

## ${\bf SE210}$ Hydraulic Crawler Excavator





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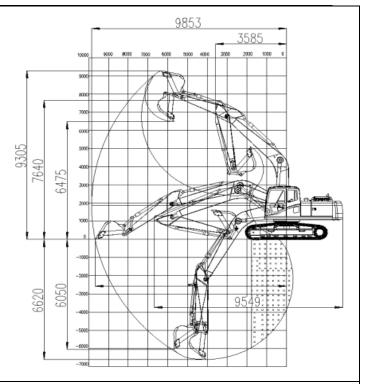
## **Technical Specifications**

<b>(</b>	En	gine	Travel System			
Model		CUMMINS B5.9-C	Travel m	notors	2×Axial Piston	
		Imported from U.K.				
Туре		6 cylinders; turbocharged;	; Travel b	rakes	Hydraulic disc brake	
		driect injection,water coole	ed Parking	brakes	Oil disc brake per motor	
No. of cylinder		6	Travel sl	noes	2×46	
Bore and stroke		102mm×120mm	Travel sp	peed	3.5/5.4 km/h	
Displacement		5.9L	Track roll	ers/carrier rollers	7/2 (each side)	
Rated Power		112KW(150HP)/1950rpm	n Gradeab	lity	70% (35°)	
Air filter		Dry air filter	Ground	clearance	468 mm	
Ö	Hydraı	ılic System	A	Cab & Controls		
Pump		Tongmyung, Korea		All-weather,sou	und-suppressed Cab and	
Type	2 variable displ	acement pumps +1 gear pump	)	equipped with	a heavy, insulated Floor Mat,	
Max. discha	arge flow	2×205L/Min	Cab	Front Window	can be opened and slided;	
Max. discharge pressure				6-direction adjustable Seat; LED display, Automatic monitoring, display and warning; cool & hot Air Conditioner;		
Boom,arm a	and bucket	31.9 Mpa		Two hand leve	rs and two foot pedals for travel;	
Travel circu	it	31.9 Mpa	Control	Two hand lever	rs for excavating and swing	
Swing circuit		25.5 Mpa		Electric rotary-	type engine throttle	
Control circuit		3.9 Mpa		Electric System		
Pilot control pump		Gear type	Voltage		24V	
Main control valves		PARKER 8-spool	Start Mo	tor	24V/7.5KW	
Oil cooler		Air cooled type	Generate	or	24V/50A	
ţ	Swing	System	卫	Refilling C	apacities & lubrications	
Swing motor		JEIL (Korea)	Fuel tanl	ζ	360 L	
Swing motor type		Axial-piston motor	Cooling	system	25 L	
Brake		Hydraulic oil released	Engine o	pil	20 L	
Parking brake		Hydraulic disc brake	Travel re	eduction gear	2×5.4 L	
Swing speed		11.5 Rpm	Swing re	eduction 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	ucket					
Use			Backhoe bucket			
Bucket capacity M <sup>3</sup>			$0.9 \mathrm{M}^3$			
	Bucket	width	1172 mm			
Swing torque 9.9 KN.m  Bucket  Use			Hydra	Backho 0.9	420L Hydraulio	

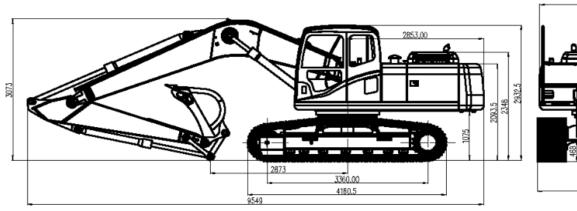
No. of bucket teeth

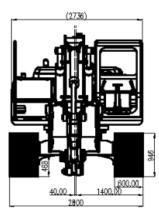
## SHANTUI

W	Working ranges Unit: M				
	Arm length	2.92 M			
A	Max. digging reach	9853 mm			
В	Max. digging reach at ground level	9670 mm			
C	Max. digging depth	6620 mm			
D	Max. digging height	9305 mm			
Е	Max. dumping height	6475 mm			
F	Max. vertical wall digging depth	6000 mm			
G	Min. swing radius	3585 mm			
Н	Digging depth for 2.4m flat bottom	6050 mm			
I	Bucket capacity	$0.9 \text{ M}^3$			
Di	Digging Force (ISO6015) Unit: KN				
	Range Parameters				
A	Arm length	2.92 M			
В	Bucket digging force	115 KN			
C	Arm crowding force	92.5 KN			



O	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			
В	Overall height (to top of boom)	3073 mm	Н	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			
Е	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 pessure	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.