



DX180LC TECHNICAL DATA





GENERAL SPECIFICATIONS

ITEMS		UNIT	STANDARD
ENGINE	MODEL		Doosan DL06 Diesel, Tier III Certified
	NUMBER OF CYLINDERS		6
	RATED FLYWHEEL POWER (hp PER SAE J1995) GROSS	hp / rpm	122 / 1,950
		kW / rpm	91 / 1,950
	RATED FLYWHEEL POWER (hp PER SAE J1349) NET	hp / rpm	118 / 1,950
		kW / rpm	88 / 1,950
	MAXIMUM TORQUE (GROSS) (SAE J1995)	ft. lb. / rpm	340 / 1,400
		Nm / rpm	461 / 1,400
	PISTON DISPLACEMENT	in. ³	359
		cc	5,890
	BORE AND STROKE	in. x in.	3.9 x 4.9
mm x mm		100 x 125	
STARTER	V / kW	24 V, 4.5 kW	
BATTERIES	V / AH	2 x 12 V x 100 AH	
AIR CLEANER		Double element with auto dust evacuation.	
MAIN PUMPS – 2 VARIABLE DISPLACEMENT AXIAL PISTON PUMPS MAX FLOW	US gpm	2 x 40.2	
	L / min.	2 x 152	
PILOT PUMP (GEAR DESIGN)	MAXIMUM FLOW	US gpm	4.9
		L / min.	18.5
	RELIEF PRESSURE	psi	569
		bar	39
MAXIMUM SYSTEM PRESSURE	BOOM/ARM/BUCKET (NORMAL MODE)	psi	4,694
		bar	324
	BOOM/ARM/BUCKET (POWER MODE)	psi	4,978
		bar	343
	TRAVEL	psi	4,694
		bar	324
SWING	psi	3,840	
	bar	265	
UNDERCARRIAGE	UPPER ROLLERS		2 each track (STD. Shoes)
	LOWER ROLLERS		7 each track
	NUMBER OF SHOES (LINKS PER SIDE)		44 each track (Triple Grouser)
	TOTAL LENGTH OF TRACK	ft. in.	10' 5"
mm		3,180	
ENVIRONMENT	SOUND LEVEL (2000/14/EC)	dB(A)	102
	CABIN SOUND LEVEL (ISO 6396)	dB(A)	71
SWING MECHANISM	SWING SPEED	rpm	0 - 10.7
DRIVE SYSTEM	TRAVEL SPEED (FAST/SLOW)	mph	3.1 / 2.0
		km / h.	5.0 / 3.2
	DRAWBAR PULL	lb.	33,730
		kg	15,300
	MAXIMUM GRADE	%	70
		°	35

DX180LC

ITEMS		UNIT	STANDARD
REFILL CAPACITIES	FUEL TANK	US gal.	74
		L	280
	COOLING SYSTEM (RADIATOR CAPACITY)	qt.	21
		L	20
	ENGINE OIL	qt.	26
		L	25
	SWING DRIVE	qt.	4
		L	3.8
	FINAL DRIVE (EACH SIDE)	qt.	3.2
		L	3
	HYDRAULIC SYSTEM	US gal.	49.1
		L	186
	HYDRAULIC TANK	US gal.	39.6
		L	150

WEIGHT

BOOM	16' 11" STD. (5,150 mm)	
ARM	8' 6" STD. (2,600 mm)	
BUCKET	0.92 yd.³ (0.7 m³)	
SHOE WIDTH (TRIPLE GROUSER)	OPERATING WEIGHT	GROUND PRESSURE
2'0" NARROW (600 mm)	38,933 lb. (17,660 kg)	5.97 psi (0.41 bar)
2'4" STD. (700 mm)	39,683 lb. (18,000 kg)	5.26 psi (0.36 bar)
2'8" STD. (800 mm)	40,124 lb. (18,200 kg)	4.69 psi (0.32 bar)
2'11" (900 mm)	40,785 lb. (18,500 kg)	4.12 psi (0.28 bar)

HYDRAULIC CYLINDERS

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 extend piston life.

CYLINDERS	QUANTITY	BORE x ROD DIAMETER x STROKE
BOOM	2	4.5" x 3.1" x 3' 11" (115 x 80 x 1,195 mm)
ARM	1	4.9" x 3.5" x 4' 10" (125 x 90 x 1,470 mm)
BUCKET	1	4.3" x 3.0" x 3' 4" (110 x 75 x 1,025 mm)



BUCKET

CAPACITY		WIDTH		WEIGHT	RECOMMENDATIONS	
					(ONE PIECE) 16' 11" STD. (5,150 mm)	
SAE, HEAPED	CECE, HEAPED	WITHOUT SIDE CUTTERS	WITH SIDE CUTTERS		8' 6" STD. (2,600 mm)	10' 2" (3,100 mm)
0.50 yd. ³ (0.38 m ³)	0.41 yd. ³ (0.31 m ³)	23.8" (604 mm)	25.2" (640 mm)	970 lb. (440 kg)	A	A
0.59 yd. ³ (0.45 m ³)	0.54 yd. ³ (0.41 m ³)	28.5" (725 mm)	30.5" (775 mm)	1,025 lb. (465 kg)	A	A
0.75 yd. ³ (0.57 m ³)	0.67 yd. ³ (0.51 m ³)	34.1" (865 mm)	36" (913 mm)	1,146 lb. (520 kg)	A	B
0.92 yd. ³ (0.7 m ³)	0.81 yd. ³ (0.62 m ³)	40" (1,015 mm)	41.9" (1,063 mm)	1,250 lb. (567 kg)	B	C
0.99 yd. ³ (0.76 m ³)	0.88 yd. ³ (0.67 m ³)	42.5" (1,079 mm)	44.4" (1,127 mm)	1,327 lb. (602 kg)	B	C
1.05 yd. ³ (0.8 m ³)	0.92 yd. ³ (0.7 m ³)	44.2" (1,123 mm)	46.1" (1,171 mm)	1,360 lb. (615 kg)	C	-
1.22 yd. ³ (0.93 m ³)	1.06 yd. ³ (0.81 m ³)	50.2" (1,276 mm)	51.8" (1,315 mm)	1,466 lb. (663 kg)	-	-

A. Suitable for materials with density of 2,000 kg·m³ (3,370 lb./yd.³) or less

B. Suitable for materials with density of 1,600 kg·m³ (2,700 lb./yd.³) or less

C. Suitable for materials with density of 1,100 kg·m³ (1,850 lb./yd.³) or less

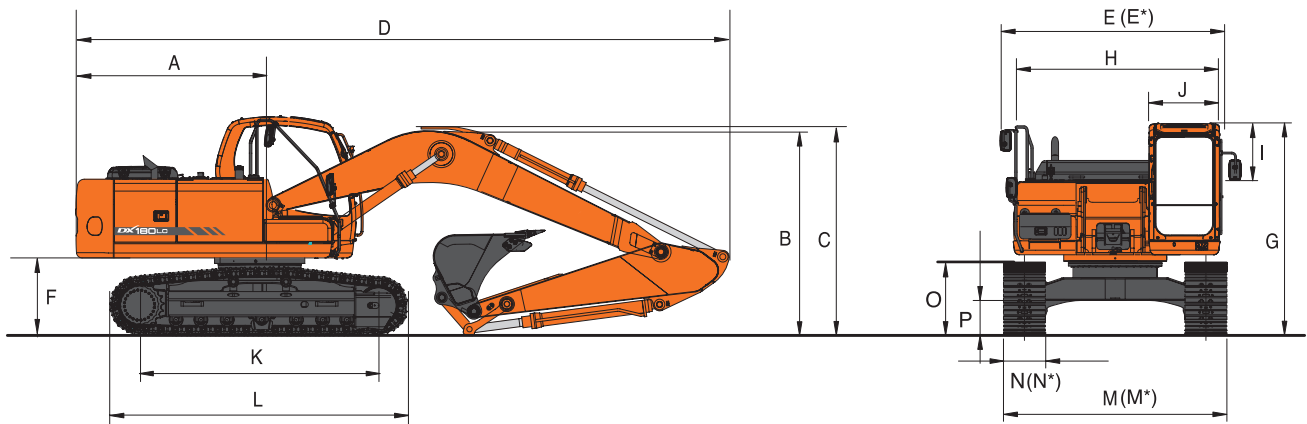
DIGGING FORCE (ISO)

BUCKET (PCSA)	0.50 yd. ³ (0.38 m ³)	0.59 yd. ³ (0.45 m ³)	0.75 yd. ³ (0.57 m ³)	0.92 yd. ³ (0.70 m ³)	0.99 yd. ³ (0.76 m ³)	1.05 yd. ³ (0.8 m ³)	1.22 yd. ³ (0.93 m ³)
DIGGING FORCE	28,669 lbf.	28,669 lbf.	28,669 lbf.	28,669 lbf.	28,669 lbf.	28,669 lbf.	28,669 lbf.
	13,000 kgf.	13,000 kgf.	13,000 kgf.	13,000 kgf.	13,000 kgf.	13,000 kgf.	13,000 kgf.
	127.6 kN	127.6 kN	127.6 kN	127.6 kN	127.6 kN	127.6 kN	127.6 kN

ARM	8' 6" (2,600 mm)	10' 2" STD. (3,100 mm)
DIGGING FORCE	9,300 lbf.	18,739 lbf.
	9,300 kgf.	8,500 kgf.
	91.3 kN	83.4 kN

DX180LC

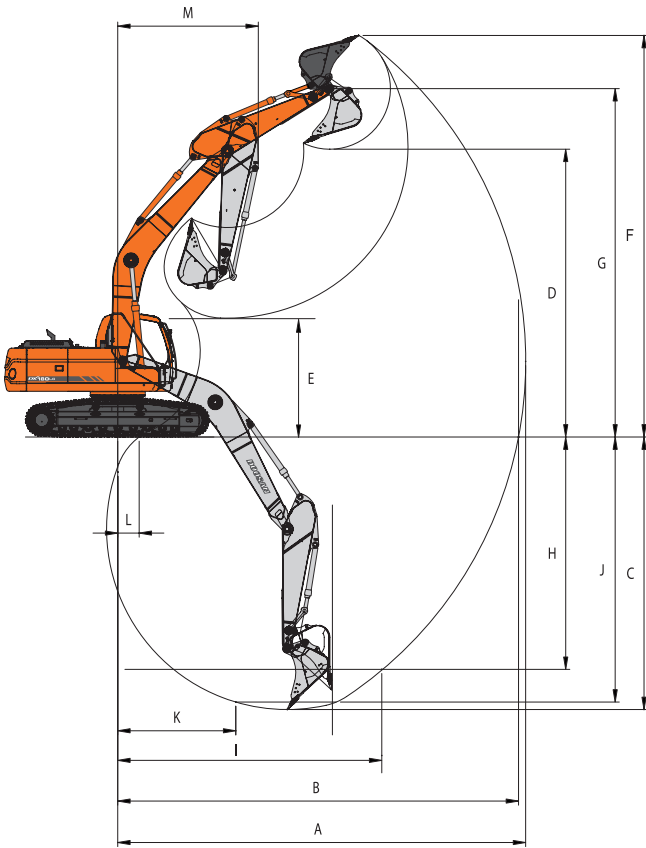
DIMENSIONS



BOOM TYPE		(ONE PIECE) 16' 11" STD. (5,150 mm)	
ARM TYPE		8' 6" STD. (2,600 mm)	10' 2" (3,100 mm)
BUCKET TYPE (SAE)		0.92 yd. ³ (0.7 m ³)	0.75 yd. ³ (0.57 m ³)
TAIL SWING RADIUS	A	8' (2,450 mm)	←
SHIPPING HEIGHT (BOOM)	B	8' 11" (2,730 mm)	9' 11" (3,015 mm)
SHIPPING HEIGHT (HOSE)	C	9' 5" (2,875 mm)	10' 5" (3,165 mm)
SHIPPING LENGTH	D	28' 7" (8,700 mm)	28' 8" (8,750 mm)
SHIPPING WIDTH (STD.)	E	9' 6" (2,900 mm)	←
SHIPPING WIDTH (NARROW)	E*	8' 6" (2,590 mm)	←
C/WEIGHT CLEARANCE	F	3' 5" (1,035 mm)	←
HEIGHT OVER CAB.	G	9' 7" (2,925 mm)	←
HOUSE WIDTH	H	8' 4" (2,540 mm)	←
CAB. HEIGHT ABOVE HOUSE	I	2' 9" (845 mm)	←
CAB. WIDTH	J	3' 2" (960 mm)	←
TUMBLER DISTANCE	K	10' 5" (3,180 mm)	←
TRACK LENGTH	L	13' (3,968 mm)	←
UNDERCARRIAGE WIDTH (STD.)	M	9' 6" (2,900 mm)	←
UNDERCARRIAGE WIDTH (NARROW)	M*	8' 6" (2,590 mm)	←
SHOE WIDTH (STD.)	N	2' 4" (700 mm)	←
SHOE WIDTH (NARROW)	N*	2' (600 mm)	←
TRACK HEIGHT	O	3' (917 mm)	←
CAR BODY CLEARANCE	P	1' 6" (455 mm)	←



WORKING RANGE



BOOM TYPE		(ONE PIECE) 16' 11" STD. (5,150 mm)	
ARM TYPE		8' 6" STD. (2,600 mm)	10' 2" (3,100 mm)
BUCKET TYPE (SAE)		0.92 yd. ³ (0.7 m ³)	0.75 yd. ³ (0.57 m ³)
MAX. DIGGING REACH	A	30' (9,150 mm)	31' 2" (9,500 mm)
MAX. DIGGING REACH (GROUND)	B	29' 6" (8,980 mm)	30' 8" (9,340 mm)
MAX. DIGGING DEPTH	C	20' 1" (6,120 mm)	21' 9" (6,620 mm)
MAX. LOADING HEIGHT	D	21' 4" (6,490 mm)	21' 4" (6,490 mm)
MIN. LOADING HEIGHT	E	7' 9" (2,370 mm)	6' 2" (1,870 mm)
MAX. DIGGING HEIGHT	F	30' 1" (9,180 mm)	29' 11" (9,110 mm)
MAX. BUCKET PIN HEIGHT	G	26' (7,920 mm)	26' (7,920 mm)
MAX. VERTICAL WALL DEPTH	H	16' 6" (5,030 mm)	16' 10" (5,130 mm)
MAX. RADIUS VERTICAL	I	19' 11" (6,080 mm)	21' 4" (6,510 mm)
MAX. DEPTH TO 8' LINE	J	19' 5" (5,930 mm)	21' 1" (6,420 mm)
MIN. RADIUS 8' LINE	K	7' 10" (2,400 mm)	7' 7" (2,310 mm)
MIN. DIGGING REACH	L	11" (290 mm)	0" (0 mm)
MIN. SWING RADIUS	M	10' 4" (3,150 mm)	10' 3" (3,130 mm)

NOTES

A large grid of graph paper for taking notes. The grid consists of 20 columns and 30 rows of small squares. The grid is empty and occupies the majority of the page below the 'NOTES' header.



STANDARD EQUIPMENT

ENGINE:

DOOSAN DL06:

- Turbo Charged and After Cooled

Electronically Controlled Common Rail Direct Injected

359 cu.in., 6 Cylinder

118 SAE Net Flywheel Horsepower @ 1,950 rpm

Auto Idle System

Equipped with the Fuel Pre-Filter with Water Separator & Built in Priming Pump

Radiator Reserve Tank

Large Capacity Double Element Air Cleaner with Evacuator

Electronic Engine Speed Control

Engine Overheat and Low Oil Pressure Prevention System

HYDRAULIC SYSTEM:

Pilot Operated Control Valves, (9) Spools

Main Pump:

- Bent Axis Axial Piston Type Pressure Setting 4,978 psi

Pilot Circuit, Gear Type Pump

Swing Motor:

- Axial Piston Type

Swing Speed Control up to 10.7 rpm

Spring Set, Hydraulic-Released Brakes

Travel Motor:

- Axial Piston Type, Automatic 2-Speed Control

Travel Speed (High / Low): 3.1 mph / 2.0 mph

In-Shoe Design, Oil Disc Parking Brake

Cross Sensing Pump Control for Fuel Saving

Two Operating Modes, Two Power Modes

Button Control of Flow in Auxiliary Equipment Circuits

Computer-Aided Pump Power Control

e-EPOS (Electronic Power Optimizing System) Controller

CAB:

ROPS Approved

Steel, All Weather Sound Suppressed Type

Fully Automatically Controlled Air Conditioner with Heat

Multi-function Color LCD Monitor Panel

Cigarette Lighter with Ashtray

Door Locks

Front Windshield Wiper with Washer

Radio:

- AM/FM Stereo with Cassette

- Remote Radio On/Off Switch, Control Volume, Channel Selection

Switches:

- Auxiliary Mode Switch
- Engine Emergency Stop Switch
- Work Light Switch
- Travel Speed Selector Switch
- Breaker, Power-Up, Shear Switch

Glass Antenna

Safety Glass, Tinted

Safety Lock Lever

Seat:

- Suspension with Seat Belt (2" Wide)
- Reclining, Height Adjustable
- Adjustable Arm Rests
- Sliding Control Console
- Weight Adjustment Knob

Skylight

Pull Up Type Front Window

Removable Lower Front Window

Sliding Side Windows

Front Window Air Defroster

Travel Pedals with Hand Levers

Emergency Breakout Tool

Lunch Box with Hot & Cool Air

12V Power Socket

Joystick Lever with 3 Switches

Cup Holder

Room Light

Serial Communication Port for Laptop PC Interface (DMS, Edoctor)

Viscous Cab Mounts

ELECTRICAL:

Alternator:

- 60 Amp

Batteries:

- (2) 12V, 100 Amp Hrs 750 CCA ea.

Starter:

- 24V, 4.5 kW

Lights:

- Halogen Working Light (2) Machine, (2) Boom

Electric Horn

Hour Meter

Alarm Buzzer for:

- Engine Oil Pressure
- Coolant Temperature

Electronic Monitor for:

- Engine Coolant Temperature Gauge
- Fuel Gauge
- Hydraulic Oil Temperature Gauge

Multi-Function Display for:

- Engine rpm
- Battery Voltage
- Front and Rear Hydraulic Pump Pressure
- Hydraulic Oil Overheating Warning
- Fuel Shortage Warning
- Air Cleaner Clogging Warning
- Pilot Filter Clogging Warning
- Return Filter Clogging Warning
- Digital Clock
- Engine Check Warning Light
- Engine Oil Pressure Warning Light
- Charge Warning Light
- Preheat Indicator Light
- Coolant Temperature Warning Light
- Work Light Indicator Light

Operation Modes for:

- Power Mode Select Button
- Flow Rate Control
- Auto Idle Select Button
- 4 Display Selection Buttons
- Trenching Mode Select Button

UNDERCARRIAGE:

Track Guards and Chains with Adjusters

Track Rollers:

- (2) Upper, (7) Lower Each Side

Triple Grouser Shoes:

- 44 Each Side; 700 mm Width

OTHER STANDARD EQUIPMENT:

Joystick Pattern Change Valve

Counterweight:

- 6,610 lb. (3,000 kg.)

Sealed Pins, Boom, Arm and Bucket Linkages

Swing Mechanism, Internal Gear and Pinion

Integrated Track Spring and Idler

Centralized Lube Points

Large Handrail

Punched Metal Anti-slip Plates

Ultra-Hard Wear-Resistant Disc at the Bucket Pivot

Engine Restart Prevention System

Self-Diagnostic System

Manuals:

- Parts and Operator's

GPS with 1 Year Subscription



OPTIONAL EQUIPMENT

HYDRAULIC KITS – FACTORY INSTALLED:

Single Acting Breaker Kit

Double Acting Thumb Kit

ADDITIONAL OPTIONS – FACTORY INSTALLED:

Air Suspension Seat

CD Player

Work Lights (2 Front Mounted on Cab)

Work Lights (4 Front 2 Rear Mounted on Cab)

Rotating Beacon (Mounted on Cab)

24V, 80A Alternator

Swing Alarm

Electric Fuel Supply Pump

Rain Shield

Falling Objects Guard Assembly Kit

Lock Valve

GEITH COUPLERS – DEALER INSTALLED:

Hydraulic Quick Coupler

Manual Quick Coupler

GEITH THUMBS – DEALER INSTALLED:

Hydraulic Pro Link Thumb

Geith Pro Link Thumb

HYDRAULIC KITS – DEALER INSTALLED:

Breaker Kit (B) Single Acting HKX

Thumb Kit (T) Double Acting HKX Piping Ends at Boom Tip

Breaker / Thumb Kit (BT) Single & Double Acting HKX

ADDITIONAL OPTIONS – DEALER INSTALLED:

3" Seat Belt

Vandalism Covers

DX180LC

LIFTING CAPACITY

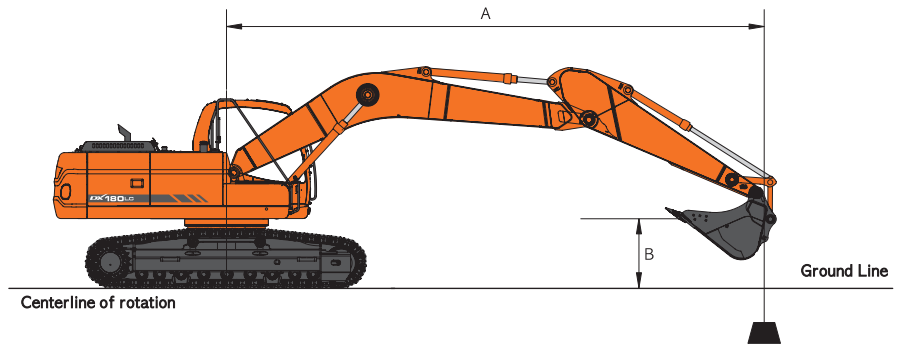
Boom: 17'1" (5,200 mm)

Arm: 8'6" (2,600 mm)

Bucket: SAE 0.92 yd.³ (0.7 m³)

Shoe: 27.56" (700 mm)

Counterweight: 3.31 ton (3.0 metric ton)



Feet

Unit: 1,000 lb.

B (ft.) \ A (ft.)	5		10		15		20		25		MAX. REACH		A (ft)
25											5.28*	5.28*	16.92
20							7.04*	7.04*			4.71*	4.71*	21.42
15							9.23*	7			4.60*	4.60*	24.04
10			19.06*	FALSE	12.86*	10.65	9.9	6.58	6.04*	4.37	4.78*	4.22	25.44
5			22.44*	18.07	15.06	9.63	9.4	6.12	6.5	4.18	5.25*	3.95	25.79
0 (GROUND)			21.39*	17.12	14.32	8.98	9.02	5.78	6.34	4.03	6.13*	3.99	25.15
-5	17.53*	17.53*	26.25*	17.07	14.05	8.74	8.86	5.63			6.96	4.43	23.44
-10	25.64*	25.64*	22.68*	17.44	14.19	8.86	8.99	5.75			8.77	5.61	20.35
-15			15.70*	FALSE	10.41*	9.43					10.25*	9.35	15.09

Metric

Unit: 1,000 kg

B (m) \ A (m)	1		2		3		4		5		6		7		MAX. REACH		A (m)
7															2.25*	2.25*	5.81
6											3.46*	3.37			2.13*	2.13*	6.59
5											4.10*	3.31	2.58*	2.46	2.09*	2.09*	7.15
4									4.79*	4.4	4.39*	3.2	3.62	2.41	2.10*	2.08	7.53
3					8.93*	8.93*	6.62*	5.99	5.46*	4.16	4.61	3.06	3.53	2.33	2.17*	1.91	7.76
2					11.26*	8.73	7.82*	5.54	6.01	3.91	4.45	2.92	3.44	2.24	2.30*	1.81	7.86
1					8.78*	8.18	8.39	5.2	5.78	3.7	4.3	2.79	3.35	2.16	2.49*	1.78	7.83
0 (GROUND)			5.28*	5.28*	9.39*	7.98	8.15	5	5.61	3.55	4.2	2.69	3.29	2.1	2.78*	1.81	7.67
-1	6.55*	6.55*	7.56*	7.56*	11.23*	7.95	8.05	4.91	5.52	3.47	4.13	2.63	3.25	2.07	3.01	1.92	7.36
-2	8.49*	8.49*	9.94*	9.94*	11.68*	8	8.04	4.9	5.5	3.45	4.12	2.61			3.34	2.13	6.90
-3	10.66*	10.66*	12.70*	12.70*	10.49*	8.14	8.12	4.97	5.54	3.49	4.17	2.66			3.94	2.52	6.24
-4			11.39*	11.39*	8.68*	8.36	6.82*	5.11	5.28*	3.62					4.78*	3.31	5.32
-5					5.76*	5.76*									4.39*	4.39*	3.94

- LOAD POINT IS THE END OF THE BUCKET HOOK.
- CAPACITIES MARKED WITH AN ASTERISK (*) ARE LIMITED BY HYDRAULIC CAPACITIES.
- LIFT CAPACITIES SHOWN DO NOT EXCEED 75% OF MINIMUM TIPPING LOADS OR 87% OF HYDRAULIC CAPACITIES.
- THE LEAST STABLE POSITION IS OVER THE SIDE.
- THE TOTAL MASS OF MACHINE IS 18,000 KG INCLUDED IN THIS MASS BOOM 5.20 M, ARM 2.60 M, 3000 KG COUNTER WEIGHT, BUCKET WEIGHT 570 KG, ALL OPERATING FLUIDS AND A 75 KG OPERATOR.
- LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.

: Rating Over Front

: Rating Over Side or 360 degree



LIFTING CAPACITY

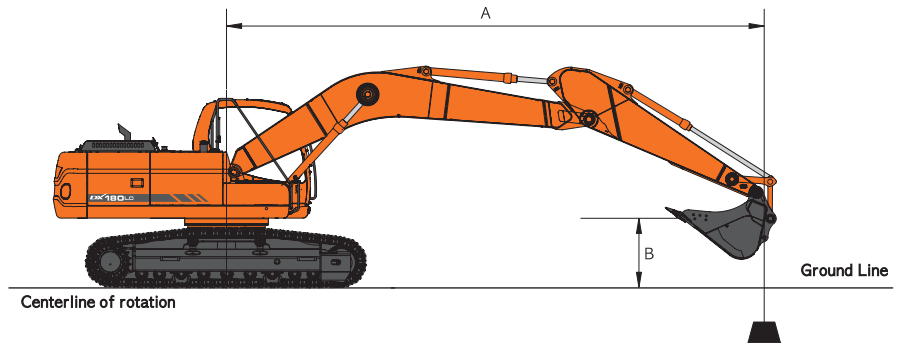
Boom: 17'1" (5,200 mm)

Arm: 8'6" (2,600 mm)

Bucket: SAE 0.92 yd.³ (0.7 m³)

Shoe: 23.62" (600 mm)

Counterweight: 3.31 ton (3.0 metric ton)



Feet

Unit: 1,000 lb.

B (ft.) \ A (ft.)	5		10		15		20		25		MAX. REACH		A (ft.)
25											5.28*	5.28*	16.92
20							7.04*	FALSE			4.71*	4.71*	21.42
15							9.23*	6.84			4.60*	4.60*	24.05
10			19.06*	FALSE	12.86*	10.41	9.66	6.42	6.04*	4.25	4.78*	4.1	25.44
5			22.44*	17.64	14.71	9.4	9.16	5.96	6.32	4.06	5.25*	3.83	25.79
0 (GROUND)			21.39*	16.7	13.96	8.74	8.78	5.61	6.16	3.91	6.1	3.87	25.15
-5	17.53*	FALSE	26.25*	16.64	13.69	8.51	8.62	5.46			6.77	4.3	23.44
-10	25.64 *	FALSE	22.68*	17.02	13.83	8.62	8.75	5.59			8.54	5.46	20.35
-15			15.70*	FALSE	10.41*	9.19					10.25*	9.12	15.09

Metric

Unit: 1,000 kg

B (m) \ A (m)	1		2		3		4		5		6		7		MAX. REACH		A (m)
7															2.25*	2.25*	5.81
6											3.46*	3.29			2.13*	2.13*	6.59
5											4.10*	3.24	2.58*	2.4	2.09*	2.09*	7.15
4									4.79*	4.3	4.39*	3.13	3.53	2.35	2.10*	2.02	7.53
3					8.93*	8.93*	6.62*	5.86	5.46*	4.06	4.5	2.99	3.44	2.27	2.17*	1.85	7.76
2					11.26*	8.53	7.82 *	5.41	5.87	3.82	4.34	2.84	3.35	2.18	2.30*	1.76	7.86
1					8.78*	7.98	8.19	5.07	5.63	3.61	4.19	2.71	3.26	2.1	2.49*	1.73	7.83
0 (GROUND)			5.28*	5.28*	9.39*	7.79	7.95	4.87	5.47	3.46	4.09	2.61	3.2	2.04	2.77	1.76	7.67
-1	6.55*	6.55*	7.56*	7.56*	11.23*	7.75	7.85	4.78	5.38	3.38	4.02	2.55	3.16	2.01	2.93	1.86	7.36
-2	8.49*	8.49*	9.94*	9.94*	11.68*	7.8	7.84	4.77	5.35	3.36	4.01	2.54			3.24	2.06	6.90
-3	10.66*	10.66*	12.70*	12.70*	10.49*	7.94	7.92	4.84	5.4	3.4	4.06	2.59			3.83	2.45	6.24
-4			11.39*	11.39*	8.68*	8.16	6.82*	4.99	5.28*	3.52					4.78*	3.23	5.32
-5					5.76*	5.76*									4.39*	4.39*	3.94

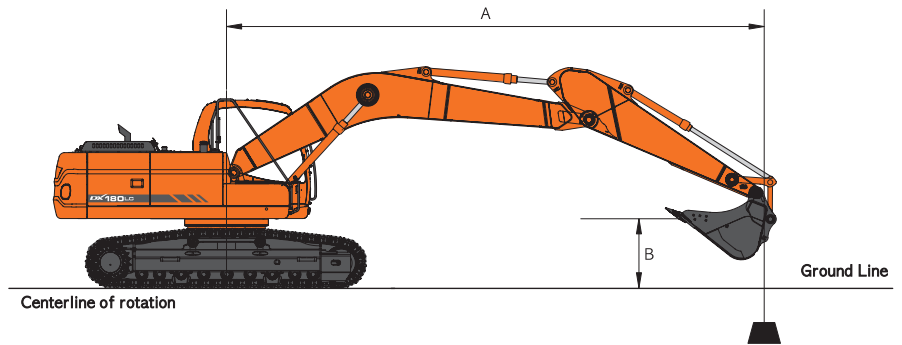
- LOAD POINT IS THE END OF THE BUCKET HOOK.
- CAPACITIES MARKED WITH AN ASTERISK (*) ARE LIMITED BY HYDRAULIC CAPACITIES.
- LIFT CAPACITIES SHOWN DO NOT EXCEED 75% OF MINIMUM TIPPING LOADS OR 87% OF HYDRAULIC CAPACITIES.
- THE LEAST STABLE POSITION IS OVER THE SIDE.
- THE TOTAL MASS OF MACHINE IS 18000 KG INCLUDED IN THIS MASS BOOM 5.20 M, ARM 2.60 M, 3000 KG COUNTERWEIGHT, BUCKET WEIGHT 570 KG, ALL OPERATING FLUIDS AND A 75 KG OPERATOR.
- LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.

Rating Over Front

Rating Over Side or 360 degree

DX180LC

Boom: 17'1" (5,200 mm)
Arm: 10'2" (3,100 mm)
Bucket: SAE 0.75 yd.³ (0.57 m³)
Shoe: 27.56" (700 mm)
Counterweight: 3.31 ton (3.0 metric ton)



Feet Unit: 1,000 lb.

B (ft.) \ A (ft.)	5		10		15		20		25		MAX. REACH		A (ft.)
25											5.01*	5.01*	19.06
20							7.38*	FALSE			4.61*	4.61*	23.12
15							8.41*	7.32	5.51*	4.78	4.56*	4.55	25.58
10					11.61*	11.16	9.69*	6.88	6.93	4.59	4.77*	3.97	26.89
5			23.75*	19.07	14.75*	10.05	9.67	6.37	6.67	4.35	5.22*	3.71	27.22
0 (GROUND)	10.64*	FALSE	23.95*	17.46	14.61	9.24	9.2	5.95	6.45	4.14	5.83	3.73	26.62
-5	16.42*	FALSE	27.29*	17.08	14.17	8.85	8.95	5.71			6.36	4.05	25.00
-10	23.04*	FALSE	24.74*	17.27	14.15	8.84	8.95	5.71			7.68	4.92	22.16
-15	31.72*	FALSE	19.27*	17.94	13.15*	9.19					10.70*	7.34	17.46

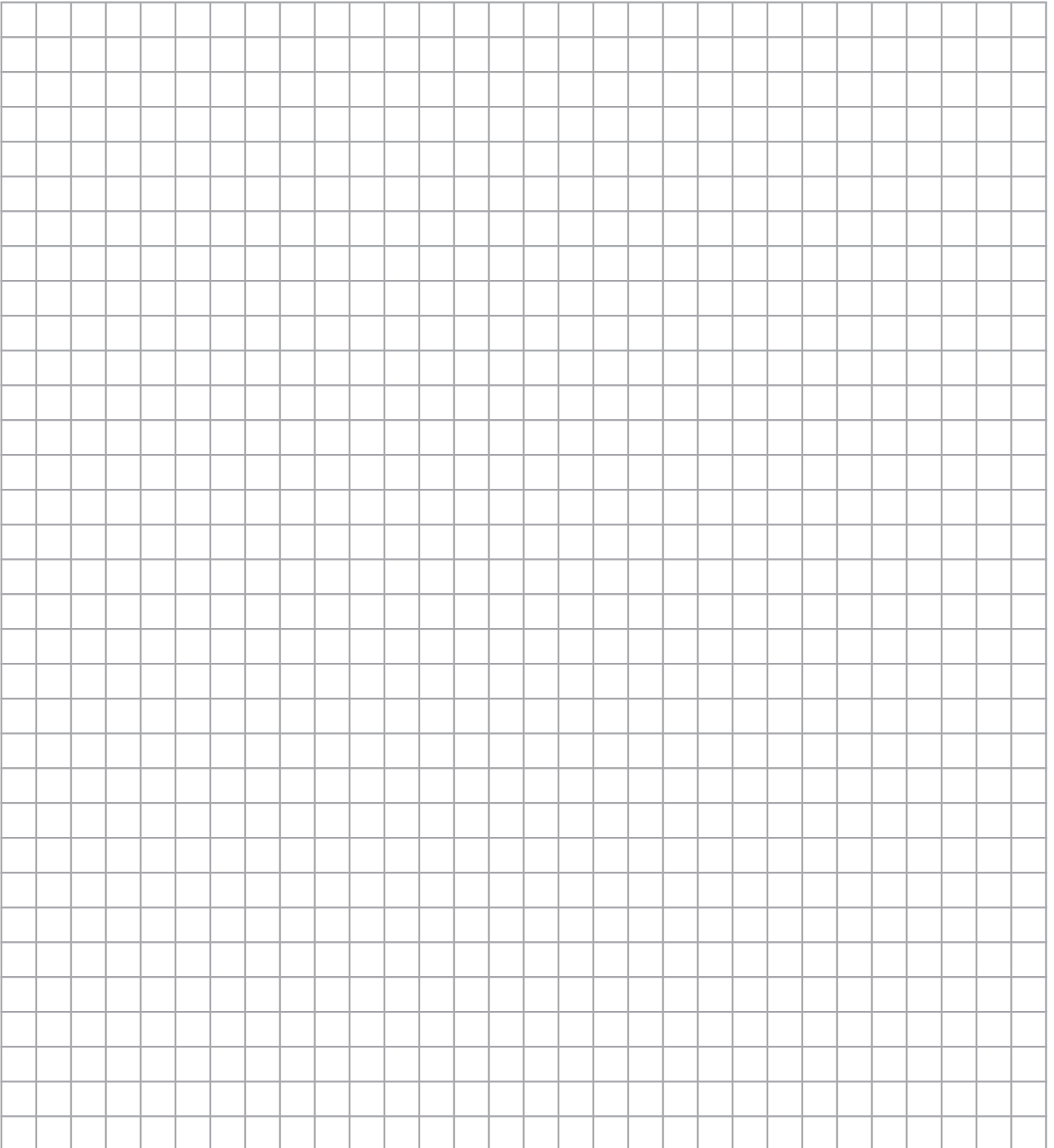
Metric Unit: 1,000 kg

B (m) \ A (m)	1		2		3		4		5		6		7		8		MAX. REACH		A (m)
7											2.80*	2.80*					2.17*	2.17*	6.38
6											3.46*	3.46*	2.31*	2.31*			2.09*	2.09*	7.10
5											3.71*	3.46	3.19*	2.59			2.06*	2.06*	7.63
4											4.03*	3.35	3.74	2.53			2.09*	1.94	7.98
3							5.87*	5.87*	5.00*	4.35	4.46*	3.2	3.65	2.44	2.75*	1.89	2.17*	1.79	8.20
2					9.99*	9.3	7.17*	5.82	5.76*	4.09	4.58	3.04	3.54	2.34	2.81	1.83	2.29*	1.71	8.30
1					11.83*	8.53	8.28*	5.41	5.93	3.84	4.42	2.89	3.44	2.24	2.75	1.78	2.48*	1.67	8.27
0 (GROUND)			5.83*	5.83*	10.50*	8.14	8.31	5.13	5.73	3.66	4.28	2.77	3.35	2.16	2.71	1.73	2.65	1.69	8.11
-1	6.03*	6.03*	7.43*	7.43*	11.36*	7.99	8.13	4.98	5.59	3.54	4.19	2.68	3.3	2.11			2.77	1.77	7.83
-2	7.69*	7.69*	9.28*	9.28*	12.32*	7.97	8.06	4.92	5.53	3.48	4.15	2.64	3.27	2.09			3.02	1.93	7.39
-3	9.51*	9.51*	11.49*	11.49*	11.44*	8.05	8.09	4.95	5.54	3.49	4.16	2.65					3.46	2.22	6.78
-4	11.62*	11.62*	13.79*	13.79*	10.01*	8.23	7.73*	5.04	5.62	3.56							4.29	2.76	5.95
-5			10.33*	10.33*	7.76*	7.76*	6.01*	5.24									4.84*	4.02	4.75

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- LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.

Rating Over Front
 Rating Over Side or 360 degree

NOTES

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.



BRO-DX180LC-TD (8/11)

Kn-2M-811-25863-F

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