

DEVELON

DX1000 HD

Bucket:5.4-7.2m³ | Rated power:469kW/2,000rpm | Operating weight:97,900kg



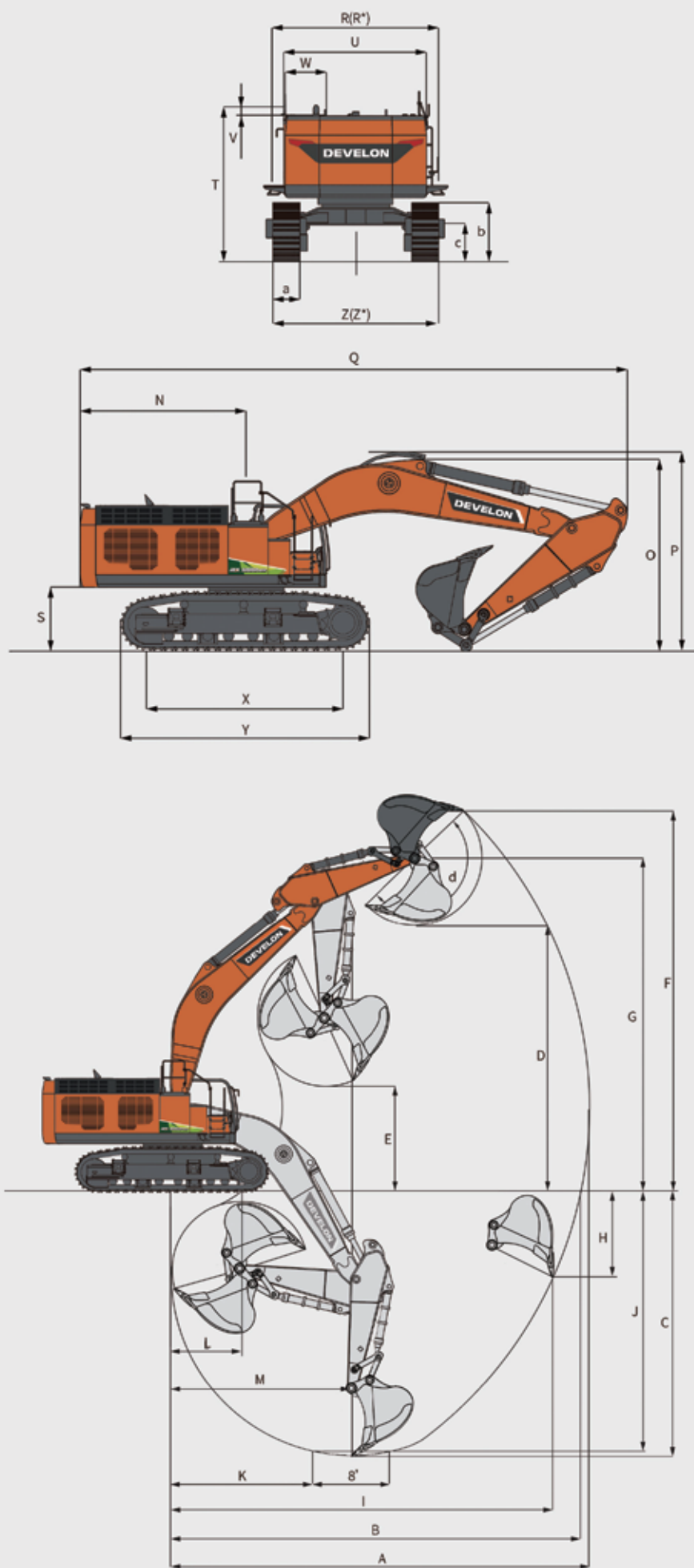
Technical Parameter

Model

DX1000HD

External dimensions			
Moving arm		(mm)	7,250
Forearm		(mm)	2,900
Bucket capacity		(m ³)	5.4~7.2
Tail turning radius	N	(mm)	4,565
Transportation height (boom)	O	(mm)	5,090
Transport height (hose)	P	(mm)	5,150
Transportation length	Q	(mm)	13,800
Transportation width (standard)	R	(mm)	3,732
Transportation width (narrow)	R*	(mm)	-
Minimum ground clearance of counterweight	S	(mm)	1,615
Total height (cab)	T	(mm)	3,615
Upper body width	U	(mm)	3,410
Driving obstruction width	W	(mm)	1,010
Center distance between guide wheel and drive wheel	X	(mm)	5,100
Track length	Y	(mm)	6,341
Lower body width (standard)	Z	(mm)	3,440/4,200*
Width of the lower reed body (narrow)	Z*	(mm)	-
track width	a	(mm)	650
Track height**	b	(mm)	1,350
Minimum ground clearance	c	(mm)	860
Scope of work			
Maximum excavation range	A	(mm)	12,430
Maximum excavation range (ground)	B	(mm)	12,110
Maximum excavation depth	C	(mm)	7,260
Maximum unloading height	D	(mm)	8,100
Minimum unloading height	E	(mm)	3,910
Maximum excavation height	F	(mm)	12,425
Maximum bucket pin height	G	(mm)	10,515
Maximum Vertical Excavation Deep Kang	H	(mm)	2,965
Maximum vertical excavation distance	I	(mm)	10,995
Maximum excavation depth of 8 feet	J	(mm)	7,110
Minimum excavation distance of 8 feet	K	(mm)	4,410
Minimum excavation distance	L	(mm)	1,970
Minimum turning radius	M	(mm)	5,345
Bucket rotation angle	d	(°)	145.3

[Note] *: Shrink/Expand **: Without track shoes and spikes



Technical Parameter

Engine	
Model	Perkins 2806J
Emission	国四
Rated power	469kW/2,000rpm
Post processing method	DPF + SCR
Hydro-cylinder	
Moving arm	2-215×150×1,910mm
Stick	1-240×170×2,020mm
Bucket	1-225×160×1,530mm
Walking device	
Driving speed (high/low)	4.5/2.8km/hr
Maximum traction force	78.7/47.9ton
Gradient	35°
Filling capacity	
Fuel tank	1,100L
Engine oil	65L
Cooling system (water tank)	100L
Walking device	2×15L
Rotating device	2×8L
Hydraulic oil tank	880L
Maximum digging force (ISO)	
Rod length	2,900mm
Bucket capacity	5.4~7.2m ³
Rod digging grip strength/ton	[SAE]40.3,[ISO]40.8
Bucket grip strength/ton	[SAE]44.8,[ISO]48.2
Track (three toothed track plate)	
Track shoe width	(标配)650mm
Operating weight	97.9ton
Ground voltage ratio	1.37(kg/cm ²)

Main pump	
Type	Series connection, axial piston
Maximum flow rate	3×523L/min
Pilot pump	
Type	Gear pump
Maximum flow rate	60L/min
Working pressure	
Hydraulic circuit of working device	377kg/cm ² (37Mpa)
Walking hydraulic circuit	375kg/cm ² (36.8Mpa)
Rotary hydraulic circuit	300kg/cm ² (29.4Mpa)
Chassis	
Upper supporting wheel	2×3个
Lower supporting wheel	2×9个
Track shoes	2×51个
Total length of track	6,341mm
Rotary system	
Maximum rotational speed	6.1rpm
Maximum rotational torque	31,850kgf.m (312 kN.m)