



	Operating Weight	Bucket Capacity Heaped, ISO / SAE	Rated Power Gross
<i>DX140W-5</i>	34,203 lb. (15,510 kg)	0.73 yd ³ (0.56 m ³)	137 hp (102 kW)
<i>DX190W-5</i>	43,431 lb. (19,700 kg)	1.05 yd ³ (0.80 m ³)	174 hp (129 kW)
<i>DX210W-5</i>	47,179 lb. (21,400 kg)	1.12 yd ³ (0.86 m ³)	189 hp (141 kW)

General

	UNIT	DX140W-5 Standard Arm (US20)	DX190W-5 Standard Arm (US20)	DX210W-5 Standard Arm (US20)
ENGINE				
MAKE		Doosan	Doosan	Doosan
MODEL		DL06P	DL06P	DL06P
NUMBER OF CYLINDERS		6	6	6
RATED POWER GROSS (HP PER SAE J1995)	hp (kW) @ rpm	137 (102) @ 2000	174 (129) @ 1900	189 (141) @ 1900
RATED POWER NET (HP PER SAE J1349)	hp (kW) @ rpm	124 (93) @ 2000	168 (125) @ 1900	187 (139) @ 1900
MAXIMUM TORQUE (GROSS) (SAE J1995)	ft.-lb. (Nm) @ rpm	443 (601) @ 1400	557 (755) @ 1400	583 (790) @ 1400
PISTON DISPLACEMENT	in ³ (L)	359 (5.9)	359 (5.9)	359 (5.9)
BORE AND STROKE	in. x in. (mm x mm)	3.9" x 4.9" (100 x 125)	3.9" x 4.9" (100 x 125)	3.9" x 4.9" (100 x 125)
STARTER	V, hp (kW)	24V, 8 (6)	24V, 8 (6)	24V, 8 (6)
BATTERY (QTY 2)	V, AH	24V, 150AH	24V, 150AH	24V, 150AH
ALTERNATOR	V, amp	24V, 80 A	24V, 80 A	24V, 80 A
AIR CLEANER		Double Elements	Double Elements	Double Elements
HYDRAULICS				
MAIN PUMPS	gpm (L/min)	2 x 44.9 (2 x 170)	2 x 52.8 (2 x 200)	2 x 62.3 (2 x 236)
PILOT PUMP (GEAR DESIGN)	gpm (L/min)	6.4 (24.1)	6.9 (26.1)	7.2 (27.4)
RELIEF PRESSURE (NORMAL)	psi (kg/cm ²)	4975 (349.8)	5076 (356.9)	5076 (356.9)
RELIEF PRESSURE (BOOST)	psi (kg/cm ²)	5265 (370.2)	5076 (356.9)	5076 (356.9)
MAXIMUM SYSTEM PRESSURE				
BOOM/ARM/BUCKET (NORMAL MODE)	psi (kg/cm ²)	4975 (349.8)	5076 (356.9)	5076 (356.9)
BOOM/ARM/BUCKET (POWER MODE)	psi (kg/cm ²)	5265 (370.2)	5076 (356.9)	5076 (356.9)
TRAVEL (NORMAL MODE)	psi (kg/cm ²)	4975 (349.8)	5076 (356.9)	5076 (356.9)
TRAVEL (POWER MODE)	psi (kg/cm ²)	5265 (370.2)	5076 (356.9)	5076 (356.9)
SWING (NORMAL MODE)	psi (kg/cm ²)	4975 (349.8)	5076 (356.9)	5076 (356.9)
SWING (POWER MODE)	psi (kg/cm ²)	5265 (370.2)	5076 (356.9)	5076 (356.9)
SWING MECHANISM				
SWING SPEED	rpm	0 - 11.4	0 - 10.9	0 - 9.8
SWING TORQUE	lbf.-ft. (kgf-m)	34,718 (4800)	46,638 (6448)	59,224 (8188)
DRIVE SYSTEM				
TRAVEL SPEED [CREEP - LOW - HIGH]	mph (km/h)	2.2 - 6.2 - 23 (3.5 - 10 - 37)	1.9 - 5.3 - 22 (3.0 - 8.5 - 35)	2.5 - 5.6 - 22 (4.0 - 9.0 - 35)
TRACTION FORCE (DRAWBAR PULL)	lbf. (kgf)	16,965 (7695)	24,295 (11,020)	27,172 (12,325)
MAXIMUM GRADE	% (°)	62 (32)	68 (34)	65 (33)
ENVIRONMENT				
SOUND LEVEL (2000/14/EC)	dB(A)	101	100	101
CABIN SOUND LEVEL (ISO 6396)	dB(A)	70	70	70
REFILL CAPACITIES				
FUEL TANK	gal. (L)	74.0 (280.0)	81.9 (310.0)	79.3 (300.0)
DEF TANK	gal. (L)	8.3 (31.5)	8.3 (31.5)	8.3 (31.5)
COOLING SYSTEM (RADIATOR CAPACITY)	gal. (L)	5.3 (20.0)	6.3 (24.0)	6.3 (24.0)
ENGINE OIL	gal. (L)	5.8 (22.0)	6.6 (25.0)	7.1 (27.0)
SWING DRIVE	gal. (L)	0.79 (3.00)	1.32 (5.00)	1.32 (5.00)
FRONT AXLE	gal. (L)	2.38 (9.00)	2.77 (10.50)	2.91 (11.00)
FRONT HUB (2x)	gal. (L)	0.66 (2.5)	0.66 (2.5)	0.66 (2.5)
REAR AXLE	gal. (L)	2.96 (11.20)	3.70 (14.00)	3.83 (14.50)
REAR HUB (2x)	gal. (L)	0.63 (2.4)	0.66 (2.5)	0.66 (2.5)
TRANSMISSION	gal. (L)	0.66 (2.5)	0.66 (2.5)	0.66 (2.5)
HYDRAULIC SYSTEM	gal. (L)	62.9 (238)	76.6 (290)	76.6 (290)
HYDRAULIC TANK	gal. (L)	39.1 (148)	50.7 (192)	54.7 (207)

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. Pictures of Doosan excavators may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Doosan Construction Equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008.

All dimensions are given for Doosan excavators equipped with standard tracks and the standard front as listed.

Hydraulic Cylinders

	UNIT	DX140W-5 Mono Boom (US20/30)	DX140W-5 Art. Boom (US40/50)	DX190W-5 Mono Boom (US20/30)	DX190W-5 Art. Boom (US40/50)	DX210W-5 Mono Boom (US20/30)	DX210W-5 Art. Boom (US40/50)
BOOM, MAIN (2)							
BORE x ROD DIAMETER x STROKE	in. x in. x in. (mm x mm x mm)	4.3" x 3" x 40.7" (110 x 75 x 1035)	4.3" x 3" x 38.4" (110 x 75 x 975)	4.7" x 3.3" x 46.5" (120 x 85 x 1180)	4.7" x 3.3" x 40" (120 x 85 x 1015)	4.7" x 3.3" x 48.8" (120 x 85 x 1240)	4.7" x 3.3" x 41.1" (120 x 85 x 1045)
BOOM, ARTICULATED (1)							
BORE x ROD DIAMETER x STROKE	in. x in. x in. (mm x mm x mm)	-	5.5" x 3.3" x 28.3" (140 x 85 x 720)	-	4.9" x 3.5" x 57.9" (125 x 90 x 1470)	-	6.7" x 4.1" x 29.4" (170 x 105 x 748)
ARM* (1)							
BORE x ROD DIAMETER x STROKE	in. x in. x in. (mm x mm x mm)	4.3" x 3.0" x 40.7" (110 x 75 x 1035)	4.5" x 3.1" x 42.0" (115 x 80 x 1068)	4.9" x 3.5" x 57.9" (125 x 90 x 1470)		5.3" x 3.3" x 57.1" (135 x 85 x 1450)	
BUCKET (1)							
BORE x ROD DIAMETER x STROKE	in. x in. x in. (mm x mm x mm)	3.7" x 2.6" x 35.4" (95 x 65 x 900)		4.3" x 3" x 40.6" (110 x 75 x 1030)		4.7" x 3.1" x 41.7" (120 x 80 x 1060)	
STEERING (1)							
BORE x ROD DIAMETER x STROKE	in. x in. x in. (mm x mm x mm)	3.5" x 2.0" x 3.5" (90 x 50 x 90)		3.5" x 2.0" x 3.5" (90 x 50 x 90)		3.9" x 2" x 3.4" (100 x 50 x 86)	
LEVELING (1)							
BORE x ROD DIAMETER x STROKE	in. x in. x in. (mm x mm x mm)	3.9" x 3.9" x 6" (100 x 100 x 153)		3.9" x 3.9" x 6" (100 x 100 x 153)		3.9" x 3.9" x 6" (100 x 100 x 153)	
DOZER (2)							
BORE x ROD DIAMETER x STROKE	in. x in. x in. (mm x mm x mm)	3.9" x 3.5" x 8" (100 x 90 x 204)		4.3" x 2.8" x 6.7" (110 x 70 x 170)		5.1" x 3.1" x 6.3" (130 x 80 x 160)	
OUTRIGGER (2 or 4)							
BORE x ROD DIAMETER x STROKE	in. x in. x in. (mm x mm x mm)	4.3" x 2.8" x 17.2" (110 x 70 x 438)		5.1" x 3.1" x 15.6" (130 x 80 x 397)		5.1" x 3.1" x 15.4" (130 x 80 x 391)	

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

*does not include cushioning

Bucket

	Mono Boom Dozer / Outriggers (2 R) (US20)		Mono Boom Outriggers (2 F / 2 R) (US30)		Articulated Boom Dozer / Outriggers (2 R) (US40)		Articulated Boom Outriggers (2 F / 2 R) (US50)	
BOOM, MAIN ft.-in. (mm)	14' 5" (4400)				11' (3350)			
BOOM, ART. ft.-in. (mm)	-				7' 3" (2200)			
ARM ft.-in. (mm)	6' 11" (2100)							
MOUNT	PIN-ON	QUICK COUPLER	PIN-ON	QUICK COUPLER	PIN-ON	QUICK COUPLER	PIN-ON	QUICK COUPLER

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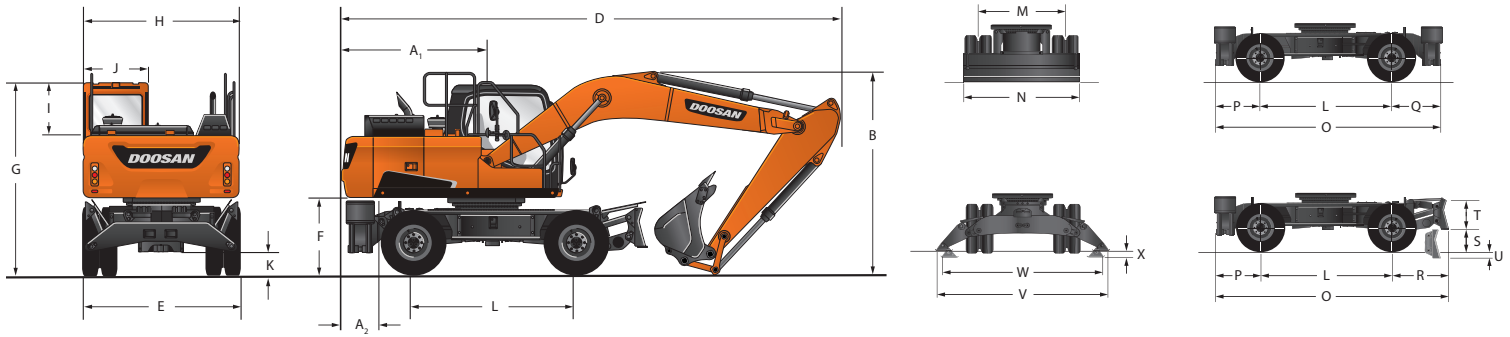
BUCKET TYPE	MODEL	CAPACITY ¹ yd ³ (m ³)	WIDTH in. (mm)	WEIGHT lb. (kg)								
HEAVY DUTY ^{2,3}	HF40-018	0.30 (0.23)	20 (508)	772 (350)	A	A	A	A	A	A	A	A
	HF40-024	0.42 (0.32)	26 (660)	878 (398)	A	A	A	A	A	A	A	A
	HF40-030	0.56 (0.43)	32 (813)	1013 (459)	A	A	A	A	A	A	A	A
	HF40-036	0.71 (0.54)	38 (965)	1147 (520)	A	A	A	A	A	A	A	A
	HF40-042	0.85 (0.65)	44 (1118)	1253 (568)	A	A	A	A	A	A	A	A
SEVERE DUTY ^{2,3}	SF40-018	0.30 (0.23)	20 (508)	994 (451)	A	A	A	A	A	A	A	A
	SF40-024	0.42 (0.32)	26 (660)	1069 (485)	A	A	A	A	A	A	A	A
	SF40-030	0.56 (0.43)	32 (813)	1168 (530)	A	A	A	A	A	A	A	A
	SF40-036	0.71 (0.54)	38 (965)	1415 (642)	A	A	A	A	A	A	A	A
	SF40-042	0.85 (0.65)	44 (1118)	1488 (675)	A	A	A	A	A	A	A	A
DITCHING ⁴	DX140BS8B48	0.64 (0.49)	48 (1219)	602 (273)	A	A	A	A	A	A	A	A
	DX140BS8B60	0.80 (0.61)	60 (1524)	908 (412)	A	A	A	A	A	A	A	A
HEAVY DUTY DITCHING	DX140H14WB1500	1.39 (1.06)	60 (1524)	1548 (702)	*	*	*	*	*	*	*	*
TILTING BUCKET - 90°	AT18R-1500	0.82 (0.63)	60 (1524)	1500 (680)	A	A	A	A	A	A	A	A
	AT18R-1800	1.05 (0.80)	72 (1823)	1600 (726)	A	A	A	A	A	A	A	A

- | | |
|--------------------------------------|------------------------------------------------------|
| 1 Capacity based on ISO 7451 | Maximum Suitable Material Density |
| 2 Equipped with Side Cutters | A 3370 lb./yd ³ (2000 kg/m ³) |
| 3 Equipped with Bolt On Teeth | B 2700 lb./yd ³ (1600 kg/m ³) |
| 4 Equipped with Bolt On Cutting Edge | C 1850 lb./yd ³ (1100 kg/m ³) |
| | X Not Approved |

* Based on designed use,
not material capacity.

Specifications

Dimensions



DX140W-5

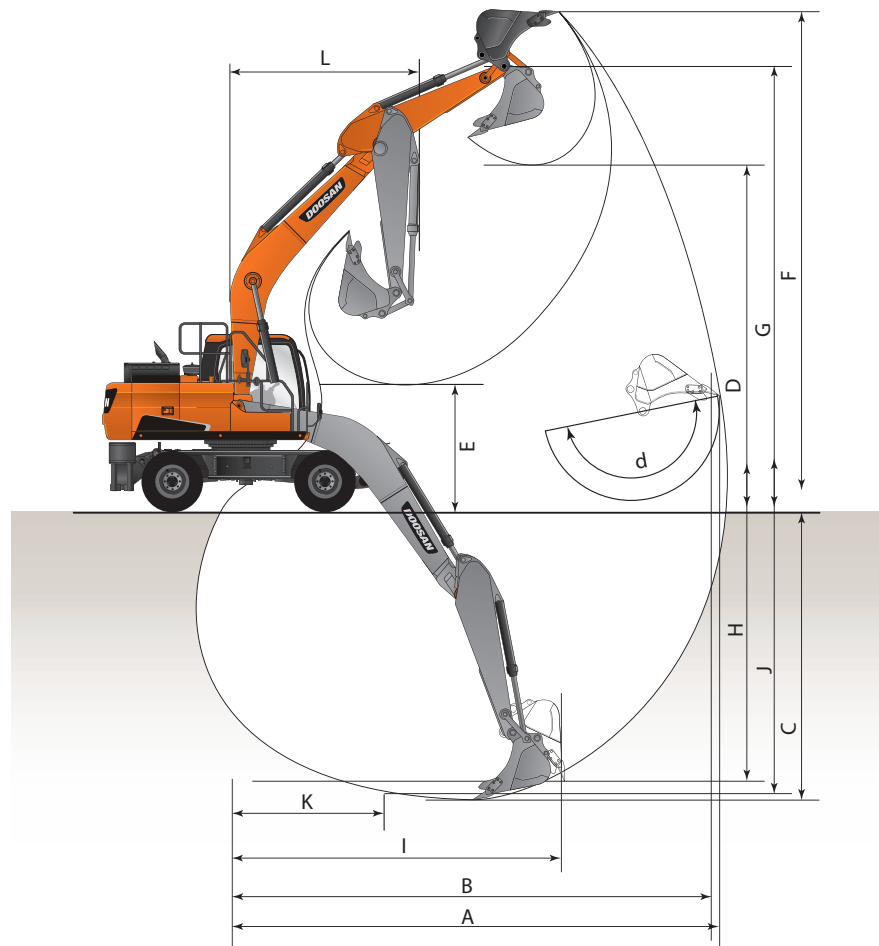
			Mono Boom Dozer / Outriggers (2 R) (US20)	Mono Boom Outriggers (2 F / 2 R) (US30)	Articulated Boom Dozer / Outriggers (2 R) (US40)	Articulated Boom Outriggers (2 F / 2 R) (US50)
BOOM, MAIN		ft.-in. (mm)	14' 5" (4400)		11' (3350)	
BOOM, ARTICULATED			-		7' 3" (2200)	
ARM		ft.-in. (mm)	6' 11" (2100)			
BUCKET TYPE (SAE)		yd ³ (m ³)	0.73 (0.56)			
TAIL SWING RADIUS	A ₁	ft.-in. (mm)	7' 3" (2205)			
TAIL SWING OVERHANG (REAR)	A ²	ft.-in. (mm)	-0.2" (-4.00)			
TAIL SWING OVERHANG (FRONT)	A ₃ *	ft.-in. (mm)	-1' 9" (-543)	-1' 11" (-582)	-1' 9" (-543)	-1' 11" (-582)
TAIL SWING OVERHANG (SIDE)**	A ₄ *	ft.-in. (mm)	1' 8" (502)			
SHIPPING HEIGHT (HOSE)	B	ft.-in. (mm)	9' 10" (2995)		9' 8" (2940)	
SHIPPING LENGTH	D	ft.-in. (mm)	24' 4" (7420)		26' 3" (8010)	
SHIPPING WIDTH	E	ft.-in. (mm)	8' 2" (2500)			
COUNTERWEIGHT CLEARANCE	F	ft.-in. (mm)	4' (1215)			
CABIN HEIGHT	G	ft.-in. (mm)	10' 8" (3242)			
UPPER STRUCTURE WIDTH	H	ft.-in. (mm)	8' 2" (2490)			
CABIN HEIGHT ABOVE HOUSE	I	ft.-in. (mm)	3' 4" (1027)			
CABIN WIDTH	J	ft.-in. (mm)	3' 4" (1010)			
CAR BODY CLEARANCE	K	ft.-in. (mm)	1' 2" (347)			
WHEEL BASE	L	ft.-in. (mm)	9' 2" (2800)			
TREAD WIDTH	M	ft.-in. (mm)	6' 5" (1944)			
BLADE WIDTH	N	ft.-in. (mm)	8' 2" (2495)	-	8' 2" (2495)	-
OVERALL UNDERCARRIAGE LENGTH	O	ft.-in. (mm)	16' 3" (4957)	16' 5" (4996)	16' 3" (4957)	16' 5" (4996)
OUTRIGGER LENGTH (REAR)	P	ft.-in. (mm)	3' 8" (1109)			
OUTRIGGER LENGTH (FRONT)	Q	ft.-in. (mm)	-	3' 7" (1087)	-	3' 7" (1087)
BLADE LENGTH (FRONT)	R	ft.-in. (mm)	3' 5" (1048)	-	3' 5" (1048)	-
BLADE CLEARANCE (RAISED)	S	ft.-in. (mm)	1' 7" (472)			
BLADE HEIGHT	T	ft.-in. (mm)	2' 2" (652)			
MAX. BLADE DEPTH	U	ft.-in. (mm)	5.0" (128)			
OUTRIGGER WIDTH (GROUND)	V	ft.-in. (mm)	11' 11" (3631)			
OUTRIGGER WIDTH (MAX DEPTH)	W	ft.-in. (mm)	11' 2" (3406)			
MAX. OUTRIGGER DEPTH	X	ft.-in. (mm)	-6.0" (-152)			
TIRE SIZE	-		8 x 10.00R20			

* Not Shown

** Outrigger Width (Ground Level)

*** Dozer Lowered to Ground

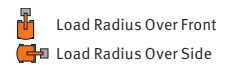
Working Range



DX140W-5

			Mono Boom Dozer / Outriggers (2 R) (US20)	Mono Boom Outriggers (2 F / 2 R) (US30)	Articulated Boom Dozer / Outriggers (2 R) (US40)	Articulated Boom Outriggers (2 F / 2 R) (US50)
BOOM, MAIN		ft.-in. (mm)	14' 5" (4400)		11' (3350)	
BOOM, ARTICULATED			-		7' 3" (2200)	
ARM		ft.-in. (mm)	6' 11" (2100)			
BUCKET (SAE)		yd³ (m³)	0.73 (0.56)			
MAX. DIGGING REACH	A	ft.-in. (mm)	24' 11" (7585)		26' 11" (8210)	
MAX. DIGGING REACH (GROUND)	B	ft.-in. (mm)	24' 2" (7375)		26' 4" (8020)	
MAX. DIGGING DEPTH	C	ft.-in. (mm)	14' 9" (4490)		16' 6" (5025)	
MAX. LOADING HEIGHT	D	ft.-in. (mm)	19' 4" (5905)		22' (6715)	
MIN. LOADING HEIGHT	E	ft.-in. (mm)	8' 7" (2625)		11' (3365)	
MAX. DIGGING HEIGHT	F	ft.-in. (mm)	26' 11" (8195)		29' 9" (9060)	
MAX. BUCKET PIN HEIGHT	G	ft.-in. (mm)	23' 5" (7125)		26' (7930)	
MAX. VERTICAL WALL DEPTH	H	ft.-in. (mm)	11' 4" (3445)		12' 7" (3840)	
MAX. RADIUS VERTICAL	I	ft.-in. (mm)	18' (5480)		19' 1" (5825)	
MAX. DEPTH TO 8' LINE	J	ft.-in. (mm)	13' 10" (4215)		16' 1" (4905)	
MIN. RADIUS 8' LINE	K	ft.-in. (mm)	6' 11" (2105)		2' 10" (865)	
MIN. SWING RADIUS	L	ft.-in. (mm)	7' 8" (2340)		8' 8" (2650)	
BUCKET ANGLE (DEG)	d	Degrees	174°			
DIGGING FORCE, BUCKET (PCSA)		lb. (kgf)	20,349 (9230)		22,487 (10,200)	
DIGGING FORCE, ARM		lb. (kgf)	17,064 (7740)			
COUNTERWEIGHT		lb. (kg)	4740 (2150)			
OPERATING WEIGHT		lb. (kg)	34,203 (15,510)	34,875 (15,820)	36,180 (16,410)	36,852 (16,720)

Lifting Capacity



DX140W-5 (US20)

Boom, Std: 14' 5" (4400 mm) Arm: 6' 11" (2100 mm) Counter Weight: 4740 lb. (2150 kg) Tire Size: 10.00R20 Bucket: None Unit: lb. (kg)

B (ft.)	A (ft.)	5' (1.5 m)		10' (3.0 m)		15' (4.5 m)		20' (6.0 m)		25' (7.5 m)		MAX REACH		
														A
20' (6 m)						* 7960 (* 3610)	* 7960 (* 3610)					* 6920 (* 3140)	* 6920 (* 3140)	15' 2" 4.63
15' (4.5 m)						* 12,460 (* 5650)	* 12,460 (* 5650)					* 6550 (* 2970)	* 6550 (* 2970)	18' 7" 5.68
10' (3 m)				* 21,120 (* 9580)	* 21,120 (* 9580)	* 14,670 (* 6650)	12,970 (5880)	* 9150 (* 4150)	8330 (3780)			* 6760 (* 3070)	* 6760 (* 3070)	20' 4" 6.19
5' (1.5 m)				* 20,090 (* 10,020)	* 20,090 (* 10,020)	* 16,570 (* 7520)	12,490 (5670)	* 12,360 (* 5610)	8160 (3700)			* 7470 (* 3390)	* 7470 (* 3390)	20' 9" 6.31
0 Ground Line				* 23,760 (* 10,780)	* 23,760 (* 10,780)	* 17,060 (* 7740)	12,210 (5540)	* 10,550 (* 4790)	8050 (3650)			* 8980 (* 4070)	7930 (3600)	19' 11" 6.07
-5' (-1.5 m)		(* 8490)	(* 8490)	* 22,080 (* 10,010)	* 22,080 (* 10,010)	* 15,310 (* 6940)	12,170 (5520)					* 11,980 (* 5430)	9370 (4250)	17' 8" 5.39
-10' (-3 m)				* 14,830 (* 6730)	* 14,830 (* 6730)							* 10,660 (* 4840)	* 10,660 (* 4840)	13' 5" 4.09

DX140W-5 (US30)

Boom, Std: 14' 5" (4400 mm) Arm: 6' 11" (2100 mm) Counter Weight: 4740 lb. (2150 kg) Tire Size: 10.00R20 Bucket: None Unit: lb. (kg)

B (ft.)	A (ft.)	5' (1.5 m)		10' (3.0 m)		15' (4.5 m)		20' (6.0 m)		25' (7.5 m)		MAX REACH		
														A
20' (6 m)						* 7960 (* 3610)	* 7960 (* 3610)					* 6920 (* 3140)	* 6920 (* 3140)	15' 2" 4.63
15' (4.5 m)						* 12,460 (* 5650)	* 12,460 (* 5650)					* 6550 (* 2970)	* 6550 (* 2970)	18' 7" 5.68
10' (3 m)				* 21,120 (* 9580)	* 21,120 (* 9580)	* 14,670 (* 6650)	* 14,670 (* 6650)	* 9150 (* 4150)	* 9150 (* 4150)			* 6760 (* 3070)	* 6760 (* 3070)	20' 4" 6.19
5' (1.5 m)				* 22,090 (* 10,020)	* 22,090 (* 10,020)	* 16,570 (* 7520)	15,050 (6830)	* 12,360 (* 5610)	9670 (4390)			* 7470 (* 3390)	* 7470 (* 3390)	20' 9" 6.31
0 Ground Line				* 23,760 (* 10,780)	* 23,760 (* 10,780)	* 17,060 (* 7740)	14,750 (6690)	* 10,550 (* 4790)	9560 (4340)			* 8980 (* 4070)	* 8980 (* 4070)	19' 11" 6.07
-5' (-1.5 m)		(* 8490)	(* 8490)	* 22,080 (* 10,010)	* 22,080 (* 10,010)	* 15,310 (* 6940)	14,710 (6670)					* 11,980 (* 5430)	11,180 (5070)	17' 8" 5.39
-10' (-3 m)				* 14,830 (* 6730)	* 14,830 (* 6730)							* 10,660 (* 4840)	* 10,660 (* 4840)	13' 5" 4.09

DX140W-5 (US40)

Boom, Artic.: 11' (3350 mm) & 7' 3" (2200 mm) Arm: 6' 11" (2100 mm) Counter Weight: 4740 lb. (2150 kg) Tire Size: 10.00R20 Bucket: None Unit: lb. (kg)

B (ft.)	A (ft.)	10' (3.0 m)		15' (4.5 m)		20' (6.0 m)		MAX REACH		
										A
20' (6 m)								* 8490 (* 3850)	* 8490 (* 3850)	12' 9" 3.89
15' (4.5 m)				* 10,310 (* 4680)	* 10,310 (* 4680)			* 7180 (* 3260)	* 7180 (* 3260)	18' 1" 5.52
10' (3 m)		* 14,500 (* 6570)	* 14,500 (* 6570)	* 11,460 (* 5200)	* 11,460 (* 5200)	* 10,220 (* 4640)	8800 (3990)	* 6860 (* 3110)	* 6860 (* 3110)	21' 1" 6.42
5' (1.5 m)				* 13,730 (* 6230)	13,280 (6020)	* 10,980 (* 4980)	8590 (3900)	* 7000 (* 3180)	6980 (3170)	22' 7" 6.88
0 Ground Line				* 15,810 (* 7170)	12,700 (5760)	* 11,850 (* 5380)	8350 (3790)	* 7550 (* 3420)	6710 (3040)	22' 11" 6.99
-5' (-1.5 m)				* 16,550 (* 7510)	12,400 (5620)	* 12,190 (* 5530)	8190 (3720)	* 8670 (* 3930)	6950 (3150)	22' 2" 6.76
-10' (-3 m)		* 22,060 (* 10,010)	* 22,060 (* 10,010)	* 15,680 (* 7110)	12,370 (5610)	* 11,280 (* 5120)	8200 (3720)	* 10,740 (* 4870)	7900 (3580)	20' 3" 6.17

DX140W-5 (US50)

Boom, Artic.: 11' (3350 mm) & 7' 3" (2200 mm) Arm: 6' 11" (2100 mm) Counter Weight: 4740 lb. (2150 kg) Tire Size: 10.00R20 Bucket: None Unit: lb. (kg)

B (ft.)	A (ft.)	10' (3.0 m)		15' (4.5 m)		20' (6.0 m)		MAX REACH		
										A
20' (6 m)								* 8490 (* 3850)	* 8490 (* 3850)	12' 9" 3.89
15' (4.5 m)				* 10,310 (* 4680)	* 10,310 (* 4680)			* 7180 (* 3260)	* 7180 (* 3260)	18' 1" 5.52
10' (3 m)		* 14,500 (* 6570)	* 14,500 (* 6570)	* 11,460 (* 5200)	* 11,460 (* 5200)	* 10,220 (* 4640)	* 10,220 (* 4640)	* 6860 (* 3110)	* 6860 (* 3110)	21' 1" 6.42
5' (1.5 m)				* 13,730 (* 6230)	* 13,730 (* 6230)	* 10,980 (* 4980)	10,170 (4610)	* 7000 (* 3180)	* 7000 (* 3180)	22' 7" 6.88
0 Ground Line				* 15,810 (* 7170)	15,340 (6960)	* 11,850 (* 5380)	9920 (4500)	* 7550 (* 3420)	* 7550 (* 3420)	22' 11" 6.99
-5' (-1.5 m)				* 16,550 (* 7510)	15,020 (6810)	* 12,190 (* 5530)	9760 (4420)	* 8670 (* 3930)	8240 (3740)	22' 2" 6.76
-10' (-3 m)		* 22,060 (* 10,010)	* 22,060 (* 10,010)	* 15,680 (* 7110)	14,990 (6800)	* 11,280 (* 5120)	9760 (4430)	* 10,740 (* 4870)	9390 (4260)	20' 3" 6.17

- Load point is the end of the arm. Lift capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities.
- Capacities 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
- Lift Capacities are in compliance with ISO 10567