

# DEVELON

## DX680<sub>HD</sub>

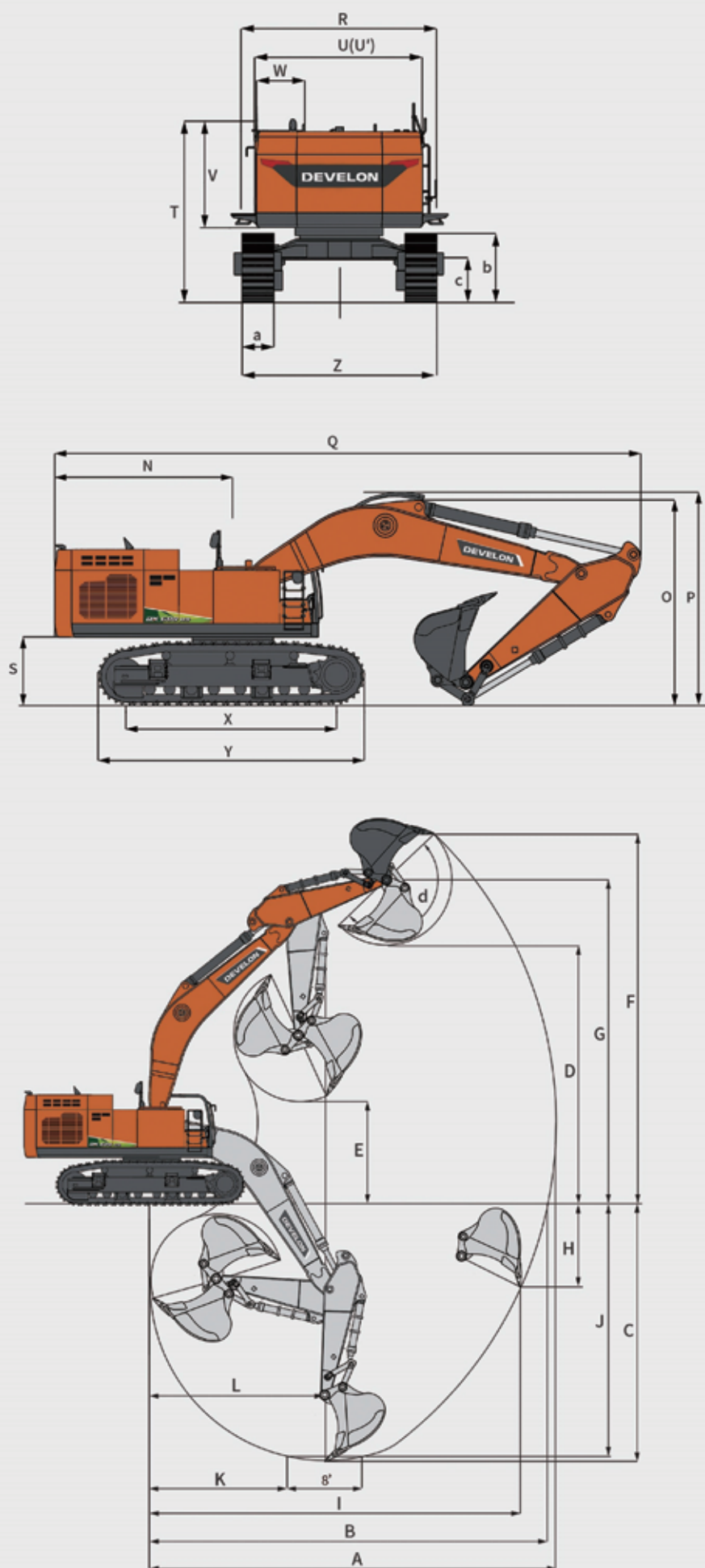
Bucket:4.5m<sup>3</sup> | Rated power:331kW/1,800rpm | Operating weight:64,100kg





# Technical Parameter

Model		DX680HD	
External dimensions			
Big arm		(m)	6.65
Forearm		(m)	2.90
Transportation height (up to the top of the boom)	O	(mm)	4,885
Yunyu height (up to the top of the hose)	P	(mm)	4,990
Transportation length	Q	(mm)	12,145
Transportation width	R	(mm)	3,900
Ground clearance of counterweight	S	(mm)	1,430
Total height (up to the top of the cab)	T	(mm)	3,420
Turntable width	U	(mm)	3,200
Turntable width (CAT WALK)	U'	(mm)	3,810
Cabin height (above turntable)	V	(mm)	1,900
Driving obstruction full width	W	(mm)	1,010
High center distance between guide wheel and drive wheel	X	(mm)	4,600
Track length	Y	(mm)	5,695
Total width (contraction track/expansion track)	Z	(mm)	3,340/3,900
track width	a	(mm)	600
Track Height	b	(mm)	1,230
Minimum ground clearance	c	(mm)	790
Scope of homework			
Maximum excavation range	A	(mm)	11,432
Maximum excavation distance on the ground	B	(mm)	11,137
Maximum excavation depth	C	(mm)	6,975
Maximum loading height	D	(mm)	7,145
Minimum loading height	E	(mm)	3,205
Maximum excavation height	F	(mm)	10,710
Maximum height of bucket pin shaft	G	(mm)	9,190
Maximum vertical arm excavation depth	H	(mm)	3,215
Maximum vertical radius	I	(mm)	9,840
Maximum controlled excavation depth on 8-foot flat ground	J	(mm)	6,830
Minimum excavation radius on 8-foot flat ground	K	(mm)	3,720
Minimum turning radius	L	(mm)	5,240
Bucket extension angle	d	(°)	178
Tail turning radius	N	(mm)	3,960







# Technical Parameter

Engine	
Model	Scania DC13
Number of cylinders	6
Cylinder diameter&stroke	φ130mm×160mm
Rated power	331kW/1,800rpm
Drive mode	Hydraulic Drive
Deceleration mechanism	Planetary gear reduction
Rotary operation brake	Wet multi disc brake
Rotation speed	8.0rpm
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)	4.1/3.3km/hr
Operating the brake	Hydraulic brake
Parking brake	Wet multi disc brake
Working weight	
Track shoes	600mm
Operating weight	64,100kg
Ground voltage ratio	1.08kg/cm <sup>2</sup>

Main pump	
Type	Variable displacement piston pump
Maximum flow rate	4×230L/min
Cylinder	
Boom	2-180×125×1,750mm
Stick	1-200×140×1,879mm
Bucket	1-185×130×1,465mm
Maximum digging force (ISO)	
Stick	27.1/28.8ton
Bucket	31.7/33.6ton
Fuel tank capacity	
Fuel tank	760L
Walking section	
Central framework	X-frame
Track frame	Box type cross-sectional structure
Track seal	Self-lubricating track
Track adjustment (high/low)	Butter tightens tightly
Number of track shoes	52 pieces per side
Supporting wheel	3 on each side
Supporting wheel	9 on each side

The approximate working weight includes a 6300mm HD boom, a 2.900mm HD stick, SAE funnel, operator, lubricant, coolant, filled fuel tank, and standard configuration.