

Reliability in Action

Backhoe Loader B877F

Available
with standard
or extendable
arm



Backhoe B877F



A variety of configurations

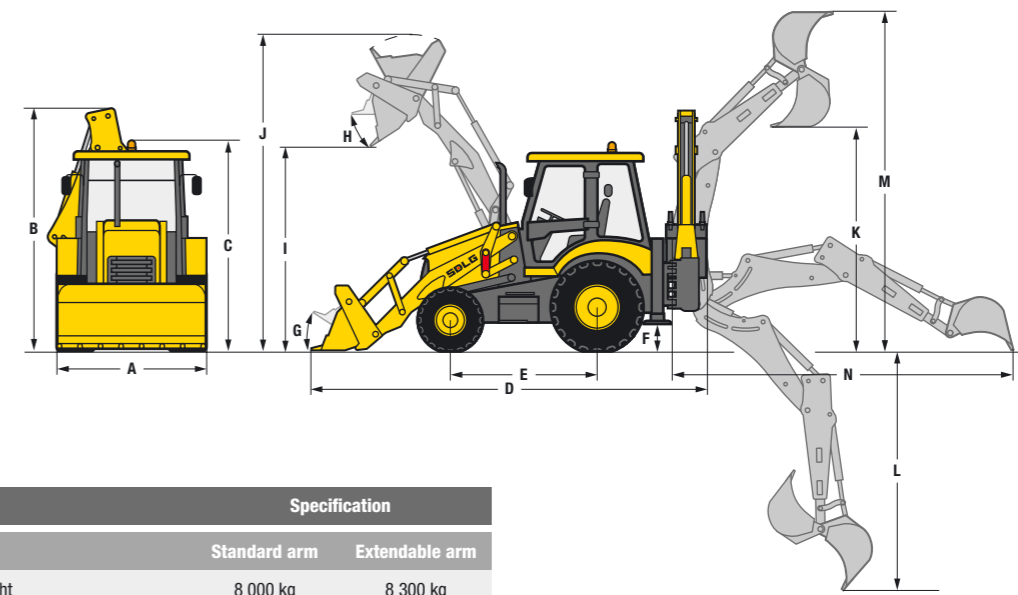
The new B877F sideshift backhoe loader from SDLG is available in a variety of alternative configurations, allowing you to select the version that best suits your needs.

A remarkably efficient and versatile machine, whether you are operating the loader or the excavator, the B877F has the power and manoeuvrability to handle most jobs.

- 1** Access to the engine is made easy through the large, rear hinged engine hood. To improve maintenance access, all filters are grouped inside the engine bay. The high capacity radiator is also easily accessed via the large engine hood opening.
- 2** The spacious, air-conditioned cab provides the operator with excellent visibility all around the machine, and plenty of space for turning between the loader and excavator controls.
- 3** The B877F is equipped with an improved loader linkage system to provide powerful breakout force, and comes with a 1 m³ loader bucket as standard.

- 4** The powerful 70kW Yuchai engine supplies the hydraulic system with a constancy of flow so you can rely on having the power you need to get the job done.
- 5** A 55° steering angle provides excellent manoeuvrability when working in confined areas.
- 6** Choose to specify your B877F with either a multi-purpose or a general purpose loader bucket, together with an extendable or a standard arm. There is also a wide range of attachments to choose from, such as different size excavator buckets and flip-over forks. If you require additional hydraulics (for example, for a hydraulic breaker) the B877F can also be equipped with these to suit your needs.

SDLG is part of the Volvo Group and one of the largest manufacturers of construction machinery in China, with a wide network of dealerships and service workshops throughout Africa and the Middle East.



Description	Specification	
	Standard arm	Extendable arm
Operating weight	8 000 kg	8 300 kg
Standard loader bucket capacity	1 m ³	1 m ³
Standard excavator bucket width	625 mm	625 mm
Lift capacity (rated load)	1 800 kg	1 800 kg
Maximum tractive force	82 kN	82 kN
Maximum digging force	48 kN	48 kN
Maximum breakout force	48 kN	48 kN
Minimum turning radius	4 118 mm	4 118 mm
Maximum lift capacity (ISO 14397-2)	3 224 kg	3 015 kg

Dimensions	Specification	
	Standard arm	Extendable arm
A. Overall width	2 350 mm	2 350 mm
B. Overall height	3 608 mm	3 608 mm
C. Height to top of cab (including beacon)	3 090 mm	3 090 mm
D. Overall length	5 917 mm	5 897 mm
E. Wheelbase	2 170 mm	2 170 mm
F. Ground clearance	346 mm	346 mm
G. Roll back angle ground level	45°	45°
H. Dump angle	45°	45°
I. Dump height	2 693 mm	2 707 mm
J. Maximum operating height loader	4 313 mm	4 313 mm
K. Loading clearance excavator	3 607 mm	4 254 mm
L. Maximum digging depth	4 303 mm	5 306 mm
M. Operating height excavator	5 335 mm	5 986 mm
N. Reach from swing post ground level	5 393 mm	6 330 mm
Maximum excavator bucket rotation	194°	194°

Engine	Specification
Brand	Yuchai
Model	YC4A105Z-T20
Type	In line, water cooled, four stroke, direct injection
Rated Power (SAE J1349)	70kW
Max Torque	Nm
Bore / stroke	108 / 132 mm
Displacement	4 837 ml

Description	Specification
Transmission	
Brand, model and type	Carraro TLB1-4WD Powershuttle
Gears forward	4
Gears reverse	4
Maximum speed forward	38 km/h
Maximum speed reverse	38 km/h
Service brake type	Vacuum servo
Parking brake type	Caliper disc

Front axle	
Brand and type	Carraro steering axle
Steering angle	55°

Rear axle	
Brand and type	Carraro wet brake
Differential lock	Yes

Tyres	
Dimension front	12.5 - 18
Dimension rear	18.4 - 26 (16.9 - 28)
Front tyre pressure	60.9 - 63.8 psi
Rear tyre pressure	30.5 - 33.4 psi

Hydraulics	
Type	Gear pump
Maximum flow	200 L/min
Maximum pressure	22.5 Mpa

Service fill capacities	
Fuel	135 L
Hydraulic oil	165 L
Axles (main and final drives)	7.5 + 0.8 * 2/15 L
Engine	10 L
Transmission	20 L
Anti freeze	14 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.**



www.sdlg.com