

Model	Unit				
		922E ALPHA LC		R215 smart plus	
Engine					
Engine Make		CUMMINS		CUMMINS	
Engine Model		6BT5.9		6BTAA-5.9C	
Gross Power	hp	140 @2000		140 hp @ 2000 rpm	
Peak Torque	Nm	571 @1300		564 N.m @ 1600 rpm	
Undercarriage					
Track Length	mm	4250		4360	
Track Shoe Width	mm	600		600	
Track Shoes - Each Side	Nos.	47		48	
Number Of Carrier Rollers - Each Side	Nos.	2		2	
Number Of Track Rollers - Each Side	Nos.	8		8	
Hydraulic system					
Main Pump		2 Variable Displacement Axial Piston Pumps		2 Variable Displacement Piston Pump	
Max Flow	LPM	2x224		2 X 200	
Main pressure	Mpa	34.3		32.3	
Pilot pressure	Mpa	3.9		3.4	
Swing System					
Swing speed	RPM	12		11	
Drives & Brakes					
Drawbar pull	kN	189		207	
Travel Speed	km\h			5.3/3.4	
Gradability	* (%)	35(70)		35 (70)	
Service Capacity					
Fuel Tank	L	420		340	
Engine Oil	L	20		21	
Cooling system	L			25.5	
Hydraulic resevoir	L	128		150	
Hydraulic system total	L			260	
Operating Weight					
Shoe Ground pressure	kPa	48		46.09	
Operating Weight	Kg	21,700		21700	
Static Dimension					
Overall length	mm	9710		9570	
Width (bottom Track width)	mm	2990		2990	
Width (Upper structure)	mm	2760		2700	
Height	mm	3040		2920	
Track on ground	mm	3445		3550	
Working Dimension					
Boom length	mm	5710		5680	
Arm Length	mm	2200/2400		2400	
Dig Height	mm	9645/9942		9460	
Dump Height	mm	6945/7160		6670	
Dig Depth	mm	5970/6100		6060	
Max reach	mm	9280/9509		9480	
Max reach at ground level	mm	9090/9322		9300	
Min swing radius	mm	3335/3090		3580	
Breakout force					
Bucket breakout force	kN	158		153	
Arm breakout force	kN	134/125		122	
Buckets					
General Purpose (GP)	m ³	1		1	
Rock Bucket (HD)	m ³	0.95		0.92	