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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HDIPBE-01-2305

HD HYUNDAI INFRACORE

DEVELON

DEVELON

Construction Equipment

DX220LC-7M

HIGHLY EFFICIENT MODEL

The DX220LC-7M is designed to perform diverse kinds of work in different working environments as performance and fuel consumption are ideally balanced.

NEW-7M SERIES

DEVELON's new DX220LC-7M can reduce costs while increasing profits as it is equipped with the advanced fuel saving technology that significantly enhances working speed, making it the best partner for our customers.

MAXIMUM CAPACITY BUCKET

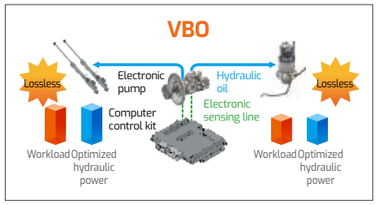
The DX220LC-7M can handle greater workloads due to the adoption of the bucket with a maximum capacity of 1.17 m^3.
A wide or narrow type can be selected depending on the working situation.

EXCELLENT WORK STABILITY

The DX220LC-7M ensures excellent stability in any working situation due to the longest and widest box-type chassis.

UPGRADED HYDRAULIC SYSTEM

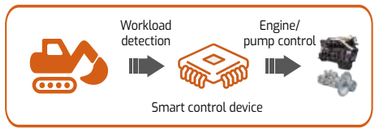
Productivity can be improved by reducing fuel loss as the DX220LC-7M is equipped with DEVELON's high-efficiency VBO hydraulic system which accurately calculates the pump flow rate necessary for each work-performing part.



ENHANCED SPC TECHNOLOGY

Work efficiency is improved and fuel loss is reduced thanks to the introduction of smart sensing equipment which automatically adjusts engine RPM, main pump torque.

SPC



OPTIMIZED OPERATION MODE

The operation mode can be selected according to workload, minimizing fuel consumption while optimizing performance.

Photos may include optional equipment

FOR COMFORT AND CONVENIENCE

THE HIGH-TECH COLOR LCD MONITOR SYSTEM INCREASES OPERATIONAL CONVENIENCE AS YOU CAN EASILY CHECK A MACHINE OPERATION INFORMATION.

IMPROVE OPERATOR VISIBILITY

The enlarged cab glass minimizes a visual obstruction

CHECK WARNING INFORMATION

You can check equipment warning information on the instrument panel.

OIL FILTER SYSTEM INFORMATION

You can check the usage time, replacement cycle, and remaining time of major parts with the instrument panel.You can also reset the usage time and change the parts replacement cycle.

1. A COOLING SYSTEM WITH LOW-NOISE DESIGN

The noise and vibration inside the cabin is reduced. Also, an air conditioning system leads to the comfort and convenience for operator.

2. BLUETOOTH RADIO

Entertainment and work convenience is enhanced as the operator can listen to music using Bluetooth radio and answer calls.

3. CENTRALIZED CONTROL SWITCHES

Operational efficiency and operator's convenience have been significantly improved by concentrating the power switches.

4. ENGINE EMERGENCY STOP SWITCH

For enhanced safety and to enable fast reactions in an emergency, DX220LC-7M equipped with an emergency stop switch that allows the interruption of certain body functions whilst allowing the vehicle to remain running.

5. CONVENIENT STORAGE SPACE AND POWER SUPPLY

A small storage box and 12V charging USB port have been added as standard features so the operator can store items safely and charge electronic devices such as mobile phone, etc. .
In addition, the cab features an quick and easy air-con switch for the operator's convenience.


1


2


4


3


5

RELIABILITY THROUGH FREQUENT TESTING

Reliability has been enhanced by introducing a developed design process and repeating stringent pre-tests.

1. MULTIPLE OIL FILTER

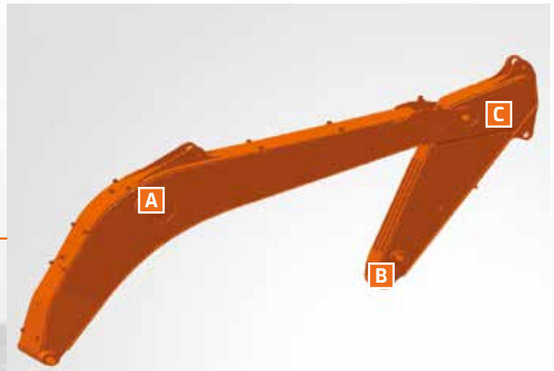
Engine reliability and capacity to use low-quality fuel have been increased by improving fuel filter performance using a 3-Stage oil filter system, while maintenance costs have been reduced by minimizing the possibility of malfunction.

2. WEAR-RESISTANT BUSHING

Adhesion resistance has been improved and the service life of parts has been extended by coating the bushing surface with lubricants to obtain the effect of lubrication and clean debris.

3. IMPROVED CYLINDER SEALING

Operators can work for the extended period of time as the improved durability of the cylinder in the front work equipment reduces maintenance costs. The sealing effect has been improved by applying a double lip oil seal to the cylinder's seal.



REINFORCED BOOM & ARM

The built-in boom reduces the number of boom-arm joint welding points and strengthens the structure by eliminating stress concentration. Also, the thickness of the plate of the core parts has been increased to improve boom-arm stability and durability, making the machine suitable for rough terrain.

A. ARM CENTER JOINT PART

B. ARM END JOINT PART

C. BOOM END

STRUCTURAL OPTIMIZATION

The manufacturing process has been improved by increasing the force-bearing area of the front joint point and plate thickness, while the equipment's service life has been significantly increased by improving the welding method with a one-piece casting method.

DEVELON FLEET MANAGEMENT
Telemactics Service (OPTIONAL)

TELECOMMUNICATIONS Data flow from machine to web

TELEMATICS TERMINAL

Terminal device is installed and connected to a machine to get machine data.

TELECOMMUNICATION

DEVELON provides Dual mode (Cellular, Satellite) communication to maximize communication coverage

Develon FM WEB

User can monitor machine status from DEVELON FM Web

TELEMATICS SERVICE BENEFITS Develon and dealer support customers to improve work efficiency with timely and responsive services

CUSTOMER
- Improve work efficiency
- Timely and preventive service
- Improve operator's skills by comparing work pattern
- Manage fleet more effectively

DEALER
- Better service for customers
- Provide better quality of service
- Maintain machine value
- Better understanding of market needs

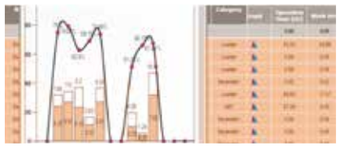
DEVELON
- Responsive to customer's voice
- Utilize quality-related field data
- Apply customer's usage profile to deveping new machine

FUNCTIONS(WEB/APP) Develon Telematics Service provides various functions to support your great performance

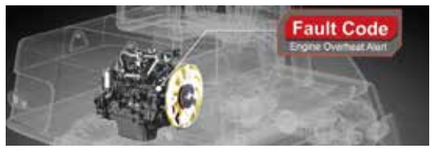
· GPS

· Fuel information

· Preventive maintanance



· Operation hours



· Fault code/warning

· ADT Productivity

· Reports

FUNCTION		EXCAVATOR	WHEEL LOADER	ADT
GPS	Location Geo-fence	All models	All models	All models
Operation hours	Daily, Weekly, Monthly report	All models	All models	All models
Operation hours	Total operation hours Operation hours by mode	All models	All models	All models
Maintenance parts	Preventive maintenance by item replacement cycle	All models	All models	All models
Fault code/ Warning	Fault code Machine Warnings on Gauge Panel	All models	All models	All models
Fuel information	Fuel level Fuel consumption	All models	All models	All models
Dump capacity	Dump tonnage Count of Work Cycle	N/A	N/A	All models

GLOBAL PARTS NETWORK

QUALITY-PROVEN MAIN COMPONENTS

DEVELON provides fast and precise worldwide delivery of genuine DEVELON parts through its global PDC (parts distribution center) network.

GLOBAL NETWORK

The global network of the GPDC (Global Parts Distribution Center) maximizes its fill rate by making sure that each center is stockpiled with all the critical parts required for businesses in its area. The network also minimizes the time and costs required for parts delivery by positioning PDCs close to major markets around the world. DEVELON PDCs communicate with customers in their time zone, informing them that they are open for operation, and deliver parts to them as early as possible.

THE GLOBAL PARTS DISTRIBUTION CENTER NETWORK

PDCs had been set up as shown below, including Mother PDC in Ansan, Korea. The nine other PDCs include one in China (Yantai), three in USA (Atlanta, Seattle and Miami), two in Europe (Germany and the UK), one in the Middle East (Duba)i and two in Asia (Singapore and Indonesia).

MPDC : Mother Parts Distribution Center

PDC : Parts Distribution Center

PDC BENEFIT

- Distribution Cost Reduction
- Maximum Parts Fill rate
- Shortest Distance/ Time Parts Delivery
- Real-time Service Support
- Minimum Downtime

MAINTENANCE

Convenient, quick, and cost-effective maintenance

UPPER ANTI-SLIP COVER

The black cover has a floral design, and the anti-slide area has been widened to increase the convenience of maintenance and achieve the best anti-slide effect.

EASY TO HANDLE ENGINE COVER

The existing one-piece cover design has been replaced with a separation type design to make machine maintenance easier and more convenient.

INCREASED MAINTENANCE PERIOD

Hydraulic oil : 4,000 hours
Coolant : 4,000 hours

TECHNICAL SPECIFICATIONS

MAIN SPECIFICATIONS

Engine	
Model	DL06
Type	Serial
Gas intake	Turbocharger
Number of cylinders	6
Bore Dia. & Stroke	Ø 100 x 125
Rated power	115 kW (157 PS) / 1,900 rpm

Swing system	
Driving system	Hydraulic
Decelerator	Planetary gear
Swing brake	Wet multi-disc brake
Swing speed	10.2 rpm

Driving system and brake	
Steering control	Integrated control with a pedal and control lever
Driving system	Hydraulic
Travel motor	Axial plunger motor
Travel speed (high/low)	5.5 / 3.0 km/h
Brake operation	Hydraulic brake
Parking brake	Wet multi-disc brake

Travel section	
Center frame	X-frame
Crawler frame	Box type, cross-section structure
Crawler shoes	49 blocks each side
Roller	2 blocks each side
Track roller	8 blocks each side

HYDRAULIC SYSTEM

Hydraulic motor	
Travel motor	Axial plunger type X2
Swing control brake	Wet multi-disc brake

Main pump	
Type	Variable flow rate piston
Maximum flow	2 x 212 ℓ / min

Safety valve setpoint	
Work equipment hydraulic circuit	350 kgf/cm^2 (34.3 Mpa)
Travel hydraulic circuit	350 kgf/cm^2 (34.3 Mpa)
Swing hydraulic circuit	270 kgf/cm^2 (26.5 Mpa)

Oil tank capacity	
Fuel tank	400 L
Hydraulic oil tank (full)	195 L

Cooling liquid/lubricant volume (replacement)			
Cooler	Engine	Travel reduction gear oil	Swing decelerator
26L	27L	2 X 3.3L	5L

OPERATING WEIGHT

(Operator, lubricant, cooling liquid, fuel tank (full), and standard installation)	
Boom	5,700 mm
Arm	2,900 mm
Bucket	SAE 1.05 m^3
Crawler shoes	600 mm
Operating weight	21.9 ton
Ground pressure	43.9 kpa

Cylinder	
Boom	2-120 mm X 85 mm X 1,263 mm
Arm	1-135 mm X 95 mm X 1,433 mm
Bucket	1-120 mm X 80 mm X 1,060 mm

Maximum digging force (ISO)	
Bucket	15.2 ton (149 kN) 14.5 ton (149.6 kN)
Arm	10.8 ton (105 kN) 10 ton (98 kN)

STANDARD & OPTION LIST

SWING BODY

- 3.9/4.1 ton Counterweight
- One Way with Electric Pedal
- Two Way with Pedal
- Main Pump with PTO Function
- Rear View Camera
- Alarm for all
- Water Separator for Bio Diesel
- Fuel Filler Pump
- DEVELON Fleet Management

UNDERCARRIAGE

- 600mm Shoe(STD) / 800mm Shoe(Option)

FRONT ATTACHMENTS

- 5.7m Boom : HD
- Mono Boom Cylinder
- 2.9m Arm : HD
- 0.92m^3 H CLASS BUCKET
- 0.92m^3 H CLASS BUCKET_Flat
- 1.05m^3 H CLASS BUCKET
- 1.08m^3 H CLASS BUCKET
- 1.17m^3 H CLASS BUCKET_Flat
- Only Dummy Link No Bucket

CABIN SUB GROUP

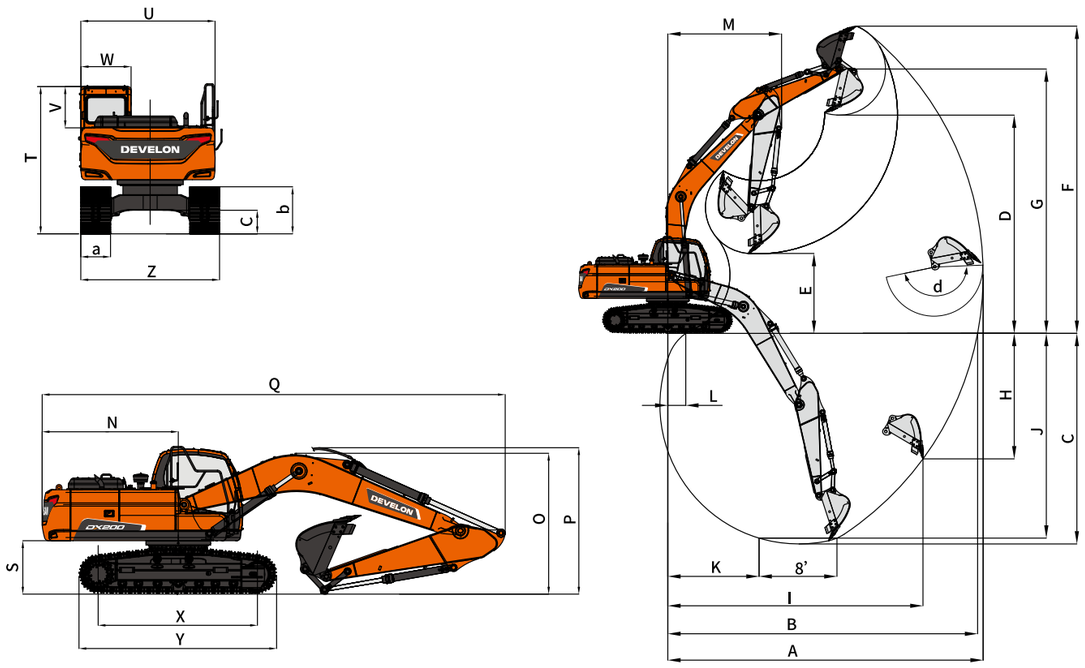
- Lower Guard Only
- Rotating Beacon
- 2 Additional Working Lamp(LED)

TOOLS & SPARE & SUBSIDIARY PARTS

- Tropical Weather(VG68)

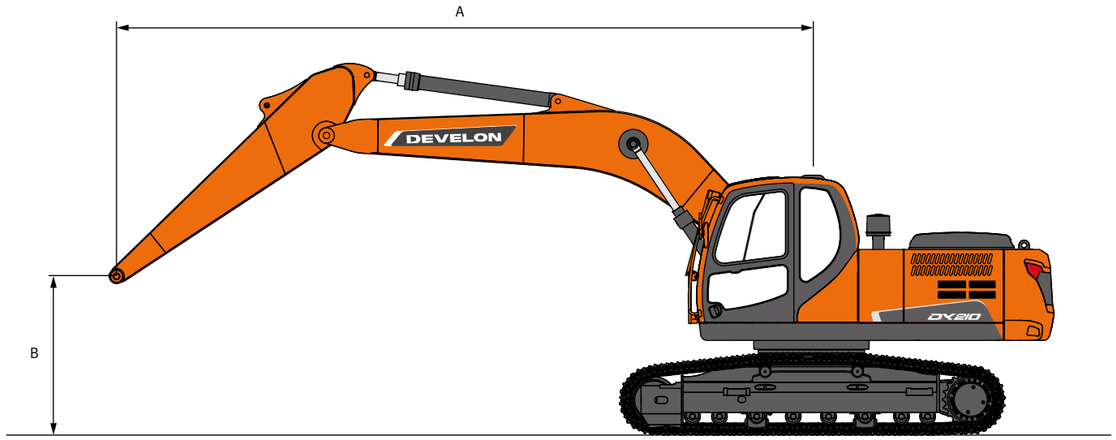
WORKING RANGES

TECHNICAL SPECIFICATIONS



			DX220LC-7M				
Tail swing radius	(mm)	N	2,794	Minimum ground clearance	(mm)	c	475
Transportation height (to top of boom)	(mm)	O	2,951	Max. digging reach	(mm)	A	9,873
Transportation height (to top of hose)	(mm)	P	3,065	Max. digging reach at ground level	(mm)	B	9,699
Transport length	(mm)	Q	9,506	Max. digging depth	(mm)	C	6,592
Transport width	(mm)	R	2,990	Max. loading height	(mm)	D	6,830
Ground clearance of counterweight	(mm)	S	1,096	Min. loading height	(mm)	E	2,501
Total height (to top of cab)	(mm)	T	2,985	Max. digging height	(mm)	F	9,616
Turntable width	(mm)	U	2,709	Max. height of the bucket pivot	(mm)	G	8,274
Cab height (above the turntable)	(mm)	V	832	Max. vertical wall depth	(mm)	H	3,929
Overall cab width	(mm)	W	1,008	Max. vertical radius	(mm)	I	7,988
Central distance between idler and sprocket	(mm)	X	3,635	Max. digging depth on 8 feet flat ground	(mm)	J	6,411
Crawler length	(mm)	Y	4,440	Min. digging depth on 8 feet flat ground	(mm)	K	2,858
Total width	(mm)	Z	2,990	Min. digging reach	(mm)	L	562
Crawler width	(mm)	a	600	Min. swing radius	(mm)	M	3,560
Crawler height	(mm)	b	950	Bucket reach angle	(°)	d	177

LIFTING CAPACITY



STANDARD

Metric

Boom : 5,700 mm (18' 7") Arm : 2,900 mm (9' 5") Shoe : 600 mm (2' 0") Counter Weight : 3,900 kg (8,598 lb) STD track Unit : 1,000kg

B(m) \ A(m)	2		3		4		5	
8								
7								
6								
5								
4							5.27 *	5.27 *
3			10.63 *	10.63 *	7.58 *	7.58 *	6.09 *	5.94 *
2			8.52 *	8.52 *	8.95 *	7.92	6.91 *	5.61
1			7.26 *	7.26 *	9.93 *	7.49	7.57 *	5.34
0	4.93 *	4.93 *	8.27 *	8.27 *	10.41 *	7.25	800 *	5.15
-1	7.18 *	7.18 *	10.09 *	10.09 *	10.46 *	7.14	8.16 *	5.04
-2	9.40 *	9.40 *	12.46 *	11.81	10.16 *	7.13	8.03 *	5.01
-3	11.87 *	11.87 *	12.22 *	11.96	9.49 *	7.2	7.59 *	5.04
-4	14.12 *	14.12 *	10.63 *	10.63 *	8.39 *	7.34	6.73 *	5.14
-5			8.29 *	8.29 *	6.61 *	6.61 *	5.14 *	5.14 *

Metric

Boom : 5,700 mm (18' 7") Arm : 2,900 mm (9' 5") Shoe : 600 mm (2' 0") Counter Weight : 3,900 kg (8,598 lb) STD track Unit : 1,000kg

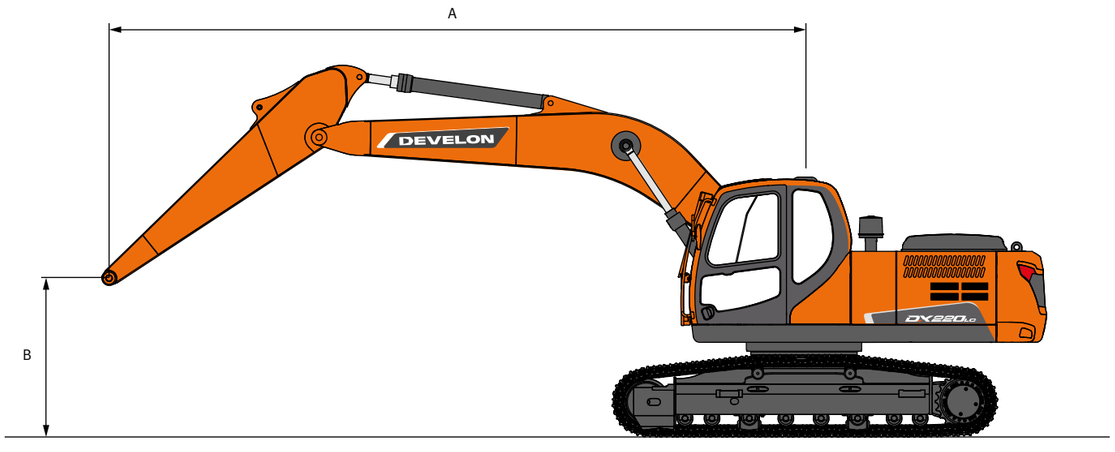
B(m) \ A(m)	6		7		8		MAX. REACH		
8							3.02 *	3.02 *	@ 5.95
7							2.84 *	2.84 *	@ 6.84
6	4.02 *	4.02 *	3.86 *	3.7			2.77 *	2.77 *	@ 7.51
5	4.30 *	4.30 *	4.10 *	3.64			2.77 *	2.77 *	@ 7.98
4	4.71 *	4.62	4.35 *	3.54	3.81 *	2.76	2.82 *	2.56	@ 8.32
3	5.22 *	4.42	4.66 *	3.41	4.28 *	2.69	2.94 *	2.39	@ 8.51
2	5.73 *	4.22	4.98 *	3.29	4.36	2.61	3.12 *	2.29	@ 8.59
1	6.17 *	4.04	5.27 *	3.17	4.28	2.54	3.38 *	2.26	@ 8.55
0	6.49 *	3.91	5.22	3.08	4.22	2.49	3.75 *	2.3	@ 8.39
-1	6.57	3.82	5.15	3.02	4.19	2.46	4.11	2.41	@ 8.10
-2	6.53	3.79	5.13	3			4.47	2.62	@ 7.67
-3	6.17 *	3.81	4.99 *	3.04			4.89 *	2.99	@ 7.08
-4	5.35 *	3.91					4.99 *	3.67	@ 6.27
-5							4.93 *	4.93 *	@ 5.12

1. LIFT CAPACITIES ARE IN COMPLIANCE WIHT ISO 10567. 2. LOAD POINT IS THE END OF THE ARM.
3. CAPACITIES MARKED WITH AN ASTERISK (*) ARE LIMITED BY HYDRAULIC CAPACITIES.
4. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUN TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.

: Rating Over Front
: Rating Over Side or 360 Degree

LIFTING CAPACITY

DX220LC-7M



STANDARD

Metric

Boom : 5,700 mm (18' 7") Arm : 2,900 mm (9' 5") Shoe : 600 mm (2' 0") Counter Weight : 4,100 kg (9,038 lb) LC track

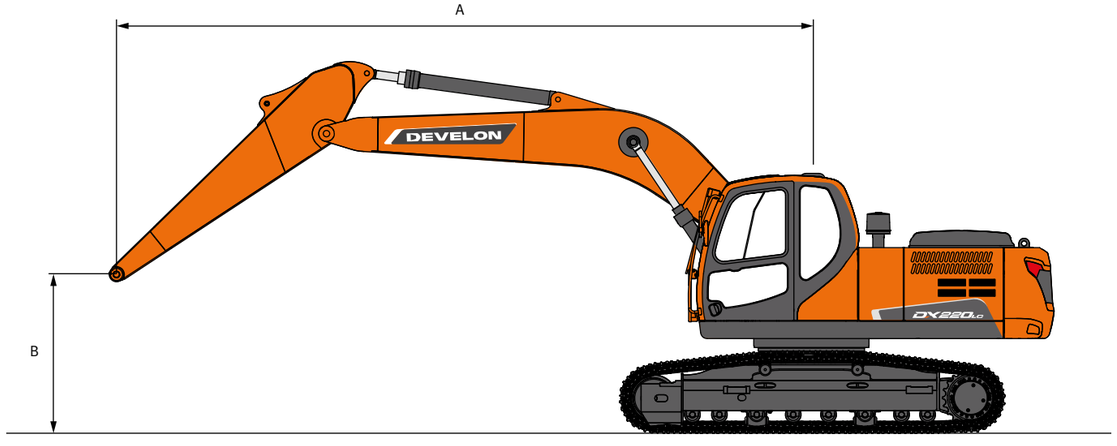
Unit : 1,000kg

B(m) \ A(m)	1.5		2		2.5		3		3.5		4		4.5		5		5.5	
8																		
7.5																		
7																		
6.5																		
6																		
5.5																	5.05 *	5.05 *
5																	5.26 *	5.26 *
4.5															5.80 *	5.80 *	5.52 *	5.52 *
4									8.17 *	8.17 *	7.30 *	7.30 *	6.67 *	6.67 *	6.19 *	6.19 *	5.82 *	5.61
3.5							11.04 *	11.04 *	9.22 *	9.22 *	8.04 *	8.04 *	7.21 *	7.21 *	6.60 *	6.35	6.13 *	5.5
3									10.28 *	10.28 *	8.79 *	8.67	7.77 *	7.26	7.02 *	6.2	6.46 *	5.38
2.5									11.26 *	10.25	9.51 *	8.39	8.31 *	7.06	7.44 *	6.05	6.79 *	5.26
2									8.54 *	8.54 *	10.13 *	8.16	8.80 *	6.88	7.83 *	5.91	7.10 *	5.16
1.5									7.40 *	7.40 *	10.62 *	7.96	9.21 *	6.72	8.17 *	5.79	7.37 *	5.06
1									7.28 *	7.28 *	10.97 *	7.82	9.53 *	6.6	8.45 *	5.68	7.61 *	4.97
0.5									7.74 *	7.74 *	11.19 *	7.72	9.76 *	6.5	8.66 *	5.6	7.80 *	4.9
0							5.71 *	5.71 *	8.56 *	8.56 *	11.28 *	7.66	9.90 *	6.44	8.80 *	5.54	7.93 *	4.85
-0.5					5.11 *	5.11 *	6.97 *	6.97 *	9.66 *	9.41	11.28 *	7.62	9.95 *	6.39	8.88 *	5.49	7.92	4.8
-1			5.40 *	5.40 *	6.58 *	6.58 *	8.34 *	8.34 *	10.99 *	9.42	11.19 *	7.61	9.92 *	6.37	8.87 *	5.47	7.89	4.78
-1.5	6.23 *	6.23 *	6.90 *	6.90 *	8.05 *	8.05 *	9.84 *	9.84 *	12.45 *	9.44	11.01 *	7.61	9.80 *	6.36	8.80 *	5.46	7.88	4.77
-2	7.64 *	7.64 *	8.38 *	8.38 *	9.61 *	9.61 *	11.51 *	11.51 *	12.10 *	9.47	10.75 *	7.63	9.61 *	6.37	8.65 *	5.46	7.83 *	4.77
-2.5	9.07 *	9.07 *	9.93 *	9.93 *	11.30 *	11.30 *	13.14 *	12.5	11.65 *	9.52	10.39 *	7.67	9.33 *	6.4	8.41 *	5.48	7.62 *	4.78
-3	10.60 *	10.60 *	11.62 *	11.62 *	13.21 *	13.21 *	12.46 *	12.46 *	11.10 *	9.59	9.94 *	7.72	8.94 *	6.44	8.08 *	5.51	7.32 *	4.81
-3.5	12.28 *	12.28 *	13.53 *	13.53 *	13.13 *	13.13 *	11.65 *	11.65 *	10.42 *	9.68	9.36 *	7.79	8.44 *	6.5	7.62 *	5.56	6.88 *	4.86
-4			13.57 *	13.57 *	11.95 *	11.95 *	10.66 *	10.66 *	9.57 *	9.57 *	8.63 *	7.88	7.78 *	6.57	7.00 *	5.63	6.25 *	4.93
-4.5					10.51 *	10.51 *	9.45 *	9.45 *	8.52 *	8.52 *	7.68 *	7.68 *	6.89 *	6.68	6.11 *	5.74	5.25 *	5.05
-5									7.16 *	7.16 *	6.41 *	6.41 *	5.63 *	5.63 *				

1. LOAD POINT IS THE END OF THE ARM.
2. CAPACITIES MARKED WITH AN ASTERISK (*) ARE LIMITED BY HYDRAULIC CAPACITIES.
3. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUN TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.
4. THE LEAST STABLE POSITION IS OVER THE SIDE.
5. LIFT CAPACITIES APPLY ONLY TO THE MACHINE AS ORIGINALLY MANUFACTURED AND NORMALLY EQUIPPED BY THE MANUFACTURER.
6. LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.

: Rating Over Front

: Rating Over Side or 360 Degree



Metric

Boom : 5,700 mm (18' 7") Arm : 2,900 mm (9' 5") Shoe : 600 mm (2' 0") Counter Weight : 4,100 kg (9,038 lb) LC track

Unit : 1,000kg

B(m) \ A(m)	6		6.5		7		7.5		8		Max. Reach		
8											4.24 *	4.24 *	5.70
7.5	4.66 *	4.66 *									4.06 *	4.06 *	6.20
7	4.79 *	4.79 *	4.38 *	4.38 *							3.93 *	3.93 *	6.63
6.5	4.78 *	4.78 *	4.79 *	4.52							3.84 *	3.84 *	6.99
6	4.83 *	4.83 *	4.80 *	4.51	4.80 *	3.97					3.77 *	3.66	7.31
5.5	4.94 *	4.94 *	4.86 *	4.48	4.81 *	3.95	4.07 *	3.5			3.74 *	3.43	7.57
5	5.10 *	5.05	4.97 *	4.44	4.88 *	3.93	4.83 *	3.49			3.72 *	3.25	7.80
4.5	5.30 *	4.98	5.12 *	4.39	4.98 *	3.89	4.88 *	3.47			3.72 *	3.1	7.99
4	5.52 *	4.9	5.29 *	4.32	5.10 *	3.84	4.96 *	3.44	4.44 *	3.08	3.73 *	2.98	8.14
3.5	5.77 *	4.81	5.48 *	4.26	5.25 *	3.79	5.06 *	3.4	4.76	3.05	3.77 *	2.89	8.26
3	6.03 *	4.72	5.68 *	4.19	5.40 *	3.74	5.18 *	3.36	4.73	3.03	3.82 *	2.82	8.35
2.5	6.28 *	4.63	5.88 *	4.12	5.56 *	3.68	5.19	3.32	4.7	3	3.88 *	2.77	8.40
2	6.53 *	4.55	6.08 *	4.05	5.71 *	3.63	5.15	3.27	4.66	2.97	3.97 *	2.73	8.43
1.5	6.75 *	4.47	6.26 *	3.99	5.67	3.58	5.11	3.24	4.63	2.94	4.07 *	2.72	8.42
1	6.95 *	4.4	6.28	3.93	5.62	3.54	5.07	3.2	4.6	2.91	4.20 *	2.71	8.39
0.5	7.03	4.34	6.23	3.88	5.57	3.5	5.03	3.17	4.58	2.89	4.33	2.73	8.32
0	6.97	4.29	6.18	3.84	5.54	3.46	5.01	3.15	4.56	2.87	4.39	2.77	8.22
-0.5	6.93	4.26	6.15	3.81	5.51	3.44	4.99	3.13	4.55	2.86	4.48	2.82	8.09
-1	6.9	4.23	6.13	3.79	5.5	3.43	4.98	3.12			4.61	2.9	7.93
-1.5	6.89	4.22	6.12	3.78	5.49	3.42	4.98	3.12			4.78	3	7.73
-2	6.89	4.22	6.12	3.79	5.5	3.43					5.01	3.15	7.49
-2.5	6.91	4.24	6.14	3.8	5.53	3.45					5.31	3.33	7.21
-3	6.62 *	4.27	5.96 *	3.84							5.42 *	3.57	6.88
-3.5	6.17 *	4.32									5.41 *	3.91	6.49
-4	5.44 *	4.4									5.37 *	4.37	6.04
-4.5											5.25 *	5.04	5.50
-5											4.99 *	4.99 *	4.85

1. LOAD POINT IS THE END OF THE ARM.
2. CAPACITIES MARKED WITH AN ASTERISK (*) ARE LIMITED BY HYDRAULIC CAPACITIES.
3. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUN TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.
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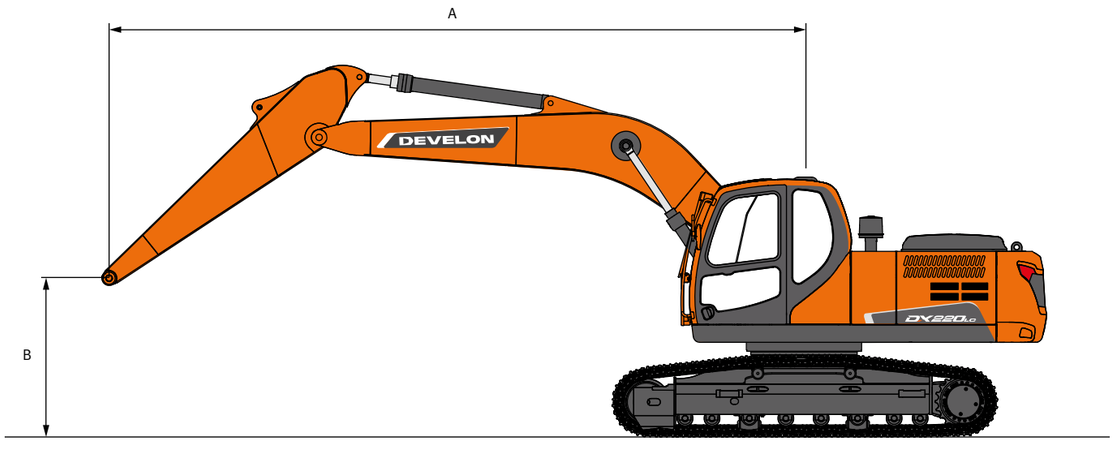
: Rating Over Front

: Rating Over Side or 360 Degree

LIFTING CAPACITY

DX220LC-7M



OPTION

Metric

Boom : 5,700 mm (18' 7") Arm : 2,900 mm (9' 5") Shoe : 800 mm (2' 6") Counter Weight : 4,100 kg (9,038 lb) LC track

Unit : 1,000kg

B(m) \ A(m)	1.5		2		2.5		3		3.5		4		4.5		5		5.5	
8																		
7.5																		
7																		
6.5																		
6																		
5.5																	5.05 *	5.05 *
5																	5.26 *	5.26 *
4.5															5.80 *	5.80 *	5.52 *	5.52 *
4									8.17 *	8.17 *	7.30 *	7.30 *	6.67 *	6.67 *	6.19 *	6.19 *	5.82 *	5.76
3.5							11.04 *	11.04 *	9.22 *	9.22 *	8.04 *	8.04 *	7.21 *	7.21 *	6.60 *	6.52	6.13 *	5.64
3									10.28 *	10.28 *	8.79 *	8.79 *	7.77 *	7.45	7.02 *	6.37	6.46 *	5.53
2.5									11.26 *	10.53	9.51 *	8.62	8.31 *	7.25	7.44 *	6.22	6.79 *	5.41
2									8.54 *	8.54 *	10.13 *	8.38	8.80 *	7.07	7.83 *	6.08	7.10 *	5.3
1.5									7.40 *	7.40 *	10.62 *	8.19	9.21 *	6.91	8.17 *	5.95	7.37 *	5.2
1									7.28 *	7.28 *	10.97 *	8.05	9.53 *	6.79	8.45 *	5.85	7.61 *	5.12
0.5									7.74 *	7.74 *	11.19 *	7.95	9.76 *	6.7	8.66 *	5.77	7.80 *	5.05
0							5.71 *	5.71 *	8.56 *	8.56 *	11.28 *	7.88	9.90 *	6.63	8.80 *	5.7	7.93 *	4.99
-0.5					5.11 *	5.11 *	6.97 *	6.97 *	9.66 *	9.66 *	11.28 *	7.85	9.95 *	6.58	8.88 *	5.66	8.00 *	4.95
-1			5.40 *	5.40 *	6.58 *	6.58 *	8.34 *	8.34 *	10.99 *	9.69	11.19 *	7.83	9.92 *	6.56	8.87 *	5.63	8.01 *	4.92
-1.5	6.23 *	6.23 *	6.90 *	6.90 *	8.05 *	8.05 *	9.84 *	9.84 *	12.45 *	9.71	11.01 *	7.84	9.80 *	6.55	8.80 *	5.62	7.96 *	4.91
-2	7.64 *	7.64 *	8.38 *	8.38 *	9.61 *	9.61 *	11.51 *	11.51 *	12.10 *	9.75	10.75 *	7.86	9.61 *	6.56	8.65 *	5.63	7.83 *	4.91
-2.5	9.07 *	9.07 *	9.93 *	9.93 *	11.30 *	11.30 *	13.14 *	12.85	11.65 *	9.8	10.39 *	7.89	9.33 *	6.59	8.41 *	5.64	7.62 *	4.93
-3	10.60 *	10.60 *	11.62 *	11.62 *	13.21 *	13.21 *	12.46 *	12.46 *	11.10 *	9.87	9.94 *	7.94	8.94 *	6.63	8.08 *	5.68	7.32 *	4.96
-3.5	12.28 *	12.28 *	13.53 *	13.53 *	13.13 *	13.13 *	11.65 *	11.65 *	10.42 *	9.96	9.36 *	8.01	8.44 *	6.69	7.62 *	5.73	6.88 *	5.01
-4			13.57 *	13.57 *	11.95 *	11.95 *	10.66 *	10.66 *	9.57 *	9.57 *	8.63 *	8.11	7.78 *	6.77	7.00 *	5.8	6.25 *	5.08
-4.5					10.51 *	10.51 *	9.45 *	9.45 *	8.52 *	8.52 *	7.68 *	7.68 *	6.89 *	6.87	6.11 *	5.9	5.25 *	5.19
-5									7.16 *	7.16 *	6.41 *	6.41 *	5.63 *	5.63 *				

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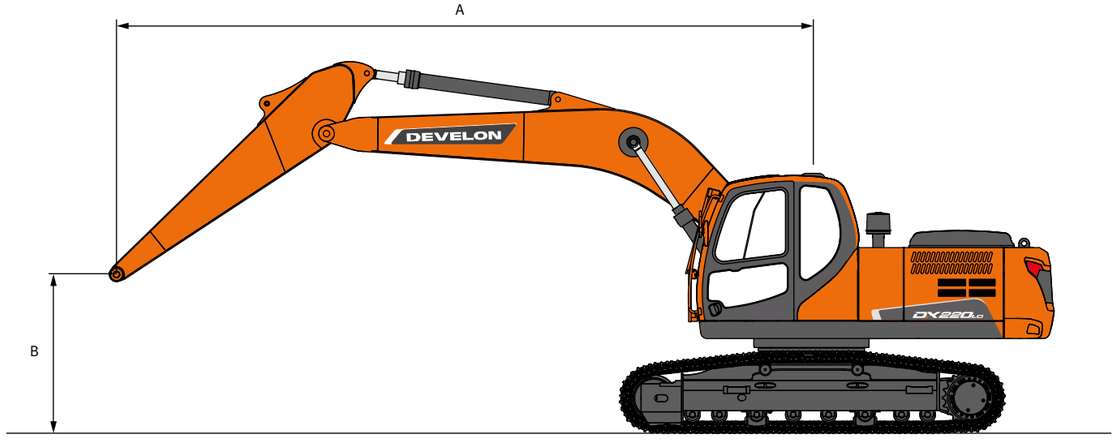

Metric

Boom : 5,700 mm (18' 7") Arm : 2,900 mm (9' 5") Shoe : 800 mm (2' 6") Counter Weight : 4,100 kg (9,038 lb) LC track

Unit : 1,000kg

B(m) \ A(m)	6		6.5		7		7.5		8		Max. Reach		
8											4.24 *	4.24 *	5.70
7.5	4.66 *	4.66 *									4.06 *	4.06 *	6.20
7	4.79 *	4.79 *	4.38 *	4.38 *							3.93 *	3.93 *	6.63
6.5	4.78 *	4.78 *	4.79 *	4.64							3.84 *	3.84 *	6.99
6	4.83 *	4.83 *	4.80 *	4.63	4.80 *	4.07					3.77 *	3.77	7.31
5.5	4.94 *	4.94 *	4.86 *	4.6	4.81 *	4.06	4.07 *	3.6			3.74 *	3.53	7.57
5	5.10 *	5.10 *	4.97 *	4.56	4.88 *	4.03	4.83 *	3.59			3.72 *	3.34	7.80
4.5	5.30 *	5.11	5.12 *	4.5	4.98 *	4	4.88 *	3.57			3.72 *	3.19	7.99
4	5.52 *	5.03	5.29 *	4.44	5.10 *	3.95	4.96 *	3.53	4.44 *	3.17	3.73 *	3.07	8.14
3.5	5.77 *	4.94	5.48 *	4.38	5.25 *	3.9	5.06 *	3.5	4.91	3.15	3.77 *	2.98	8.26
3	6.03 *	4.85	5.68 *	4.31	5.40 *	3.85	5.18 *	3.46	4.88	3.12	3.82 *	2.91	8.35
2.5	6.28 *	4.77	5.88 *	4.24	5.56 *	3.79	5.30 *	3.42	4.84	3.09	3.88 *	2.85	8.40
2	6.53 *	4.68	6.08 *	4.17	5.71 *	3.74	5.31	3.37	4.81	3.06	3.97 *	2.82	8.43
1.5	6.75 *	4.6	6.26 *	4.1	5.84	3.69	5.27	3.33	4.78	3.03	4.07 *	2.8	8.42
1	6.95 *	4.53	6.41 *	4.05	5.79	3.64	5.23	3.3	4.75	3	4.20 *	2.8	8.39
0.5	7.11 *	4.47	6.42	4	5.75	3.6	5.19	3.27	4.73	2.98	4.36 *	2.82	8.32
0	7.19	4.42	6.38	3.96	5.72	3.57	5.17	3.24	4.71	2.97	4.53	2.86	8.22
-0.5	7.15	4.39	6.34	3.93	5.69	3.55	5.15	3.23	4.7	2.96	4.63	2.91	8.09
-1	7.12	4.36	6.32	3.91	5.67	3.53	5.14	3.22			4.76	2.99	7.93
-1.5	7.11	4.35	6.31	3.9	5.67	3.53	5.14	3.22			4.94	3.1	7.73
-2	7.11	4.35	6.31	3.9	5.68	3.54					5.18	3.25	7.49
-2.5	6.93 *	4.37	6.30 *	3.92	5.68 *	3.56					5.40 *	3.43	7.21
-3	6.62 *	4.4	5.96 *	3.95							5.42 *	3.68	6.88
-3.5	6.17 *	4.45									5.41 *	4.03	6.49
-4	5.44 *	4.53									5.37 *	4.5	6.04
-4.5											5.25 *	5.19	5.50
-5											4.99 *	4.99 *	4.85

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