

# DEVELON

## DX270 HD

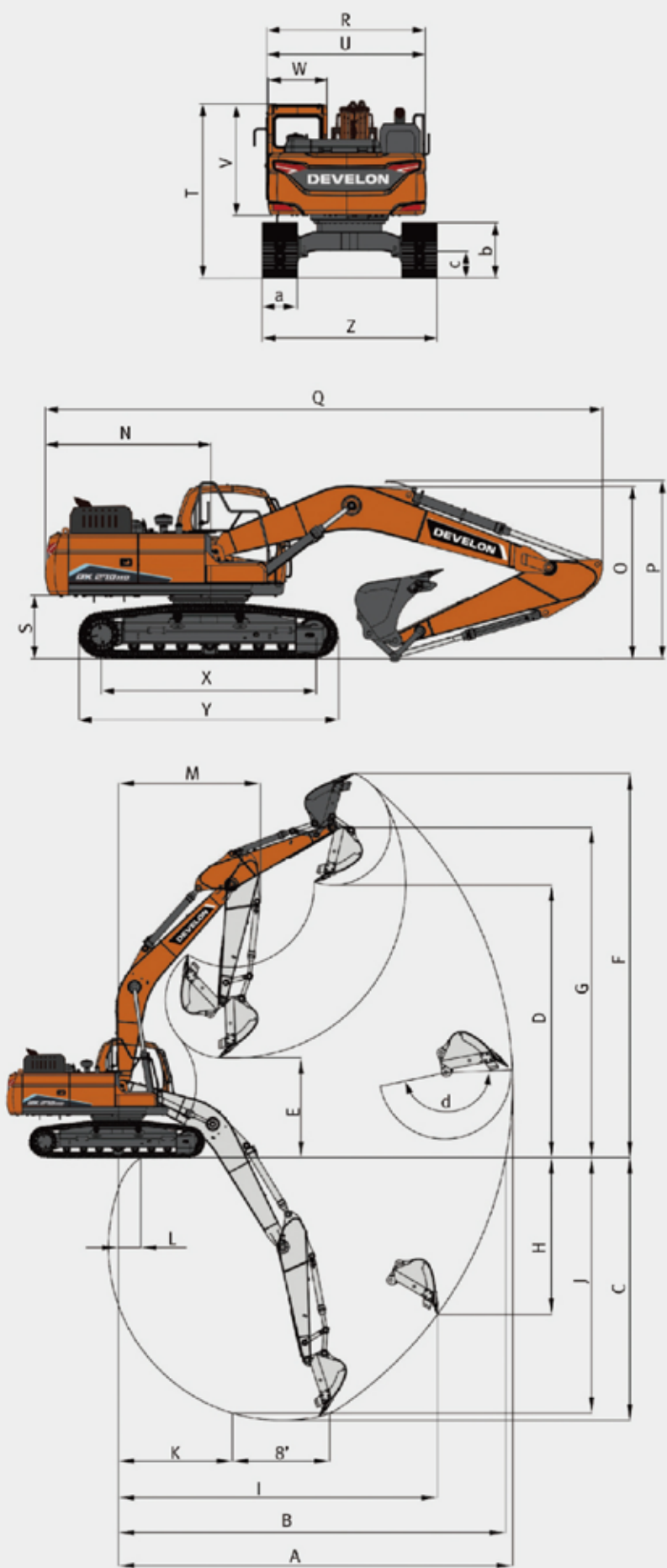
Bucket:1.5m<sup>3</sup> | Rated power:141.4kW/2,000rpm | Operating weight:26,200kg



Model

DX270HD

External dimensions			
Transportation height (up to the top of the boom)	O	(mm)	3,235
Transportation height (up to the top of the hose)	P	(mm)	3,047
Transportation length	Q	(mm)	10,082
Transportation width	R	(mm)	3,200
Balance weight clearance from the ground	S	(mm)	1,109
Total height (up to the top of the cab)	T	(mm)	2,995
Turntable width	U	(mm)	2,863
Cabin height (above turntable)	V	(mm)	1,886
Full width of the cab	W	(mm)	1,010
Center distance between guide wheel and drive wheel	X	(mm)	3,835
Track length	Y	(mm)	4,630
Overall width	Z	(mm)	3,200
track width	a	(mm)	600
Track Height	b	(mm)	941
Minimum ground clearance	c	(mm)	424
Scope of homework			
Maximum excavation distance	A	(mm)	10,202
Maximum excavation distance on the ground	B	(mm)	10,020
Maximum digging depth	C	(mm)	6,838
Maximum loading height	D	(mm)	6,996
Maximum excavation height	F	(mm)	9,673
Maximum height of bucket pin shaft	G	(mm)	8,493
Maximum vertical arm excavation depth	H	(mm)	3,148
Maximum vertical radius	I	(mm)	8,843
Maximum excavation depth on 8-foot flat ground	J	(mm)	6,644
Minimum excavation radius on 8-foot flat ground	K	(mm)	2,929
Minimum excavation distance	L	(mm)	628
Minimum turning radius	M	(mm)	3,720
Bucket extension angle	d	(°)	169
Tail turning radius	N	(mm)	3,040







## Main specifications

Engine	
Model	DEVELON DL06
Inhale	Turbo
Number of cylinders	6
Cylinder diameter	100mm
Piston stroke	125mm
Rated power	141.4kW/2,000rpm
Cylinder	
Boom	130×90×1,365mm
Stick	145×105×1,655mm
Bucket	125×82×1,640mm
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)	6.1/3.6km/hr
Operating the brake	Hydraulic brake
Working weight (operator, lubricant, coolant, filled fuel tank, and standard configuration)	
Bucket	1.5m <sup>3</sup>
Working weight	26.2ton
Boom	5,700mm HD
Stick	3,000mm HD

Hydraulic system	
Type	ECU
Maximum flow rate	2×237L/min
Rotary system	
Drive mode	Hydraulic Drive
Deceleration mechanism	Planetary gear reduction
Rotary operation brake	Wet multi disc brake
Rotation speed	11.1rpm
Safety valve setting value	
Hydraulic circuit of working device	350/370kg/cm <sup>2</sup>
Walking hydraulic circuit	350kg/cm <sup>2</sup>
Rotary hydraulic circuit	285kg/cm <sup>2</sup>
Fuel tank capacity	
Fuel tank	420L
Hydraulic oil tank	250L
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)	
Bucket	16.9ton
Bucket (when power is applied)	18.3ton
Stick	12.7ton
Stick (when power is applied)	13.8ton