teeth	Connection/ Type
Quick-Hitch Ditching (QH05GB)	DC05GB-36QH	0.29 (0.22)	36 (914.4)	290 (131.5)	21.1667 (534.9)	26.25 (666.7)	–	Quick-hitch
	DC05GB-42QH	0.35 (0.26)	42 (1066.8)	325 (147.4)				
	DC05GB-48GH	0.40 (0.30)	48 (2133.6)	365 (165.5)				
Quick-Hitch Heavy-Duty (QH05GB)	HD05GB-12QH	0.08 (0.06)	12 (304.8)	120 (54.4)	21.1875 (538.1)	33.875 (860.4)	3	Quick-hitch
	HD05GB-18QH	0.13 (0.09)	18 (457.2)	155 (70.3)			4	
	HD05GB-24QH	0.18 (0.14)	24 (609.6)	185 (83.9)			5	
	HD05GB-30QH	0.24 (0.18)	30 (762.0)	220 (99.7)			5	
	HD06GB-36QH	0.30 (0.23)	36 (914.4)	250 (113.4)			6	
Pin-On Ditching	DC05GB-36	0.30 (0.23)	37 (1854.2)	340 (154.2)	27.0 (685.8)	30.0 (762.0)	–	Pin-on
	DC05GB-42	0.36 (0.27)	43 (1092.2)	380 (172.4)				
	DC05GB-48	0.42 (0.32)	49 (1244.6)	420 (190.5)				
	DC05GB-54	0.47 (0.36)	55 (1397.0)	460 (208.7)				
	DC05GB-60	0.53 (0.40)	61 (1549.4)	500 (226.8)				
Pin-On Heavy-Duty	HD05GB-12	0.10 (0.07)	12.375 (314.3)	180 (81.6)	26.0 (660.4)	37.25 (933.4)	3	Pin-on
	HD05GB-16	0.12 (0.09)	17 (431.8)	205 (93.0)			4	
	HD05GB-18	0.14 (0.10)	19 (482.6)	215 (97.5)			4	
	HD05GB-24	0.20 (0.15)	25 (635.0)	250 (113.4)			5	
	HD05GB-30	0.24 (0.18)	31 (787.4)	285 (129.3)			5	
	HD05GB-36	0.32 (0.24)	37 (1854.2)	320 (145.2)			6	

*Capacity based on ISO 7451 and heaped with a 1:1 angle of repose
·Equipped with bolt-on wear shrouds
·Equipped with bolt-on teeth
·Equipped with bolt-on cutting edge
·These recommendations are given as a guide only and based on typical operating conditions.

Please consult with your DEVELON dealer to properly match buckets and attachments for the application.

U540/U541/U550/U551 packages include rotating piping as standard.

Lifting Capacity

 Rating over front  Rating over side or 360°

DX55R-7 US20/US40 | Cabin & Standard Arm

Boom: 8' 10.3" (2700 mm) | Arm: 5' 3.0" (1600 mm) | Counterweight: 1653 lb. (750 kg) | Dozer Down | Bucket: None | Unit lb. (kg)

A B (ft. or m)	5' (1.0 m)		10' (2.0 m)		15' (3.0 m)		20' (4.0 m)		25' (5.0 m)		Max. Reach		
													A
20' (4.0 m)							* 2560 * 1160	2360 1070			* 2280 * 1030	2230 1010	13.55' (4.13 m)
15' (3.0 m)							* 2500 * 1130	2360 1070			* 2040 * 930	1730 790	15.73' (4.80 m)
10' (2.0 m)					* 3730 * 1690	3560 1610	* 2970 * 1350	2280 1030	* 2720 * 1230	1600 730	* 2010 * 910	1530 690	16.81' (5.12 m)
5' (1.0 m)					* 5370 * 2440	3290 1490	* 3590 * 1630	2170 980	* 2910 * 1320	1560 710	* 2110 * 960	1470 670	17.06' (5.20 m)
Ground Level					* 6130 * 2780	3160 1430	* 4000 * 1820	2090 950	* 2880 * 1310	1530 700	* 2380 * 1080	1520 690	16.51' (5.03 m)
-5' (-1.0 m)	* 5900 * 2670	* 5900 * 2670	* 7660 * 3470	6180 2810	* 5950 * 2700	3140 1420	* 3930 * 1780	2070 940			* 3000 * 1360	1730 780	15.06' (4.59 m)
-10' (-2.0 m)			* 8080 * 3660	6320 2870	* 4720 * 2140	3200 1450					* 3130 * 1420	2350 1070	12.25' (3.73 m)

DX55R-7 US20/US40 | Cabin & Standard Arm

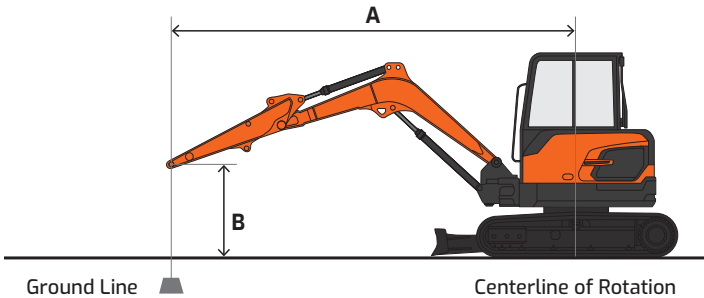
Boom: 8' 10.3" (2700 mm) | Arm: 5' 3.0" (1600 mm) | Counterweight: 1653 lb. (750 kg) | Dozer Up | Bucket: None | Unit lb. (kg)

A B (ft. or m)	5' (1.0 m)		10' (2.0 m)		15' (3.0 m)		20' (4.0 m)		25' (5.0 m)		Max. Reach		
													A
20' (4.0 m)							* 2560 * 1160	2360 1070			* 2280 * 1030	2230 1010	13.55' (4.13 m)
15' (3.0 m)							* 2500 * 1130	2360 1070			1900 860	1730 790	15.73' (4.80 m)
10' (2.0 m)					* 3730 * 1690	3560 1610	2510 1140	2280 1030	1750 790	1600 730	1680 760	1530 690	16.81' (5.12 m)
5' (1.0 m)					3690 1680	3290 1490	2400 1090	2170 980	1710 780	1560 710	1610 730	1470 670	17.06' (5.20 m)
Ground Level					3550 1610	3160 1430	2320 1050	2090 950	1680 760	1530 700	1670 760	1520 690	16.51' (5.03 m)
-5' (-1.0 m)	* 5900 * 2670	* 5900 * 2670	7300 3310	6180 2810	3530 1600	3140 1420	2300 1040	2070 940			1900 860	1730 780	15.06' (4.59 m)
-10' (-2.0 m)			7460 3380	6320 2870	3600 1630	3200 1450					2610 1180	2350 1070	12.25' (3.73 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.

US40/US41/US50/US51 packages include rotating piping as standard.



Lifting Capacity

 Rating over front  Rating over side or 360°

DX55R-7 US21/US41 | Cabin & Long Arm

Boom: 8' 10.3" (2700 mm) | Arm: 6' 2.8" (1900 mm) | Counterweight: 1653 lb. (750 kg) | Dozer Down | Bucket: None | Unit lb. (kg)

A B (ft. or m) (ft. or m)	5' (1.0 m)		10' (2.0 m)		15' (3.0 m)		20' (4.0 m)		25' (5.0 m)		Max. Reach		A
													
20' (4.0 m)							* 2090 * 950	* 2090 * 950			* 1820 * 830	* 1820 * 830	14.80' (4.51 m)
15' (3.0 m)							* 2150 * 970	* 2150 * 970	* 2360 * 1070	1620 730	* 1660 * 750	1550 700	16.78' (5.11 m)
10' (2.0 m)					* 3100 * 1410	* 3100 * 1410	* 2650 * 1020	2280 1030	* 2480 * 1120	1590 720	* 1630 * 740	1380 630	17.78' (5.42 m)
5' (1.0 m)					* 4870 * 2210	3310 1500	* 3330 * 1510	2160 980	* 2740 * 1240	1540 700	* 1700 * 770	1330 600	18.01' (5.49 m)
Ground Level			* 3960 * 1790	* 3960 * 1790	* 5930 * 2690	3120 1420	* 3860 * 1750	2060 940	* 2930 * 1330	1500 680	* 1900 * 860	1370 620	17.50' (5.33 m)
-5' (-1.0 m)	* 5020 * 2280	* 5020 * 2280	* 6790 * 3080	6050 2740	* 6030 * 2740	3070 1390	* 3970 * 1800	2020 920			* 2310 * 1050	1530 690	16.15' (4.92 m)
-10' (-2.0 m)	* 7790 * 3530	* 7790 * 3530	* 9250 * 4190	6170 2800	* 5190 * 2350	3110 1410	* 3270 * 1480	2060 930			* 2930 * 1330	1960 890	13.65' (4.16 m)

DX55R-7 US21/US41 | Cabin & Long Arm

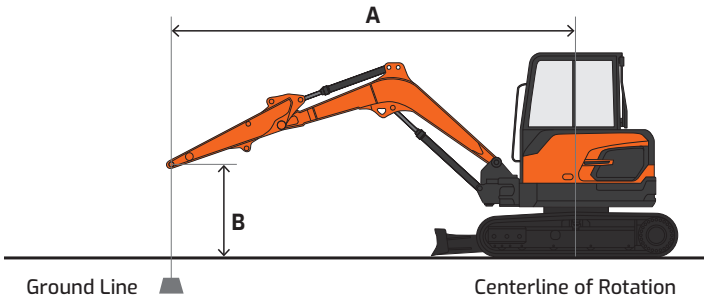
Boom: 8' 10.3" (2700 mm) | Arm: 6' 2.8" (1900 mm) | Counterweight: 1653 lb. (750 kg) | Dozer Up | Bucket: None | Unit lb. (kg)

A B (ft. or m) (ft. or m)	5' (1.0 m)		10' (2.0 m)		15' (3.0 m)		20' (4.0 m)		25' (5.0 m)		Max. Reach		A
													
20' (4.0 m)							* 2090 * 950	* 2090 * 950			* 1820 * 830	* 1820 * 830	14.80' (4.51 m)
15' (3.0 m)							* 2150 * 970	* 2150 * 970	1770 800	1620 730	* 1660 * 750	1550 700	16.78' (5.11 m)
10' (2.0 m)					* 3100 * 1410	* 3100 * 1410	2510 1140	2280 1030	1750 790	1590 720	1520 690	1380 630	17.78' (5.42 m)
5' (1.0 m)					3710 1680	3310 1500	2390 1080	2160 980	1690 770	1540 700	1460 660	1330 600	18.01' (5.49 m)
Ground Level			* 3960 * 1790	* 3960 * 1790	3520 1600	3120 1420	2290 1040	2060 940	1650 750	1500 680	1500 680	1370 620	17.50' (5.33 m)
-5' (-1.0 m)	* 5020 * 2280	* 5020 * 2280	* 6790 * 3080	6050 2740	3460 1570	3070 1390	2250 1020	2020 920			1680 760	1530 690	16.15' (4.92 m)
-10' (-2.0 m)	* 7790 * 3530	* 7790 * 3530	7290 3310	6170 2800	3510 1590	3110 1410	2280 1040	2060 930			2170 980	1960 890	13.65' (4.16 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.

US40/US41/US50/US51 packages include rotating piping as standard.



Lifting Capacity

 Rating over front  Rating over side or 360°

DX55R-7 US30/US50 | Canopy & Standard Arm

Boom: 8' 10.3" (2700 mm) | Arm: 5' 3.0" (1600 mm) | Counterweight: 1653 lb. (750 kg) | Dozer Down | Bucket: None | Unit lb. (kg)

A B (ft. or m)	5' (1.0 m) 	10' (2.0 m) 	15' (3.0 m) 	20' (4.0 m) 	25' (5.0 m) 	Max. Reach 	A
20' (4.0 m)				* 1160 1030	* 4650 4600	* 2010 1470 * 1030 970	16.81' (4.13 m)
15' (3.0 m)				* 1130 1030		* 2040 1420 * 930 750	17.03' (4.80 m)
10' (2.0 m)			* 1690 1550	* 1350 990		* 2110 1410 * 910 670	17.06' (5.12 m)
5' (1.0 m)			* 2440 1440	* 1630 940	* 5620 4040 * 1230 700	* 2220 1420 * 960 640	16.88' (5.20 m)
Ground Level			* 2780 1370	* 1820 910	* 6710 4000 * 1320 680	* 2380 1450 * 1080 660	16.51' (5.03 m)
-5' (-1.0 m)	* 2670 * 2670	* 4560 3470 * 4560 2690	* 4550 2700 * 4550 1360	* 5630 1780 * 5630 900	* 8110 3990 * 1310 670	* 2630 1530 * 1360 750	15.91' (4.59 m)
-10' (-2.0 m)		* 5900 3660 * 5900 2760	* 6270 2140 * 6270 1390	* 7660 5940	* 7710 4010	* 3000 1660 * 1420 1030	15.06' (3.73 m)

DX55R-7 US30/US50 | Canopy & Standard Arm

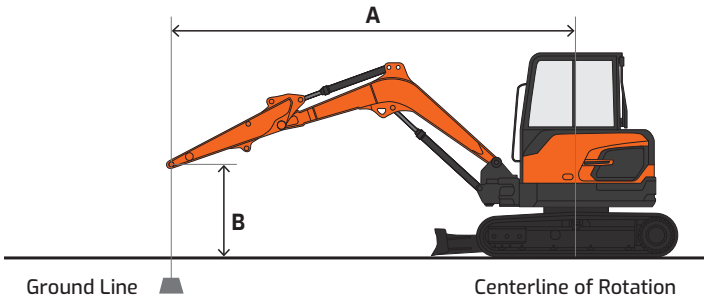
Boom: 8' 10.3" (2700 mm) | Arm: 5' 3.0" (1600 mm) | Counterweight: 1653 lb. (750 kg) | Dozer Up | Bucket: None | Unit lb. (kg)

A B (ft. or m)	5' (1.0 m) 	10' (2.0 m) 	15' (3.0 m) 	20' (4.0 m) 	25' (5.0 m) 	Max. Reach 	A
20' (4.0 m)				1130 1030	* 4650 4600	1600 1470 * 1030 970	16.81' (4.13 m)
15' (3.0 m)				1130 1030		1560 1420 820 750	17.03' (4.80 m)
10' (2.0 m)			* 1690 1550	1090 990	760 700	1540 1410 730 670	17.06' (5.12 m)
5' (1.0 m)			1610 1440	1040 940	4600 4040 740 680	1550 1420 700 640	16.88' (5.20 m)
Ground Level			1540 1370	1000 910	4560 4000 730 670	1590 1450 720 660	16.51' (5.03 m)
-5' (-1.0 m)	* 2670 * 2670	* 4560 3170 * 4560 2690	* 4550 1530 * 4550 1360	* 5630 990 * 5630 900	4560 3990	1680 1530 820 750	15.91' (4.59 m)
-10' (-2.0 m)		* 5900 3240 * 5900 2760	* 6270 1560 * 6270 1390		4570 4010	1820 1660 1130 1020	15.06' (3.73 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.

US40/US41/US50/US51 packages include rotating piping as standard.



Lifting Capacity

 Rating over front  Rating over side or 360°

DX55R-7 US31/US51 | Canopy & Long Arm

Boom: 8' 10.3" (2700 mm) | Arm: 6' 2.8" (1900 mm) | Counterweight: 1653 lb. (750 kg) | Dozer Down | Bucket: None | Unit lb. (kg)

A B (ft. or m)	5' (1.0 m)		10' (2.0 m)		15' (3.0 m)		20' (4.0 m)		25' (5.0 m)		Max. Reach		A
													
20' (4.0 m)							* 950	* 950			* 1630	1320 * 830	1778' (4.51 m)
15' (3.0 m)							* 970	* 970	5030 * 1070	4430 700	* 1660	1290 670	1799' (5.11 m)
10' (2.0 m)					* 1410	* 1410	* 1200	990	* 1120	690	* 1700	1270 600	18.01' (5.42 m)
5' (1.0 m)					* 2210	1440	* 1510	940	* 6680 * 1240	4030 670	* 1780	1280 580	17.85' (5.49 m)
Ground Level			* 1790	* 1790	* 2690	1360	* 3960 * 1750	* 3960 900	* 6910 * 1330	3950 650	* 1900	1300 590	17.50' (5.33 m)
-5' (-1.0 m)	* 2280	* 2280	* 3890 * 3080	* 3980 2630	* 4110 * 2740	* 4110 1330	* 5250 * 1800	* 5250 880	* 8030	3920	* 2060	1360 660	16.94' (4.92 m)
-10' (-2.0 m)	* 5010 * 3530	* 5010 * 3530	* 5020 * 4190	* 5020 2690	* 5470 * 2350	* 5470 1350	* 6790 * 1480	5800 890	* 7960	3920	* 2310	1460 850	16.15' (4.16 m)

DX55R-7 US31/US51 | Canopy & Long Arm

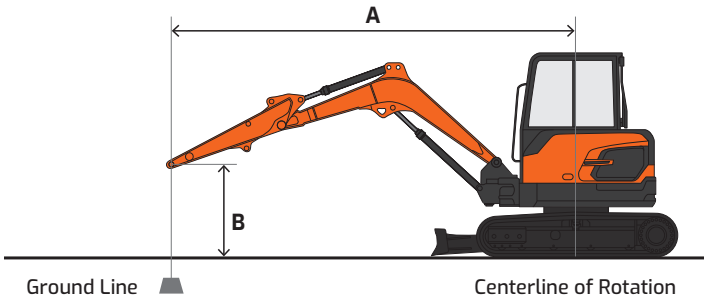
Boom: 8' 10.3" (2700 mm) | Arm: 6' 2.8" (1900 mm) | Counterweight: 1653 lb. (750 kg) | Dozer Up | Bucket: None | Unit lb. (kg)

A B (ft. or m)	5' (1.0 m)		10' (2.0 m)		15' (3.0 m)		20' (4.0 m)		25' (5.0 m)		Max. Reach		A
													
20' (4.0 m)							* 950	* 950			1450 * 830	1320 * 830	1778' (4.51 m)
15' (3.0 m)							* 970	* 970	5030 770	4430 700	1410 740	1290 670	1799' (5.11 m)
10' (2.0 m)					* 1410	* 1410	1090	990	760	690	1390 660	1270 600	18.01' (5.42 m)
5' (1.0 m)					1610	1440	1040	940	4600 730	4030 670	1400 630	1280 580	17.85' (5.49 m)
Ground Level			* 1790	* 1790	1530	1360	* 3960 990	* 3960 900	4510 710	3950 650	1430 650	1300 590	17.50' (5.33 m)
-5' (-1.0 m)	* 2280	* 2280	* 3890 * 3080	* 3980 2630	* 4110 1530	* 4110 1330	* 5250 970	* 5250 880	4480	3920	1500 730	1360 660	16.94' (4.92 m)
-10' (-2.0 m)	* 5010 * 3530	* 5010 * 3530	* 5020 3170	* 5020 2690	* 5470 1520	* 5470 1350	* 6790 990	5800 890	4480	3920	1600 940	1460 850	16.15' (4.16 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.

US40/US41/US50/US51 packages include rotating piping as standard.



Standard & Optional Equipment

| Standard Base Package, US20

■ Standard ● Optional

Engine

Emissions (EPA), T4f	■
Direct fuel injected	■
Fuel filter with water separator	■
Coolant recovery tank	■
Dual element dry-type air filter	■
Electronic engine control (ECU)	■
Auto preheat cold start assist	■
Auto idle	■
Overheat engine protection	■

Hydraulic

Variable axial piston main pump	■
Load sensing pump control	■
Pilot-operated control valves	■
Axial piston swing motor	■
Spring-applied hydraulic release brake	■
Axial piston travel motor (high/low, auto)	■
Auxiliary hydraulics, two-way	■
Adjustable auxiliary flow, 10 presets	■
Adjustable auxiliary 1 pressure valve (after-market)	●

Electrical

Alternator – 12 V, 90 A	■
12 V battery, 900 CCA @ 0° F (-18° C)	■
Lights: cabin (1), boom (1)	■
Additional lighting	●
Rotating beacon	●
Hour meter	■
Laptop service port	■
Self-diagnostics system	■

Cabin

Steel, all-weather & sound suppressed	■
ROPS/TOPS	■
Front window with wiper/washer	■
Tinted safety glass	■
Pull-up type front window	■
Lockable doors	■
Seat - 2" (51 mm) seat belt - Adjustable height & recline	■
Adjustable armrests	■
Air conditioner with heater	■
Instrumentation panel, digital	■
AM/FM stereo & Bluetooth®	■
Speakers (2)	■
Power socket, 12 V	■
Interior light	■
Storage for operator's manuals	■

Controls

Joystick controls - Two hydraulic joysticks control boom, arm, bucket & slew functions - Thumb buttons control auxiliary hydraulics & boom swing	■
Blade control lever - Thumb button controls travel speed low/high	■
Pattern control change valve (SAE, ISO)	■
Engine speed control dial	■
Travel pedals with hand levers	■
Switches, console-mounted - Starter switch (key) - Heater/AC control panel - Boom swing switch - Rotating beacon (if equipped) - 12 V power socket & USB charger - Keypad buttons - Overload warning - Travel/swing alarm - Light - Work lights - Wiper & washer - Auto idle	■
Emergency stop switch	■

Display Monitor & Warnings

Buzzer - Engine oil pressure - Coolant temperature	■
Touch screen display monitor - Digital clock - Menu select button - Back button - Fuel gauge - Engine coolant temperature - Hydraulic oil temperature - Mode - Tachometer - Operating mode/flow setting selector	■
Indicator lights - Air filter restriction indicator - Engine check warning light - Hydraulic oil warning - Fuel warning - Auto idle indicator - Auxiliary flow mode indicator - Engine oil pressure light with audible alarm - Preheat (cold start assist) indicator - Two-speed travel indicator light	■
Travel alarm	■

Undercarriage

Track rollers, upper	1
Track rollers, lower	4
Rubber tracks – 400 mm	■
Shoes, steel grouser – 400 mm (39 each side)	●

Other

Centralized lubrication - Swing pinion - Swing bearing	■
Dozer blade	■
Manuals - Operation - AEM Safety Manual - Service	■
Vandalism protection - Lockable panels - Lockable fluid fill points	■
MY DEVELON (telematics)	■

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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