

Reliability in Action

Backhoe Loader B877



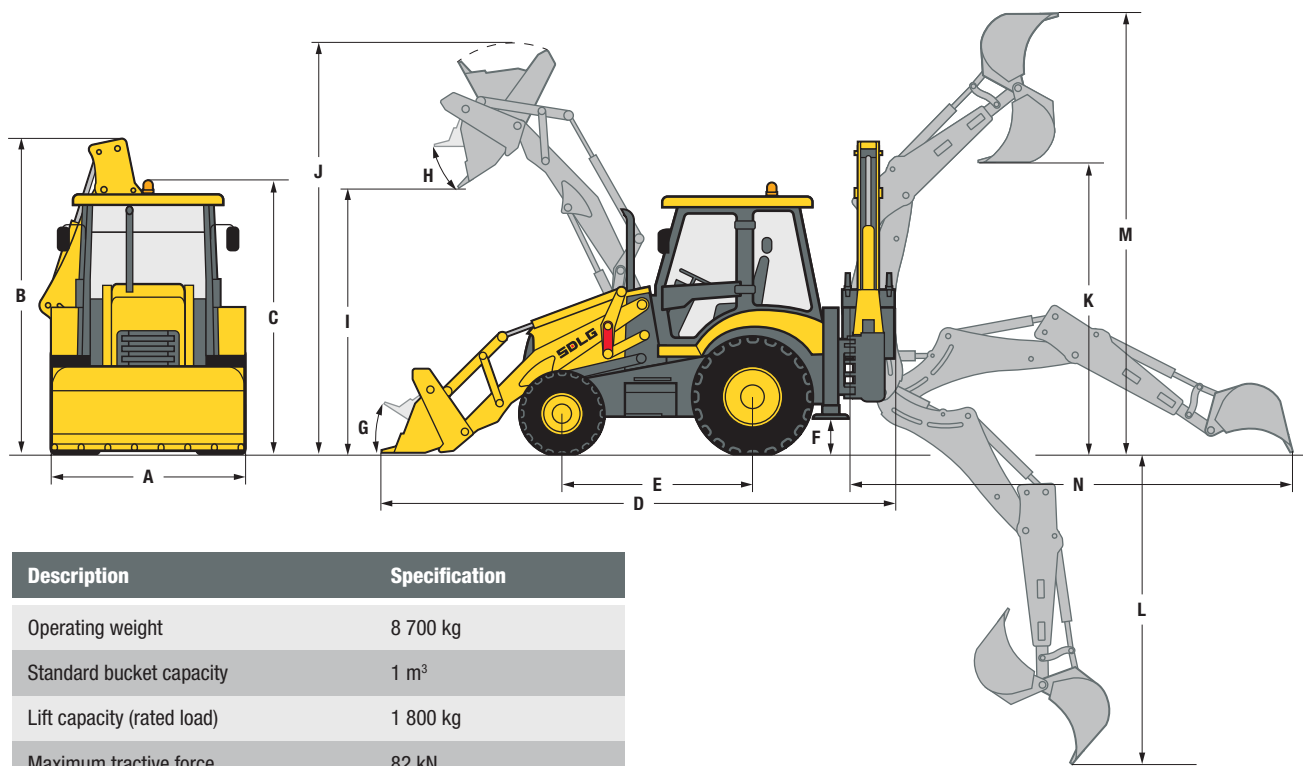
Backhoe Loader B877



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The B877 is an 8.7 tonne side-shift backhoe loader. Remarkably versatile, whether you are using the loader or the excavator, the B877 has the power and manoeuvrability to handle most jobs in this weight class. The Weichai engine together with the efficient SDLG hydraulic system provides 60 kN breakout force.

- The operator's cab provides excellent visibility and space, with air-conditioning as standard, seat suspension and openable rear windows.
- The 55° turning radius provides excellent manoeuvrability when working in confined areas.
- The efficient 3 gear pump hydraulic system is simple and robust. An auxiliary hydraulic line to power attachments (eg hydraulic hammers) is available as an option.
- The large, rear hinged engine hood provides good accessibility for maintenance.
- Multi-purpose front bucket as standard, providing more possibilities than a general purpose bucket.
- An extendable excavator arm is available as an option – to take digging performance and range even further.



Description	Specification
Operating weight	8 700 kg
Standard bucket capacity	1 m ³
Lift capacity (rated load)	1 800 kg
Maximum tractive force	82 kN
Maximum digging force	56 kN
Maximum breakout force	60 kN
Engine	
Model	Weichai WP4G95E221
Type	In line, watercooled, 4 stroke, turbocharged, direct injection combustion chamber
Rated power	70kW @ 2 200 rpm
Dimensions	
A. Overall width	2 270 mm
B. Overall height	3 599 mm
C. Height to top of cab	3 090 mm
D. Overall length	5 865 mm
E. Wheelbase	2 170 mm
F. Ground clearance	383 mm
G. Roll back angle ground level	45°
H. Dump angle	45°
I. Dump height	2 716 mm
J. Maximum operating height	4 348 mm
K. Loading clearance	3 636 mm
L. Maximum digging depth	4 347 mm
M. Operating height	5 304 mm
N. Reach from swing post ground level	5 356 mm

Description	Specification
Transmission	
Turbine type	Single stage, single phase, centripetal turbine type
Transmission type	Synchronised shifting
Maximum travel speed	38 km/h
Drive type	4 wheel drive / 2 wheel drive
Tyre dimension	12.5 - 18 / 18.4 - 26
Tyre pressure	Front 3.1 MPa Rear 2.2 MPa
Service brake type	Wet brake, mechanical differential
Parking brake	Disc brake on propeller shaft
Steering system	
Steering angle	55°
Steering system pressure	15 MPa
Service fill capacities	
Fuel	160 L
Hydraulic oil	190 L



SDLG machines are built to be like the people that own them: hardworking, genuine and reliable. Cost effective, robust machines with fuel efficient engines that are easy to operate and easy to maintain.

Everything about SDLG is designed to give you the confidence that you can complete the job to a high standard and on schedule. And when you need parts or service, you can trust your SDLG dealer to deliver on our promise. When you buy SDLG, you're buying reliability: **Reliability in Action.**



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