

DEVELON

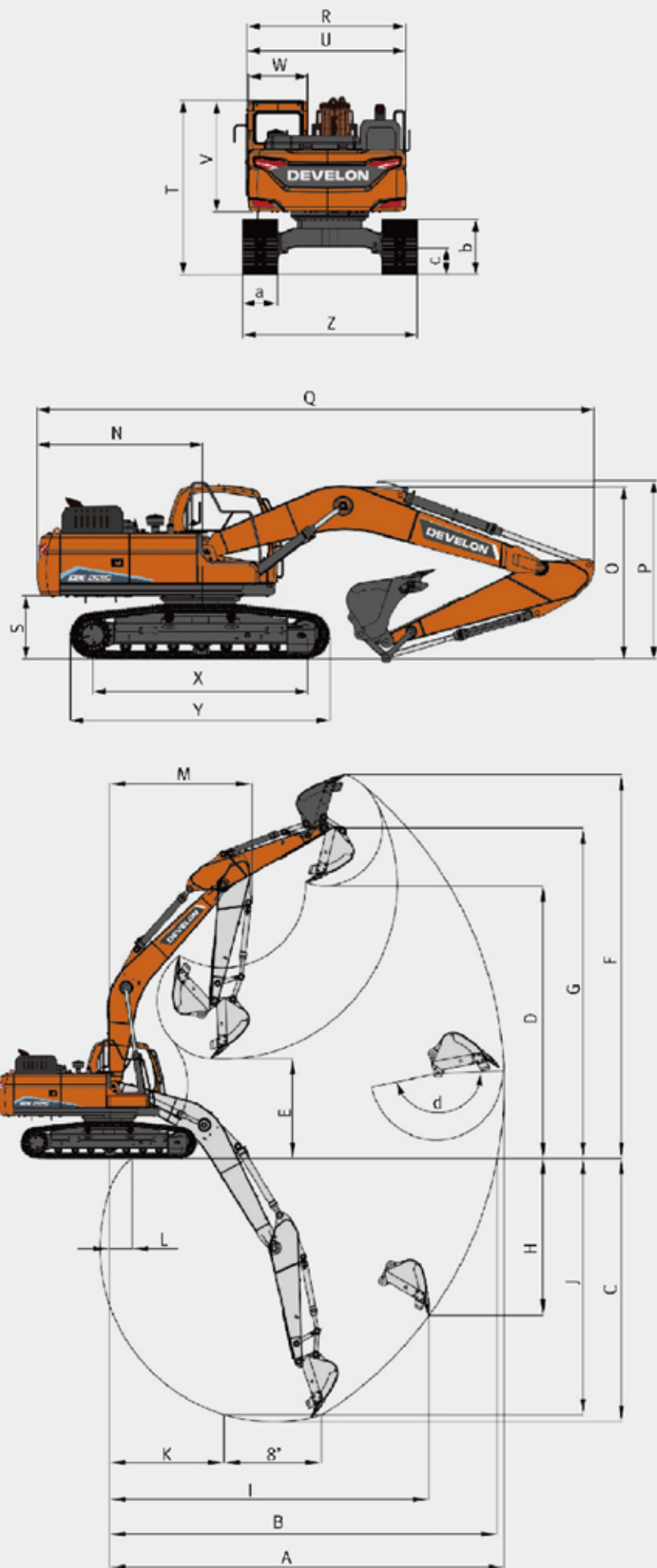
DX225 DX225 LC

Bucket:1.05m³ | Rated power:127.9kW/1,800rpm | Operating weight:21,300kg

Bucket:1.2m³ | Rated power:129.4kW/1,900rpm | Operating weight:22,500kg



Model			DX225	DX225LC
External dimensions				
Transportation height (up to the top of the boom)	O	(mm)	2,890	2,890
Transportation height (up to the top of the hose)	P	(mm)	3,005	3,005
Transportation length	Q	(mm)	9,571	9,571
Transportation width	R	(mm)	2,990	2,990
Ground clearance of counterweight	S	(mm)	1,096	1,096
Total height (up to the top of the cab)	T	(mm)	2,985	2,985
Turntable width	U	(mm)	2,709	2,709
Cabin height (above turntable)	V	(mm)	1,889	1,889
Full width of the cab	W	(mm)	1,010	1,010
Center distance between guide wheel and drive wheel	X	(mm)	3,270	3,650
Track length	Y	(mm)	4,058	4,446
Overall width	Z	(mm)	2,990	2,990
Track width	a	(mm)	600	600
Track height	b	(mm)	950	950
Minimum ground clearance	c	(mm)	475	475
Scope of work				
Maximum excavation distance	A	(mm)	9,873	9,873
Maximum excavation distance on the ground	B	(mm)	9,699	9,699
Maximum excavation depth	C	(mm)	6,592	6,592
Maximum loading height	D	(mm)	6,830	6,830
Minimum loading height	E	(mm)	2,501	2,501
Maximum excavation height	F	(mm)	9,616	9,616
Maximum height of bucket pin shaft	G	(mm)	8,274	8,274
Maximum vertical arm excavation depth	H	(mm)	3,929	3,929
Maximum vertical radius	I	(mm)	7,988	7,988
Maximum excavation depth on 8-foot flat ground	J	(mm)	6,411	6,411
Minimum excavation radius on 8-foot flat ground	K	(mm)	2,858	2,858
Minimum excavation distance	L	(mm)	562	562
Minimum turning radius	M	(mm)	3,560	3,560
Bucket extension angle	d	(°)	178	178
Tail turning radius	N	(mm)	2,855	2,855



Main specifications

Engine	
Model	Develon DL06
Inhale	Turbo
Number of cylinders	6
Cylinder diameter	100mm
Piston stroke	125mm
Rated power (DX225)	127.9kW/1,800rpm
Rated power (DX225LC)	129.4kW/1,900rpm
Hydro-cylinder	
Boom	120×85×1,263mm
Stick	135×95×1,443mm
Bucket	120×80×1,060mm
Drive device and brake	
Steering control	Integrated control of foot pedal and operating lever
Drive mode	Hydraulic Drive
Walking motor	Axial piston hydraulic motor
Walking speed (high/low)	5.2/2.8km/hr
Operating the brake	Hydraulic brake
Working weight (operator, lubricant, coolant, filled fuel tank, and standard configuration)	
Bucket (DX225)	1.05m ³
Working weight (DX225)	21.3ton
Bucket (DX225LC)	1.2m ³
Working weight (DX225LC)	22.5ton
Boom	5,700mm HD
Stick	2,900mm HD

Hydraulic system		
Type	Electric Control	
Maximum flow	2×210.6L/min	
Slewing		
Drive mode	Hydraulic Drive	
Deceleration mechanism	Planetary gear reduction	
Rotary operation brake	Wet multi disc brake	
Rotation speed	10.4rpm	
Safety valve setting value		
Hydraulic circuit of working device	350/370kg/cm²	
Walking hydraulic circuit	350kg/cm²	
Rotary hydraulic circuit	280kg/cm²	
Fuel tank capacity		
Fuel tank	400L	
Hydraulic oil tank	196L	
Urea tank capacity	45L	
Coolant/lubricant capacity (replacement)		
Radiator	30L	
Engine	29L	
Walking deceleration gear oil	2×3.3L	
Rotary reducer	5L	
Maximum digging force (ISO)	DX225	DX225LC
Bucket	15.3ton	14.5ton
Bucket (when power is applied)	16.1ton	15.4ton
Stick	9.9ton	9.9ton
Stick (when power is applied)	10.5ton	10.5ton