Excavator Series

SE80

New cab design for optimal visibility

- Engine model: Cummins B3.3 (Tier 2)
- Rated power: 60 kW/2200 rpm
- Operating weight: 7.8 t

Product features

Original imported engine with Tier 2 emissions, conducive for energy saving and environmental protection. the engine features a radial seal air cleaner and air pre-cleaner, effectively extending the engine's service life. Equipped with a standard fuel pump.

Original imported hydraulic components have stable and reliable quality and high working efficiency. Strengthened working devices feature up to 360° swing in small spaces with a radius of up to 3.7 m. This excavator has strong adaptability in mining environments. New cab design greatly increases field of vision.





SHANTUI
VALUE THAT WORKS

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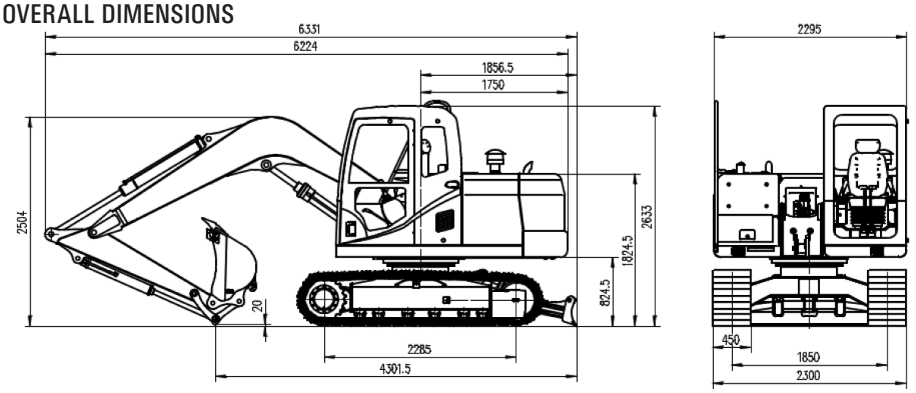
SE80

Technical specifications:

Minimum ground clearance: 362 mm	Overall length: 6331 mm
Operating weight: 7.8 t	Overall height: 2504 mm
Ground pressure: 33.71 kPa	Overall width: 2300 mm

ENGINE	Model	Cummins B3.3
	Type	4-cylinder in line, natural intake, water-cooled.
	Quantity of cylinders	4
	Bore x stroke	95 x 115 mm
	Displacement	3.3 L
	Power output	45 kW/2200 rpm
	Maximum torque	214 N·m/1600 rpm
HYDRAULIC SYSTEM	Pump	Imported
	Type	Variable double-piston pump
	Maximum discharge flow	2 x 74.8 L/min
	Boom, arm and bucket	27.5 MPa
	Travel circuit	27.5 MPa
	Swing circuit	23.5 MPa
TRAVEL SYSTEM	Travel motor	Variable axial piston
	Travel brakes	Lubricated double-disc
	Parking brake	Pressure release
	Travel shoes	2 x 40
	Travel speed	3.14~5.26 km/h
	Drawbar pulling force	67.7 kN
	Gradeability	70% (35°)
	Ground clearance	361.5 mm
CABIN & CONTROLS	Cabin	New ergonomic cab design strengthens the structure of the entire stamping with such features as: strong impact resistance, vibration damping pads, vibration absorption, comfortable seat with broad vision, smooth contour lines of the outer surface, sturdiness & durability.
	Controls	Two joysticks, two foot pedals, manual-/electronic-controlled throttle. Functions of two joysticks: digging & swinging.
	Boom cylinder	115 x 65 x 864 mm
	Arm cylinder	100 x 60 x 867 mm
	Bucket cylinder	90 x 55 x 710 mm
SWING SYSTEM	Swing motor type	Swash plate piston motor
	Brake	Pressure release
	Parking brake	Lubricated double-disc
	Swing speed	11.2 rpm
	Tail swing radius	1750 mm
BUCKET	Bucket capacity	Backhoe bucket 0.32 m^3 (SAE)
	Number of bucket teeth	5
	Bucket width	820 mm
	Arm length	1.65 m
	Maximum digging reach/Maximum digging reach at ground level	6.447 m/6.292 m
	Maximum digging depth/height	4.006 m/6.581 m
	Maximum dumping height	4.535 m
	Minimum swing radius	2.383 m

OVERALL DIMENSIONS



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