


DEVELON

DX305 HD

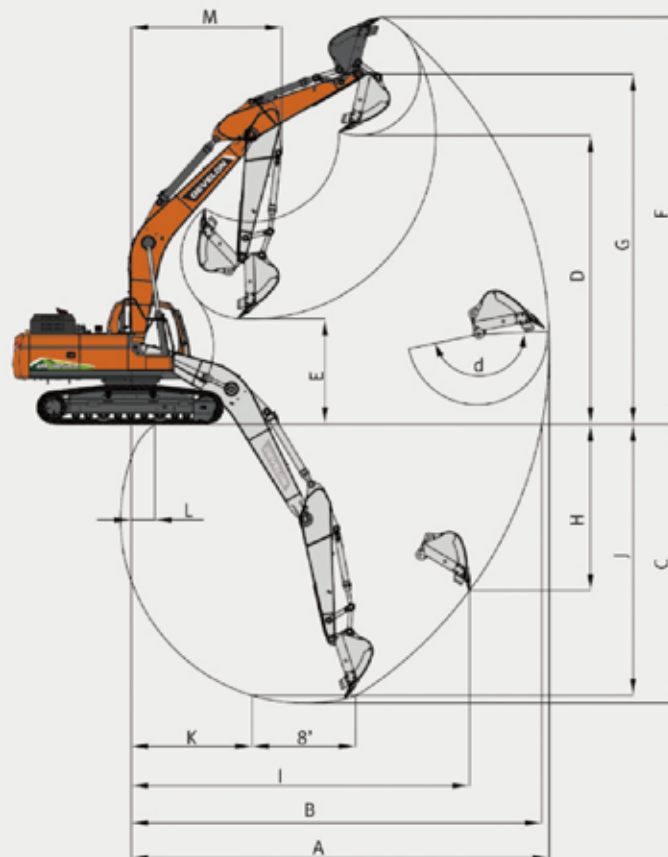
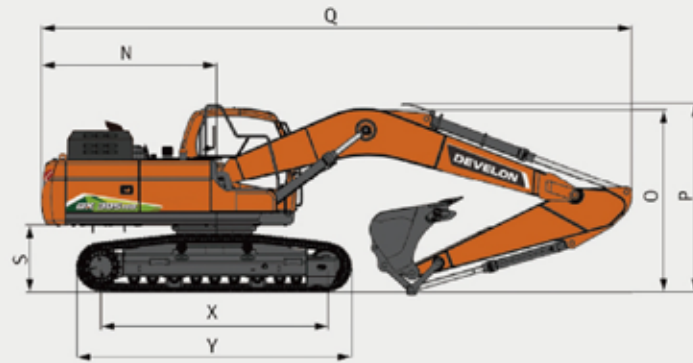
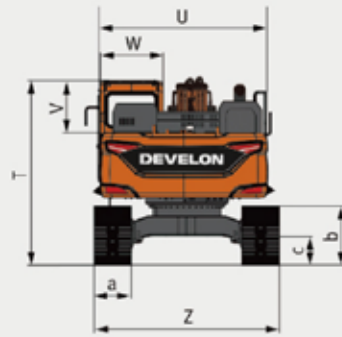
Bucket:1.65m³ | Rated power:204kW/1,800rpm | Engine:Develon DL08





Technical Parameter

Model		DX305HD	
Boom		(mm)	6,245
Stick		(mm)	3,100
Bucket		(m ³)	1.65
Maximum excavation distance	A	(mm)	10,748
Maximum excavation distance on the ground	B	(mm)	10,553
Maximum excavation depth	C	(mm)	7,320
Maximum loading height	D	(mm)	7,258
Minimum loading height	E	(mm)	2,732
Maximum excavation height	F	(mm)	10,243
Maximum height of bucket pin shaft	G	(mm)	8,885
Maximum vertical arm excavation depth	H	(mm)	4,414
Maximum vertical radius	I	(mm)	8,567
Maximum excavation depth on 8-foot flat ground	J	(mm)	7,152
Minimum excavation radius on 8-foot flat ground	K	(mm)	3,084
Minimum excavation distance	L	(mm)	360
Minimum turning radius	M	(mm)	4,019
Bucket extension angle	d	(°)	175
Tail turning radius	N	(mm)	3,188
Transportation height (up to the top of the boom)	O	(mm)	3,515
Transportation height (up to the top of the hose)	P	(mm)	3,697
Transportation length	Q	(mm)	10,615
Ground clearance of counterweight	S	(mm)	1,150
Total height (up to the top of the cab)	T	(mm)	3,031
Turntable width	u	(mm)	2,960
Cabin height (above turntable)	V	(mm)	818
Full width of the cab	W	(mm)	1,007
Center distance between guide wheel and drive wheel	X	(mm)	4,039
Track length	Y	(mm)	4,940
Chassis width (standard)	Z	(mm)	3,199
track width	a	(mm)	600
Track Height	b	(mm)	1,033
Minimum ground clearance	c	(mm)	506



Main specifications

Engine	
Model	Develon DL08
Type	Straight line
Inhale	Turbo
Number of cylinders	6
Cylinder diameter	108mm
Piston stroke	139mm
Rated power	204kW/1,800rpm
Rotary system	
Drive mode	Hydraulic Drive
Deceleration mechanism	Planetary gear reduction
Rotary operation brake	Wet multi disc brake
Rotation speed	10.9rpm
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)	6.1/3.4km/hr
Operating the brake	Hydraulic brake
Parking brake	Wet multi disc brake
Walking section	
Central framework	X-frame
Track frame	Box type cross-sectional structure
Track seal	Self-lubricating track
Track alignment (high/low)	Butter tightens tightly
Number of track shoes	48 pieces per side
Supporting wheel	2 on each side
Supporting wheel	9 on each side

Operating weight

Operator, lubricant, antifreeze, filled fuel tank, and standard configuration	
BOOM	6.245mm
Stick	3,100mm
Bucket	1.65m³
Track shoes	600mm
Operating weight	30,900kg
Ground pressure	0.58kg/cm²
Maximum excavating force(ISO)	
Bucket	16.9ton
Bucket (when power is applied)	17.9ton
Stick	12.8ton

Hydraulic system

Hydraulic motor	
Walking motor	Axial piston type × 2
Rotary operation brake	Wet multi disc brake
Main pump	
Type	Variable displacement piston pump
Maximum flow rate	2×288L/min
Safety valve setting value	
Hydraulic circuit of working device	350kg/cm²
Walking hydraulic circuit	350kg/cm²
Rotary hydraulic circuit	300kg/cm²
Fuel tank capacity	
Fuel tank	500L
Hydraulic oil tank	280L
Hydro-cylinder	
Moving arm	140×95×1,450mm
Stick	150×105×1,670mm
Bucket	135×90×1,150mm
Antifreeze/lubricant capacity (replacement)	
Radiator	35L
Engine	42L
Walking deceleration gear oil	2×7L

Optional selection

Develon 165 hydraulic crusher	
Drill rod diameter	165mm
Weight	3,277kg
Drive oil quantity	200-250L/min
Drive oil pressure	160-190bar
Beat frequency	250-380bpm
Continuing the important position of the 30 ton hard core model of Diwanlun in the crushing market, equipped with the 165 type crushing hammer, the hydraulic system, engine power, and main pump flow have been comprehensively upgraded to effectively overcome jumping hammer and achieve the best match with Diwanlun equipment with high-quality.	

