

Shantui SD08YE Bulldozer



ITEM	UNIT	SD08YE	SD08YS
L*W*H	mm	Traction frame 4252×2680×2775	Traction frame 4252×3150×2775 Winch 4882×3150×2775
Operating Weight	kg	8020	8440
Track Gauge	mm	1600	1750
Ground Length	mm	2270	
Width of Trackshoe	mm	460	610
Blade Width	mm	2680	3150
Blade Height	mm	950	900
Dozing Capacity	m ³	1.93	2.04
Maximum Lifting	mm	750	

Shanghai Longji Construction Machinery Co., Ltd.

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Height of Blade			
Maximum Digging Depth of Blade	mm	515	
Maximum Tilting Height of Blade	mm	350	411
Cutting Angle	°	52-58	
Blade Weight	kg	1211.7	
Speed(forward/reverse)	km/h	0-9	
Ground Pressure	kPa	38.3	30.5
Minimum Ground Clearance	mm	320	
Gradeability	°	30	
Model		Cummins QSB3.3	
Type		Turbo charged, Water cooled 4-stroke/cycle diesel engine; direct injection; with crank case shield or equivalent	
Rated Speed	rpm	2200	
Rated Power	kW	59	
Cylinder Qty-Cylinder Bore X Stroke	mm	4-95×115	
Swept Volume	L	3.3	
Max.Torque	N.m/rpm	415/1600	
Fuel Capacity	L	192	
Coolant Capacity	L	18	
Net Engine Weight	kg	275	
Specific Fuel Consumption	g/kW-h	≤227	
Engine Oil Capacity	L	7	
Type		Rigid Suspension	

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Number of Carrier Roller		2/side	
Width of Trackshoe	mm	460	610
Pitch	mm	154	
Variable Pump		2	
Number of Travel Motor and Reducer		2	
System Pressure	MPa	40	
Brake Pressure	MPa	2.5	

- The turbocharged, air-to-air intercooled, electronically controlled diesel engine emissions meet EPA Tier 3, EU Stage III A standards; provides excellent power, economy (compared with similar horsepower hydrostatic bulldozers provides 15% savings), and durability.
- The electronically controlled, dual-circuit hydrostatic drive system automatically adjusts the power output and the traveling speed to adapt to load changes; both sides of the track are independently driven, so as to ensure full steering power output, and enabling reverse rotation for both tracks; possesses “multi-grade” speed characteristics, providing optimum speed in a variety of working conditions.
- The hand-operated electric control system, left joystick controls machine direction and speed, right joystick operates working device; system enables accurate, simple, and comfortable operation of the machine.
- The heavy, durable, and strong chassis provides for reliable operations in any environment.
- The integrated and intelligent thermal management system ensures optimal temperature control, noise management, and energy conservation.
- The intelligent service system features automatic fault detection, diagnosis, and remote technical support.
- The cab features roll/drop-proof design, shock absorbing structure, noise reduction technology, air conditioning, unobstructed vision, and a spacious environment.
- The modular wheel reduction system boasts reliability, long life, and easy maintenance.
- The high-capacity, strong, versatile blade is well-suited for operations such as backfilling, excavation, shaping, and other heavy duty jobs.

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