








## SE210 Hydraulic Crawler Excavator



## Technical Specifications

			
<b>Engine</b>		<b>Travel System</b>	
Model	CUMMINS B5.9-C Imported from U.K.	Travel motors	2×Axial Piston
Type	6 cylinders; turbocharged; driect injection,water cooled	Travel brakes	Hydraulic disc brake
		Parking brakes	Oil disc brake per motor
No. of cylinder	6	Travel shoes	2×46
Bore and stroke	102mm×120mm	Travel speed	3.5/5.4 km/h
Displacement	5.9L	Track rollers/carrier rollers	7/2 (each side)
Rated Power	112KW(150HP)/1950rpm	Gradeability	70% (35°)
Air filter	Dry air filter	Ground clearance	468 mm
			
<b>Hydraulic System</b>		<b>Cab &amp; Controls</b>	
Pump	Tongmyung, Korea	Cab	All-weather,sound-suppressed Cab and equipped with a heavy, insulated Floor Mat, Front Window can be opened and slid; 6-direction adjustable Seat; LED display, Automatic monitoring, display and warning; cool & hot Air Conditioner;
Type	2 variable displacement pumps +1 gear pump		
Max. discharge flow	2×205L/Min		
<b>Max. discharge pressure</b>			
Boom,arm and bucket	31.9 Mpa	Control	Two hand levers and two foot pedals for travel; Two hand levers for excavating and swing Electric rotary-type engine throttle
Travel circuit	31.9 Mpa		
Swing circuit	25.5 Mpa		
Control circuit	3.9 Mpa		
		<b>Electric System</b>	
Pilot control pump	Gear type	Voltage	24V
Main control valves	PARKER 8-spool	Start Motor	24V/7.5KW
Oil cooler	Air cooled type	Generator	24V/50A
			
<b>Swing System</b>		<b>Refilling Capacities &amp; lubrications</b>	
Swing motor	JEIL (Korea)	Fuel tank	360 L
Swing motor type	Axial-piston motor	Cooling system	25 L
Brake	Hydraulic oil released	Engine oil	20 L
Parking brake	Hydraulic disc brake	Travel reduction gear	2×5.4 L
Swing speed	11.5 Rpm	Swing reduction gear	4.4 L
Tail swing radius	2905 mm	Hydraulic oil tank	230 L Tank oil level
Swing torque	9.9 KN.m		420L Hydraulic system
			
<b>Bucket</b>			
Use		Backhoe bucket	
Bucket capacity M <sup>3</sup>		0.9 M <sup>3</sup>	
Bucket width		1172 mm	
No. of bucket teeth		5	

Working ranges		Unit: M
Arm length		2.92 M
A	Max. digging reach	9853 mm
B	Max. digging reach at ground level	9670 mm
C	Max. digging depth	6620 mm
D	Max. digging height	9305 mm
E	Max. dumping height	6475 mm
F	Max. vertical wall digging depth	6000 mm
G	Min. swing radius	3585 mm
H	Digging depth for 2.4m flat bottom	6050 mm
I	Bucket capacity	0.9 M <sup>3</sup>
Digging Force (ISO6015)		Unit: KN
Range		Parameters
A	Arm length	2.92 M
B	Bucket digging force	115 KN
C	Arm crowding force	92.5 KN

Overall Dimensions				Unit: mm			
Arm length		2.92 M		Arm length		2.92 M	
A	Overall length	9549 mm		G	Tail swing radius	2905 mm	
B	Overall height (to top of boom)	3073 mm		H	Tumbler distance	3360 mm	
C	Overall width	2800 mm		I	Overall length of crawler	4160.5 mm	
D	Overall height (to top of cab)	2932.5 mm		J	Track gauge	2200 mm	
E	Ground clearance of rear end	1075 mm		K	Shoe width	600 mm	
F	Ground clearance	468 mm		L	Overall width of upperstructure	2736 mm	

Operating Weight and Ground Pressure

Operating weight includes basic machine (with boom 5.7 M, arm 2.92 M, and bucket 0.9 M<sup>3</sup>)

Shoe width	mm	600 mm
Overall width	mm	2800 mm
Ground pressure	KPa	45 KPa
Operating weight	Kg	20500 KG

SE210 Hydraulic Crawler Excavator's Operating Weight is 20.5T, equipped with CUMMINS B5.9-C Engine, with Boom 5.7M, Arm 2.92M, and Bucket Capacity 0.9 M<sup>3</sup>.

**Notice:** Only after getting the permission of our company that the optional or special parts can be install on the machine.