

DEVELON

DX150 W DX150 WE

Engine model: Develon DL06 | Rated power: 110kW/2,000rpm | Operating weight: 14,200kg

Engine model: Perkins 1204EA | Rated power: 110kW/2,000rpm | Operating weight: 13,720kg



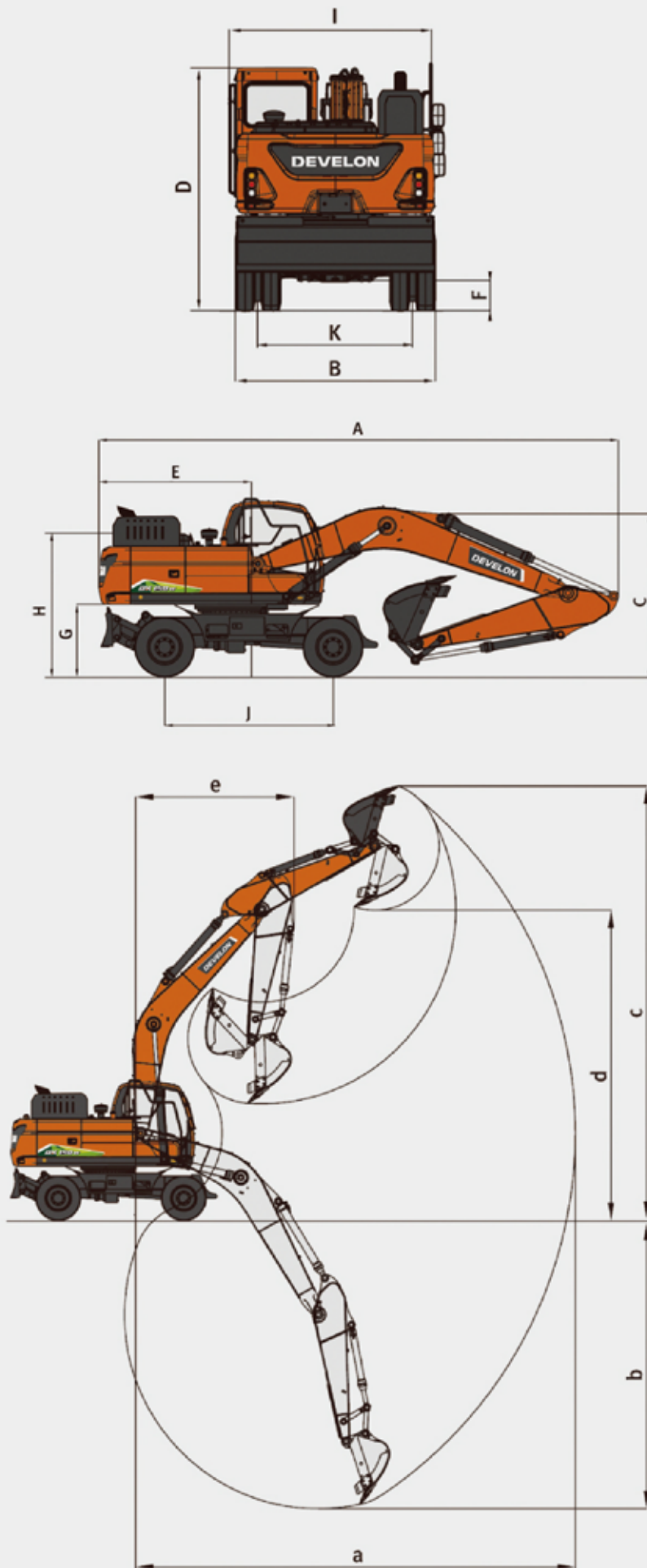


Technical Parameter

Model

DX150W/DX150WE

Standard configuration (Boom 4400mm)			
Transportation length	A	(mm)	7,490
Transportation width	B	(mm)	2,523
Transportation height (up to the top of the boom)	C	(mm)	3,230
Total height (up to the top of the cab)	D	(mm)	3,040
Tail turning radius	E	(mm)	2,320
Minimum ground clearance	F	(mm)	350
Minimum ground clearance of counterweight	G	(mm)	1,206
Ground clearance of engine hood	H	(mm)	2,546
Turntable width	I	(mm)	2,554
Distance between front and rear wheels	J	(mm)	2,800
Left and right wheelbase	K	(mm)	1,944
Maximum excavation radius	a	(mm)	7,615
Maximum excavation depth	b	(mm)	4,509
Maximum excavation height	c	(mm)	8,311
Maximum loading height	d	(mm)	5,885
Minimum turning radius	e	(mm)	2,196
Optional configuration (boom 4600mm)			
Transportation length	A	(mm)	7,670
Transportation width	B	(mm)	2,523
Transportation height (up to the top of the boom)	C	(mm)	3,210
Total height (up to cabin height)	D	(mm)	3,040
Tail turning radius	E	(mm)	2,320
Minimum ground clearance	F	(mm)	350
Ground clearance of counterweight	G	(mm)	1,206
Ground clearance of engine hood	H	(mm)	2,546
Turntable width	I	(mm)	2,554
Distance between front and rear wheels	J	(mm)	2,800
Left and right wheelbase	K	(mm)	1,944
Maximum excavation radius	a	(mm)	7,817
Maximum excavation depth	b	(mm)	4,642
Maximum excavation height	c	(mm)	8,457
Maximum loading height	d	(mm)	6,091
Minimum turning radius	e	(mm)	2,257



Main specifications

	DX150W	DX150WE
Engine		
Model	Develon DL06	Perkins 1204EA
Type	High voltage common rail	
Air intake method	Turbo	
Number of cylinders	6	4
Cylinder diameter	100mm	105mm
Piston stroke	125mm	127mm
Rated power	110kW/2,000rpm	110kW/2,200rpm
Rotary system		
Drive mode	Hydraulic Drive	
Deceleration mechanism	Planetary gear reduction	
Rotary operation brake	Wet multi disc brake	
Rotation speed	12.2rpm	
Drive device and brake		
Steering control	Foot pedal and steering wheel control	
Drive mode	Hydraulic Drive	
Walking motor	Axial piston hydraulic motor	
Walking speed (high/medium/low)	34.4/8.5/3.3km/hr	35.7/8.8/3.4km/hr
Operating the brake	Hydraulic brake	
Parking brake	Wet multi disc brake	

Operating weight

	DX150W	DX150WE
(Operator, lubricant, antifreeze, filled fuel tank, and standard 4400mm boom configuration)		
Boom	4,400/4,600mm	4,400/4,600mm
Stick	2,100mm	2,100mm
Bucket	0.57m ³	0.57m ³
Operating weight	14.2ton	13.72ton
Cylinder		
Boom	110×75×1,035mm	

Hydraulic system

	DX150W	DX150WE
Main pump		
Type	REXROTH	
Maximum flow rate	2×167L/min	2×167L/min
Fuel tank capacity		
Fuel tank	280L	280L
Hydraulic oil tank	140L	140L
Urea tank capacity	30L	-
Safety valve setting value		
Hydraulic circuit of working device	330kg/cm ²	330kg/cm ²
Walking hydraulic circuit	350kg/cm ²	350kg/cm ²
Rotary hydraulic circuit	275kg/cm ²	275kg/cm ²
Boosting hydraulic circuit	350kg/cm ²	350kg/cm ²
Antifreeze/lubricant capacity (replacement)		
Radiator antifreeze	29L	25L
engine oil	22L	13.6L
Rotary reducer gear oil	2L	2L
Travel gearbox oil	3.4L	3.4L
LSD gear oil for walking front axle	8.8L	7.5L
LSD gear oil for walking rear axle	11L	7.5L
LSD gear oil for walking wheels	4×2.4L	4×2.8L