



Z215C/D-7 Crawler Excavator Technical Specifications

(This specification only applies to technical recommendations for excavator products)

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ZENVAN MACHINERY CO., LTD

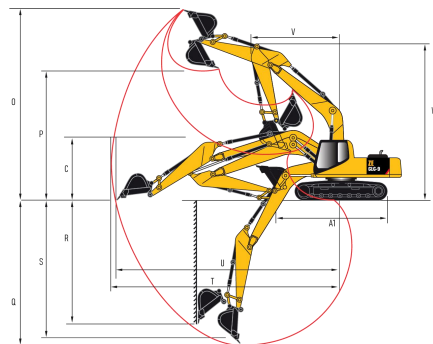
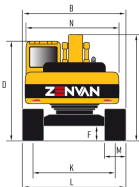
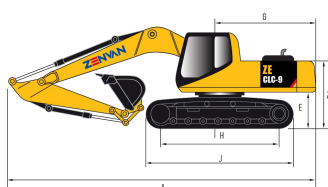
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Due to the continuous advancement of technical design, we cannot effectively notify you of product changes, please understand.

ZE215C-7 ZE215D-7 Crawler Excavator Technical Specifications

Model		Unit	ZE215C-7	ZE215D-7
Operating weight		Kg	21.5	
Bucket capacity		m ³	1.0 (HD)	
Engine	Model	/	CUMMINS	CUMMINS
	Direct injection	/	6BTAA5.9-C178-II	QSB7
	Four strokes	/	Direct	Electric
	Water cooling	/	√	√
	Turbo-charging	/	√	√
	Air to air intercooler	/	√	√
	No. of cylinders	/	√	√
	Rated power/speed	/	6	6
	Maximum torque/speed	kw/rpm	133/2100	124/2000
	Displacement	N.m	750N.m/1300rpm	650N.m/1250rpm
Main performance	Swing speed	L	5.9	6.7
	Grade-ability	km/h	5.2/3.5	
	Bucket digging force	r/min	11.5	
	Arm digging force	%	≤70	
	Maximum tractive force	kPa	49.4/37	
Hydraulic system	Main pump	kN	157	
	Rated flow of main pump	kN	129	
	Main safety valve pressure	kN	184	
Undercarriage	Travel speed (H/L)	/	2 个柱塞泵 Two piston pump	
	Ground pressure	L/min	228*2	
	Track roller number	MPa	37	
	Track number	MPa	37	
Oil Capacity	Fuel tank capacity	MPa	25.5	
	Hydraulic tank capacity	MPa	3.9	
	Engine oil capacity	L	420	
	Coolant	L	246	
	Final drive	L	21	
Appearance dimensions	A Overall length	L	21	
	B Overall width	mm	9560	
	C Overall height(Boom top)	mm	2780	
	D Overall height(cab top)	mm	3040	
	E Counterweight clearance	mm	3120	
	F Min.ground clearance	mm	2700	
	G Min.tail swing radius	mm	4060	
	H Track ground length	mm	2780	
	J Track length	mm	600	

	K Track gauge	mm	2780
	L Track width	mm	2180
	M Track shoes width(std)	mm	1065
	N Turn-able width	mm	466
Working scope	O Max.digging height	mm	2720
	P Max.dumping height	mm	960
	Q Max.digging depth	/	7
	R Max.vertical wall digging depth	/	41
	S 2.5m Max.digging depth for 2.5m	mm	9750
	T Max.digging reach	mm	6560
	U Max.digging reach at ground level	mm	6515
	V Min.swing radius	mm	6380
	W Min.height at min.swing radius	mm	5915
	Z Counterweight height	mm	9865
	A1 Ground length(Transportation)	mm	3630
Standard	Length of boom	mm	5700
	Length of arm	mm	2900
	Bucket capacity	m ³	1.0(HD)
Optional	Length of boom	mm	5700-9960
	Length of arm	mm	2500-7730
	Bucket capacity	m ³	0.8-1.2



ZE215C-7 ZE215D-7 Crawler Excavator Main Parts Lists

No.	Part Name	Brand	Model
1	Engine	CUMMINS	
2	Main Pump	KAWASAKI	
3	Main Valve	ZENVAN	
4	Track Motor	ZENVAN	
5	Swing Motor	ZENVAN	
6	Sprocket, idler, carrier roller, track roller and track	ZENVAN	