

SBH388

SHANTUI
VALUE THAT WORKS

BACKHOE LOADER
SERIES

ENGINE MODEL	CUMMINS 4BTA3.9
RATED POWER	74 KW/2200 RPM
OPERATING WEIGHT	8.2 T

LET'S MAKE
CONSTRUCTION EASIER



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SBH388 TECHNICAL PARAMETERS

BACKHOE LOADER SERIES

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Model	SBH388
Operating Weight	8200 KG
Specification	
L*W*H (mm)	6100×2365×3752
Wheel base	2200mm
Min. Ground Clearance	300mm
Loader Bucket Capacity	1.0m ³
Breakout Force	38KN
Rated Load	2500KG
Bucket Dumping Height	2742mm
Bucket Dumping Distance	925mm
Digging Depth	52mm
Backhoe Bucket Capacity	0.3 m ³
Max. Digging Depth	4082/4500mm
Swing Angle of Excavator Grab	190°
Max. Pulling Force	39KN
Engine	
Model	Cummins 4BTA3.9
Type	In Line, Four cylinder, Direct injection
Cylinder-Inside Diameter*Stroke	4-102×120
Rated Power	74KW
Rated Speed	2200r/min
Min. Fuel Consumption	≤235g/km.h
Max.Torque	≥410N.M
Displacement	3.9L
Steering System	
Model of Steering Device	BZZ5-250
Steering Angle	±36°
Min. turning radius	6581mm
Pressure of the system	12Mpa
Axle	
Type	Conventional
Main Transmission Type	Double Reduction

Final Reducer	Single Stage Final Reducer
Rated Loader of Axle	8/18.5t
Transmission System	
Torque Converter	YJ280
Type	Single-stage Three Elements
Max. Efficiency	84.40%
Inlet Pressure	1.3Mpa—1.5 Mpa
Outlet Pressure	0.25Mpa—0.3 Mpa
Cooling Method	Oil-cooling Pressure Circulation
Transmission Type	Countershaft Power Shift
Oil Pressure of Clutch	1373Kpa—1569 Kpa
Gears	Two Fwd, Two Rev
Max.Speed	28Km/h
Tyre	
Size	14-17.5/19.5L-24
Pressure of Front wheel	0.55Mpa
Pressure of Back Wheel	0.22Mpa
Brake System	
	Air Over Oil Caliper Brake
Service Brake	External Type
	Self-regulation
	Self-balance
Parking Brake	Operation Power Implementing brake
	Manual Operation Power Terminating Brake
Hydraulic System	
Digging Force of Excavator Bucket	46.5KN
Digging Force of Excavator Arm	31KN
Front Bucket Lifting Time	5.4S
Front Bucket Lowering Time	3.1S
Front Bucket Discharge Time	2.0S