

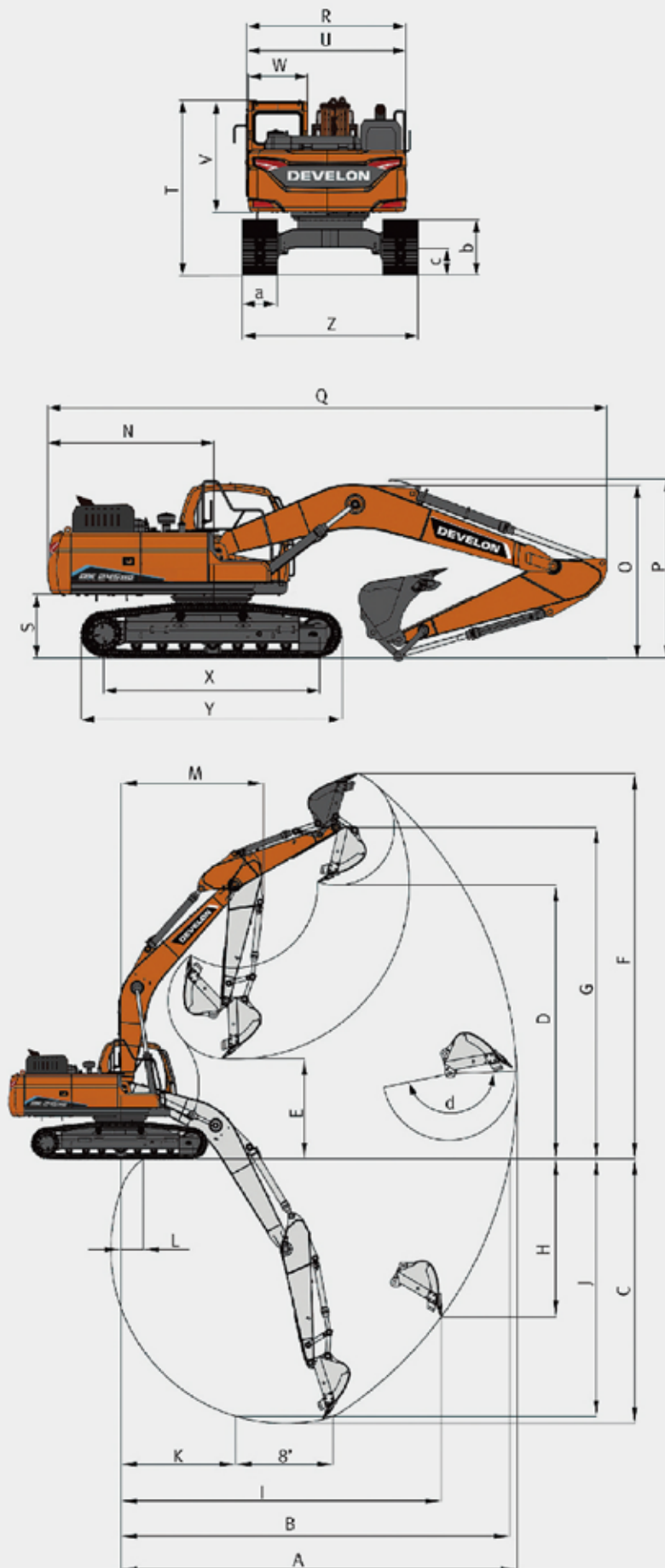
# DEVELON

## DX245 HD

Bucket:1.4m<sup>3</sup> | Rated power:141.4W/2,000rpm | Operating weight:24,500kg



Model			DX245HD
External dimensions			
Transportation height (up to the top of the boom)	O	(mm)	2,890
Transportation height (up to the top of the hose)	P	(mm)	3,005
Transportation length	Q	(mm)	9,571
Transportation width	R	(mm)	2,990
Balance weight clearance from the ground	S	(mm)	1,076
Total height (up to the top of the cab)	T	(mm)	2,996
Turntable width	U	(mm)	2,709
Cabin height (above turntable)	V	(mm)	1,920
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)	9,873
Maximum excavation distance on the ground	B	(mm)	9,699
Maximum digging depth	C	(mm)	6,592
Maximum loading height	D	(mm)	6,830
Maximum excavation height	F	(mm)	9,616
Maximum height of bucket pin shaft	G	(mm)	8,274
Maximum vertical arm excavation depth	H	(mm)	3,929
Maximum vertical radius	I	(mm)	7,988
Maximum excavation depth on 8-foot flat ground	J	(mm)	6,411
Minimum excavation radius on 8-foot flat ground	K	(mm)	2,858
Minimum excavation distance	L	(mm)	562
Minimum turning radius	M	(mm)	3,560
Bucket extension angle	d	(°)	178
Tail turning radius	N	(mm)	2,855



# 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	125×85×1,263mm
Stick	140×100×1,443mm
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)	6.2/3.3km/hr
Operating the brake	Hydraulic brake
Working weight (operator, lubricant, coolant, filled fuel tank, and standard configuration)	
Bucket	1.40m <sup>3</sup>
Working weight	24.5ton
Boom	5,700mm HD
Stick	2,900mm HD

Hydraulic system	
Type	Electronic control
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	280kg/cm <sup>2</sup>
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
Coolant/lubricant capacity (replacement)	
Bucket	14.5ton
Bucket (when power is applied)	15.4ton
Stick	10.7ton
Stick (when power is applied)	11.3ton