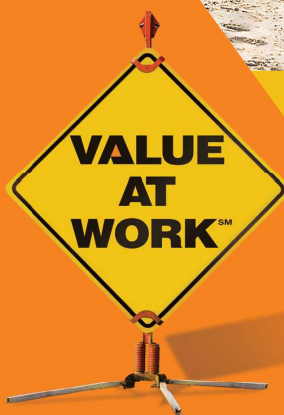


Excavator Series

SE210-9



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## Excavator Series

# SE210-9

ENGINE	
Make	Cummins
Model	B5.9-C
Rated Power	112 kW@1950 rpm
Maximum Torque	614 Nm@1500 rpm
Displacement	5.9ℓ
Cylinder	6-102 x 120 mm (bore x stroke)
Type	6-cylinder in line - turbocharged
Direct injection	YES
Air Filter	Two stage
ARM	
Arm Length	2.4 m
Arm digging force	99kN
UNDERCARRIAGE	
Track shoe width	600 mm
Grouser	26 mm
No. of track shoes each side	2x46
Pitch	190 mm
Ground pressure	47.5KPA
Number of top rollers	2x2
Number of track rollers	2x7
SWING SYSTEM	
Swing Motor Type	Swash Plate Piston Motor KPM M5X130
Brake	Pressure Release Mechanical
Swing Speed	11 rpm
WORKING RANGES	
Tail Swing Radius	2925 mm
Min front swing Radius	2970 mm
Maximum digging reach	9.86 m / 9.675 m
Maximum Digging Depth / Height	6.49 m / 10.095 m
Maximum Dumping Height	7.195 m
Maximum Swing Radius	2.97 m
BUCKET	
Bucket Capacity	Backhoe Bucket 0.9 m <sup>3</sup> (SAE)
Number of Bucket Teeth	5
Bucket Width	1267 mm
Bucket Digging Force	135 kN
HYDRAULIC CONTROL SYSTEM	
Working Pump	KPM K3V112DT
Type	Variable plunger pump
WMaximum discharge flow	2 x 218 L/min
Control circuit pressure	3.9 MPa
Boom, Arm and Bucket pressure	34.3 MPa
Travel Circuit pressure	34.3 MPa
Swing Circuit pressure	25.5 MPa
CYLINDER	
Boom Cylinder	120 x 85 x 1335 mm (2)
Arm Cylinder	135 x 95 x 1490 mm (1)
Bucket Cylinder	115 x 80 x 1120 mm (1)

TRAVEL SYSTEM	
Travel Motor	Variable Axial Piston KYB MAG-170VP
Travel Brakes	Lubricated Double-Disc
Parking Brake	Pressure Release
Travel Speed	3.15 - 5.15 km/h
Drawbar Pulling Force	214 kN
Gradeability	70% (35°)
CAB	
Front and head guard	Optional
A/C	YES
Adjustable air suspension seat	YES
Seat belt	YES
Fire extinguisher	YES, SABS Standard
Engine oil pressure meter	YES
Hydraulic oil temperature meter	YES
Coolant temperature meter	YES
Hour meter	YES
Voltage meter	YES
Vibration Absorption	YES
Impact Resistance	YES
Controls	Two Joysticks - Two Foot Pedals - Manual/Electronic Controlled Throttle.
DIMENSIONS AND WEIGHT	
Overall length	12090 mm
Overall height	3073 mm
Length from center to rear end	2920 mm
Length between centers of drive wheel and idler	3360 mm
Track length	4140 mm
Clearance height under upper structure	3055 mm
Minimum ground clearance	470 mm
Upper structure width	990 mm
Lower structure width	2800 mm
Track gauge	2200 mm
Operating weight	20.5 ton
ELECTRICAL EQUIPMENT	
Batteries	2x12V-120Ah maintenance free
Starter Motor	5.4 kW
Alternator	70A
SERVICE	
Fuel tank	330ℓ
Engine coolant	28ℓ
Engine oil	22ℓ
Hydraulic tank	270ℓ
Travel motor case	5ℓ
Swing motor case	4ℓ
Hydraulic system total	400ℓ

The specifications are subject to change without notice. The pictures may include options. The actual colour & appearance of the product may differ from what is shown.

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